wwPDB NMR Structure Validation Summary Report

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PDB ID	:	2MWS
BMRB ID	:	25088
Title	:	Structure of the complex of ubiquitin and the ubiquitin-like (UBL) domain of Ddi1
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Deposited on	:	2014-11-23

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

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

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

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

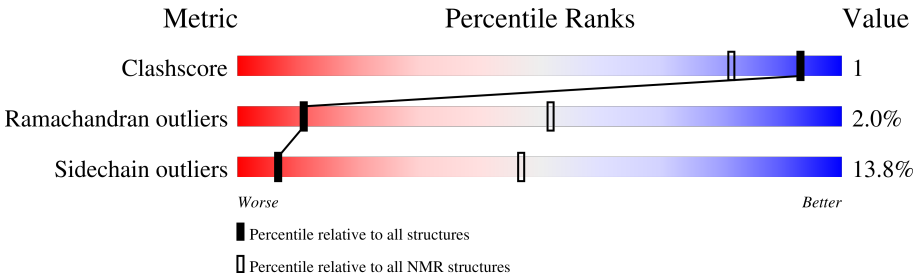
MolProbity	:	4.02b-467
Mogul	:	1.8.5 (274361), CSD as541be (2020)
Percentile statistics	:	20191225.v01 (using entries in the PDB archive December 25th 2019)
wwPDB-RCI	:	v_1n_11_5_13_A (Berjanski et al., 2005)
PANAV	:	Wang et al. (2010)
wwPDB-ShiftChecker	:	v1.2
BMRB Restraints Analysis	:	v1.2
Ideal geometry (proteins)	:	Engh & Huber (2001)
Ideal geometry (DNA, RNA)	:	Parkinson et al. (1996)
Validation Pipeline (wwPDB-VP)	:	2.33

1 Overall quality at a glance (i)

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

The overall completeness of chemical shifts assignment is 48%.

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



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

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

Mol	Chain	Length	Quality of chain
1	A	76	88% . 8%
2	B	94	63% 20% . 16%

2 Ensemble composition and analysis

This entry contains 8 models. Model 8 is the overall representative, medoid model (most similar to other models). The authors have identified model 1 as representative, based on the following criterion: *lowest energy*.

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

Well-defined (core) protein residues			
Well-defined core	**Residue range (total)**	**Backbone RMSD (Å)**	**Medoid model**
1	A:1-A:11, A:13-A:71 (70)	0.33	3
2	B:3-B:80 (78)	0.57	8

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

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

The models can be grouped into 2 clusters. No single-model clusters were found.

Cluster number	Models
1	2, 4, 5, 6, 7, 8
2	1, 3

3 Entry composition (i)

There are 2 unique types of molecules in this entry. The entry contains 2474 atoms, of which 1245 are hydrogens and 0 are deuteriums.

- Molecule 1 is a protein called Ubiquitin.

Mol	Chain	Residues	Atoms						Trace
1	A	76	Total	C	H	N	O	S	0
			1241	386	628	106	118	3	

There is a discrepancy between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
A	12	3X9	THR	engineered mutation	UNP P0CG48

- Molecule 2 is a protein called DNA damage-inducible protein 1.

Mol	Chain	Residues	Atoms						Trace
2	B	79	Total	C	H	N	O	S	0
			1233	385	617	98	130	3	

There are 15 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
B	-10	MET	-	expression tag	UNP P40087
B	-9	ARG	-	expression tag	UNP P40087
B	-8	GLY	-	expression tag	UNP P40087
B	-7	SER	-	expression tag	UNP P40087
B	-6	HIS	-	expression tag	UNP P40087
B	-5	HIS	-	expression tag	UNP P40087
B	-4	HIS	-	expression tag	UNP P40087
B	-3	HIS	-	expression tag	UNP P40087
B	-2	HIS	-	expression tag	UNP P40087
B	-1	HIS	-	expression tag	UNP P40087
B	0	GLY	-	expression tag	UNP P40087
B	1	SER	-	expression tag	UNP P40087
B	81	LYS	-	expression tag	UNP P40087
B	82	LEU	-	expression tag	UNP P40087
B	83	ASN	-	expression tag	UNP P40087

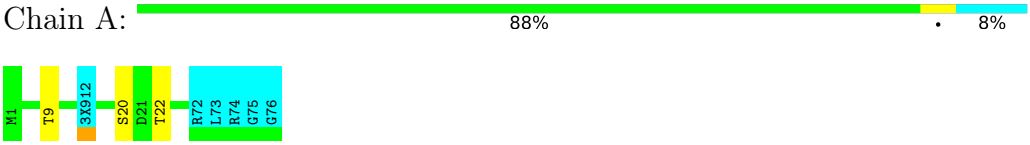
4 Residue-property plots

4.1 Average score per residue in the NMR ensemble

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

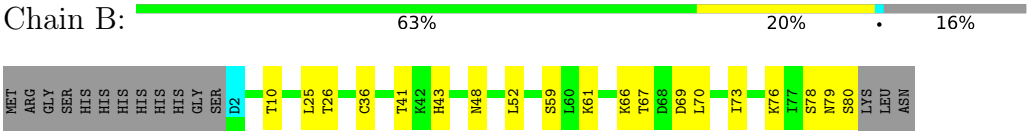
• Molecule 1: Ubiquitin

Chain A:



• Molecule 2: DNA damage-inducible protein 1

Chain B:

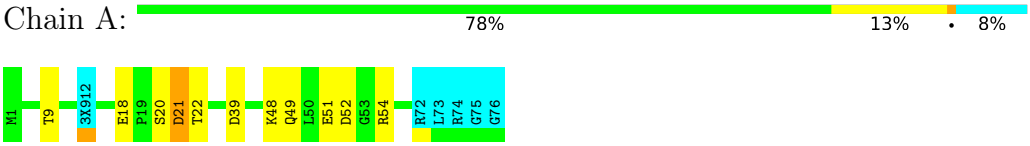


4.2 Residue scores for the representative (medoid) model from the NMR ensemble

The representative model is number 8. Colouring as in section 4.1 above.

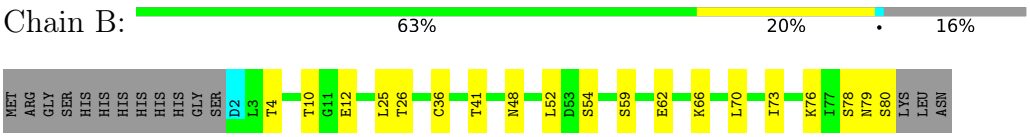
• Molecule 1: Ubiquitin

Chain A:



• Molecule 2: DNA damage-inducible protein 1

Chain B:



5 Refinement protocol and experimental data overview

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

Of the 200 calculated structures, 8 were deposited, based on the following criterion: *structures with the lowest energy*.

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

Software name	Classification	Version
HADDOCK	structure solution	
HADDOCK	refinement	

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

Chemical shift file(s)	working_cs.cif
Number of chemical shift lists	1
Total number of shifts	986
Number of shifts mapped to atoms	986
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Assignment completeness (well-defined parts)	48%

6 Model quality

6.1 Standard geometry

Bond lengths and bond angles in the following residue types are not validated in this section: 3X9

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

There are no bond-length outliers.

There are no bond-angle outliers.

There are no chirality outliers.

There are no planarity outliers.

6.2 Too-close contacts

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

Mol	Chain	Non-H	H(model)	H(added)	Clashes
1	A	556	580	579	1±1
2	B	608	613	612	2±2
All	All	9312	9544	9528	24

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

5 of 16 unique clashes are listed below, sorted by their clash magnitude.

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
2:B:39:ASP:O	2:B:43:HIS:HB2	0.63	1.94	7	3
2:B:36:CYS:SG	2:B:73:ILE:HG13	0.56	2.41	8	7
1:A:18:GLU:O	1:A:21:ASP:HB2	0.49	2.07	8	1
1:A:1:MET:HG2	1:A:17:VAL:O	0.48	2.08	4	1
2:B:74:ARG:HD3	2:B:79:ASN:OD1	0.48	2.09	1	1

6.3 Torsion angles (i)

6.3.1 Protein backbone (i)

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

Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles
1	A	69/76 (91%)	68±0 (98±1%)	2±0 (2±1%)	0±0 (0±0%)	100 100
2	B	77/94 (82%)	66±3 (86±3%)	8±3 (11±3%)	3±0 (4±0%)	6 34
All	All	1168/1360 (86%)	1068 (91%)	77 (7%)	23 (2%)	11 52

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

Mol	Chain	Res	Type	Models (Total)
2	B	48	ASN	8
2	B	79	ASN	8
2	B	76	LYS	5
2	B	67	THR	1
2	B	66	LYS	1

6.3.2 Protein sidechains (i)

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

Mol	Chain	Analysed	Rotameric	Outliers	Percentiles
1	A	64/67 (96%)	59±2 (92±3%)	5±2 (8±3%)	15 62
2	B	70/84 (83%)	57±2 (81±3%)	13±2 (19±3%)	4 36
All	All	1072/1208 (89%)	924 (86%)	148 (14%)	7 47

5 of 44 unique residues with a non-rotameric sidechain are listed below. They are sorted by the frequency of occurrence in the ensemble.

Mol	Chain	Res	Type	Models (Total)
1	A	22	THR	8
2	B	26	THR	8

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Mol	Chain	Res	Type	Models (Total)
2	B	70	LEU	8
1	A	9	THR	7
2	B	10	THR	7

6.3.3 RNA (i)

There are no RNA molecules in this entry.

6.4 Non-standard residues in protein, DNA, RNA chains (i)

1 non-standard protein/DNA/RNA residue is modelled in this entry.

In the following table, the Counts columns list the number of bonds for which Mogul statistics could be retrieved, the number of bonds that are observed in the model and the number of bonds that are defined in the chemical component dictionary. The Link column lists molecule types, if any, to which the group is linked. The Z score for a bond length is the number of standard deviations the observed value is removed from the expected value. A bond length with $|Z| > 2$ is considered an outlier worth inspection. RMSZ is the average root-mean-square of all Z scores of the bond lengths.

Mol	Type	Chain	Res	Link	Bond lengths		
					Counts	RMSZ	#Z>2
1	3X9	A	12	1	15,18,19	1.05±0.03	2±0 (13±0%)

In the following table, the Counts columns list the number of angles for which Mogul statistics could be retrieved, the number of angles that are observed in the model and the number of angles that are defined in the chemical component dictionary. The Link column lists molecule types, if any, to which the group is linked. The Z score for a bond angle is the number of standard deviations the observed value is removed from the expected value. A bond angle with $|Z| > 2$ is considered an outlier worth inspection. RMSZ is the average root-mean-square of all Z scores of the bond angles.

Mol	Type	Chain	Res	Link	Bond angles		
					Counts	RMSZ	#Z>2
1	3X9	A	12	1	12,27,29	7.10±0.06	8±0 (62±4%)

In the following table, the Chirals column lists the number of chiral outliers, the number of chiral centers analysed, the number of these observed in the model and the number defined in the chemical component dictionary. Similar counts are reported in the Torsion and Rings columns. '-' means no outliers of that kind were identified.

Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
1	3X9	A	12	1	-	0±0,5,32,34	0±0,1,1,1

All unique bond outliers are listed below. They are sorted according to the Z-score of the worst occurrence in the ensemble.

Mol	Chain	Res	Type	Atoms	Z	Observed(Å)	Ideal(Å)	Models	
								Worst	Total
1	A	12	3X9	CAR-CAI	2.54	1.54	1.50	8	8
1	A	12	3X9	CAS-NAQ	2.48	1.47	1.50	6	8

5 of 8 unique angle outliers are listed below. They are sorted according to the Z-score of the worst occurrence in the ensemble.

Mol	Chain	Res	Type	Atoms	Z	Observed(^{o})	Ideal(^{o})	Models	
								Worst	Total
1	A	12	3X9	CAA-CAR-CAI	15.45	97.03	112.79	8	8
1	A	12	3X9	CAB-CAR-CAI	14.71	97.79	112.79	5	8
1	A	12	3X9	CAA-CAR-NAQ	7.64	119.76	110.00	6	8
1	A	12	3X9	CAB-CAR-CAA	6.87	120.64	110.94	3	8
1	A	12	3X9	CAR-CAI-CAO	6.46	108.58	113.64	6	8

There are no chirality outliers.

There are no torsion outliers.

There are no ring outliers.

6.5 Carbohydrates (i)

There are no monosaccharides in this entry.

6.6 Ligand geometry (i)

There are no ligands in this entry.

6.7 Other polymers (i)

There are no such molecules in this entry.

6.8 Polymer linkage issues (i)

There are no chain breaks in this entry.

7 Chemical shift validation

The completeness of assignment taking into account all chemical shift lists is 48% for the well-defined parts and 46% for the entire structure.

7.1 Chemical shift list 1

File name: working_cs.cif

Chemical shift list name: *assigned_chem_shift_list_1*

7.1.1 Bookkeeping

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

Total number of shifts	986
Number of shifts mapped to atoms	986
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Number of shift outliers (ShiftChecker)	6

7.1.2 Chemical shift referencing

The following table shows the suggested chemical shift referencing corrections.

Nucleus	# values	Correction ± precision, *ppm*	Suggested action
$^{13}C_{\alpha}$	79	2.41 ± 0.26	Should be applied
$^{13}C_{\beta}$	73	2.26 ± 0.27	Should be applied
$^{13}C'$	79	2.37 ± 0.24	Should be applied
^{15}N	78	0.50 ± 0.64	None needed (imprecise)

7.1.3 Completeness of resonance assignments

The following table shows the completeness of the chemical shift assignments for the well-defined regions of the structure. The overall completeness is 48%, i.e. 979 atoms were assigned a chemical shift out of a possible 2039. 0 out of 27 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	^{1}H	^{13}C	^{15}N
Backbone	393/741 (53%)	160/301 (53%)	156/296 (53%)	77/144 (53%)
Sidechain	566/1216 (47%)	387/789 (49%)	173/389 (44%)	6/38 (16%)

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	Total	^{1}H	^{13}C	^{15}N
Aromatic	20/82 (24%)	20/39 (51%)	0/39 (0%)	0/4 (0%)
Overall	979/2039 (48%)	567/1129 (50%)	329/724 (45%)	83/186 (45%)

7.1.4 Statistically unusual chemical shifts (i)

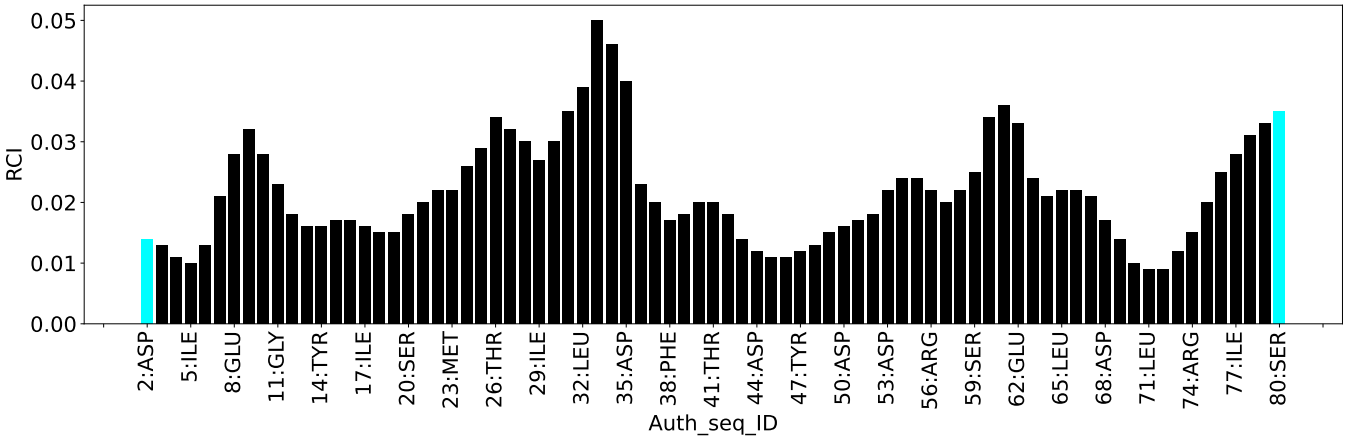
The following table lists the statistically unusual chemical shifts. These are statistical measures, and large deviations from the mean do not necessarily imply incorrect assignments. Molecules containing paramagnetic centres or hemes are expected to give rise to anomalous chemical shifts.

List Id	Chain	Res	Type	Atom	Shift, *ppm*	Expected range, *ppm*	Z-score
1	B	80	SER	HB2	1.40	2.61 – 5.13	-9.8
1	B	80	SER	HB3	1.40	2.49 – 5.20	-9.0
1	B	67	THR	HG21	2.69	0.08 – 2.19	7.3
1	B	67	THR	HG22	2.69	0.08 – 2.19	7.3
1	B	67	THR	HG23	2.69	0.08 – 2.19	7.3
1	B	68	ASP	CB	30.48	32.98 – 48.76	-6.6

7.1.5 Random Coil Index (RCI) plots (i)

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

Random coil index (RCI) for chain B:



8 NMR restraints analysis

8.1 Conformationally restricting restraints

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

Description	Value
Total distance restraints	35
Intra-residue (|i-j|=0)	0
Sequential (|i-j|=1)	0
Medium range (|i-j|>1 and |i-j|<5)	0
Long range (|i-j|≥5)	0
Inter-chain	35
Hydrogen bond restraints	0
Disulfide bond restraints	0
Total dihedral-angle restraints	0
Number of unmapped restraints	0
Number of restraints per residue	0.2
Number of long range restraints per residue[1]	0.0

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

8.2 Residual restraint violations

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

8.2.1 Average number of distance violations per model

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

Bins (Å)	Average number of violations per model	Max (Å)
0.1-0.2 (Small)	0.5	0.2
0.2-0.5 (Medium)	2.1	0.5
>0.5 (Large)	9.2	4.08

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

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

9 Distance violation analysis (i)

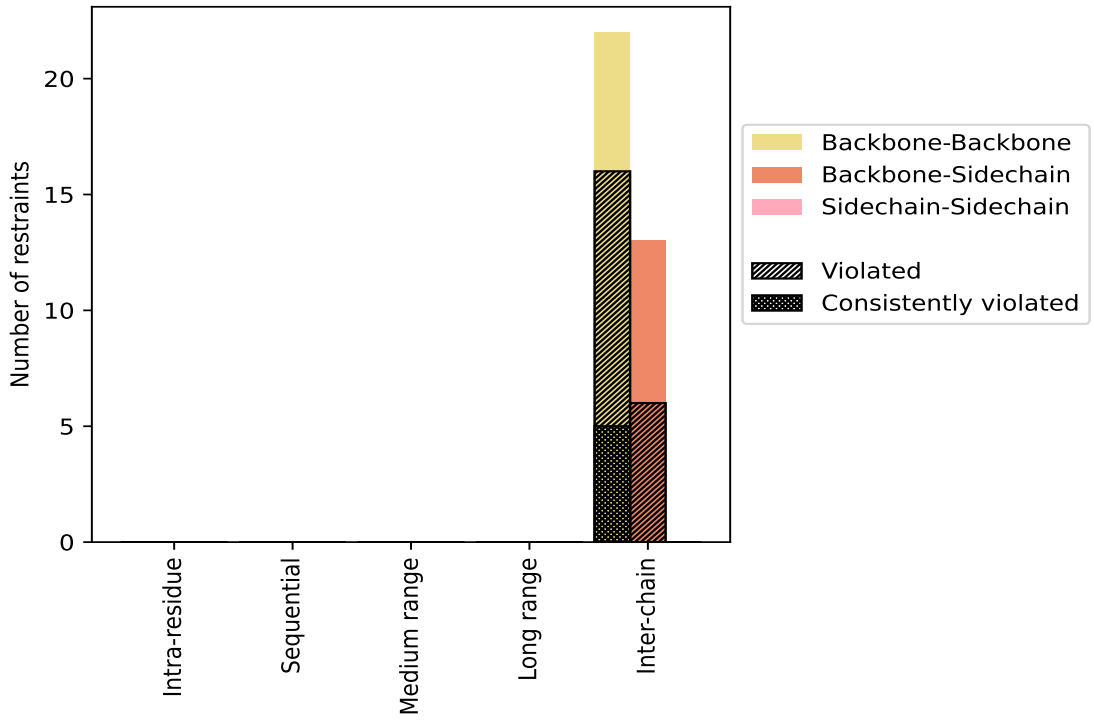
9.1 Summary of distance violations (i)

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

Restraints type	Count	%[1]	Violated[3]			Consistently Violated[4]		
			Count	%[2]	%[1]	Count	%[2]	%[1]
Intra-residue (|i-j|=0)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sequential (|i-j|=1)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Medium range (|i-j|>1 & |i-j|<5)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Long range (|i-j|≥5)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Inter-chain	35	100.0	22	62.9	62.9	5	14.3	14.3
Backbone-Backbone	22	62.9	16	72.7	45.7	5	22.7	14.3
Backbone-Sidechain	13	37.1	6	46.2	17.1	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Hydrogen bond	0	0.0	0	0.0	0.0	0	0.0	0.0
Disulfide bond	0	0.0	0	0.0	0.0	0	0.0	0.0
Total	35	100.0	22	62.9	62.9	5	14.3	14.3
Backbone-Backbone	22	62.9	16	72.7	45.7	5	22.7	14.3
Backbone-Sidechain	13	37.1	6	46.2	17.1	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0

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

9.1.1 Bar chart : Distribution of distance restraints and violations



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

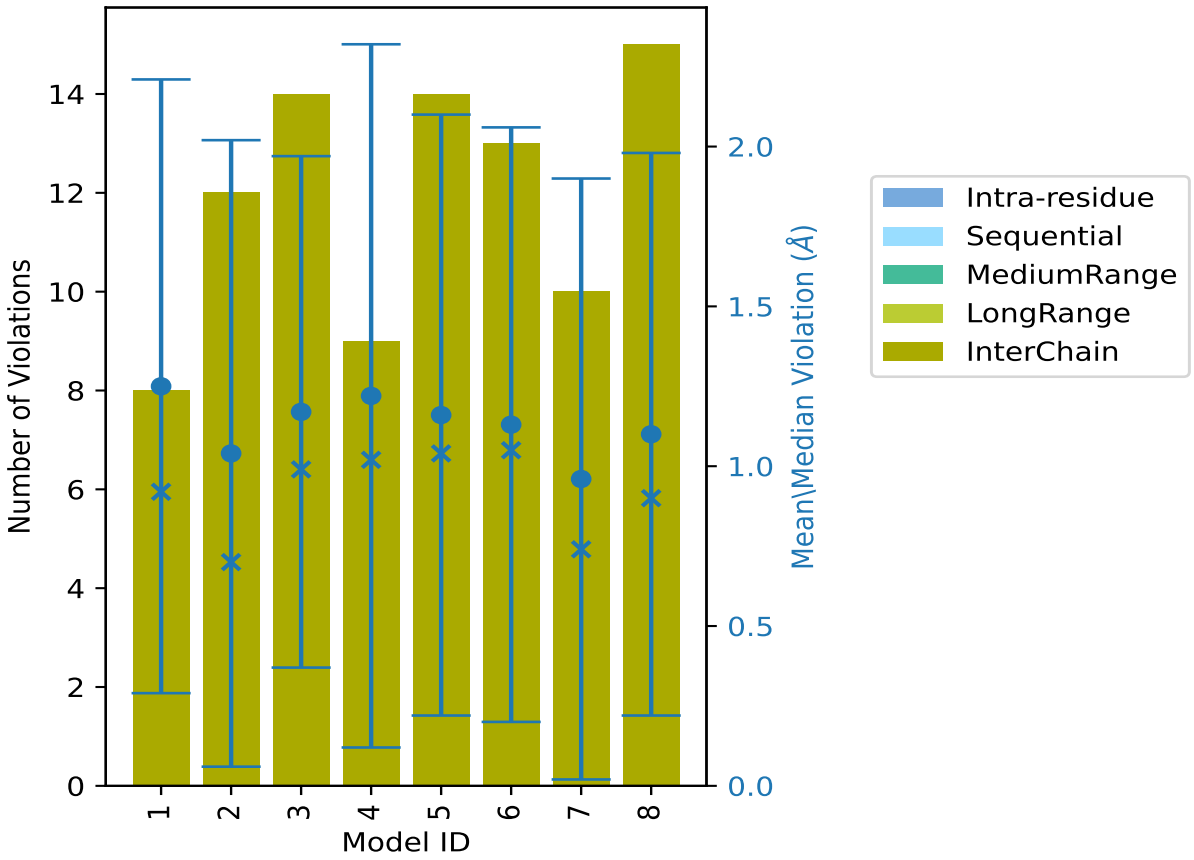
9.2 Distance violation statistics for each model

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

Model ID	Number of violations						Mean (Å)	Max (Å)	SD[6] (Å)	Median (Å)
	IR[1]	SQ[2]	MR[3]	LR[4]	IC[5]	Total				
1	0	0	0	0	8	8	1.25	3.6	0.96	0.92
2	0	0	0	0	12	12	1.04	4.02	0.98	0.7
3	0	0	0	0	14	14	1.17	3.57	0.8	0.99
4	0	0	0	0	9	9	1.22	4.08	1.1	1.02
5	0	0	0	0	14	14	1.16	4.0	0.94	1.04
6	0	0	0	0	13	13	1.13	3.94	0.93	1.05
7	0	0	0	0	10	10	0.96	3.63	0.94	0.74
8	0	0	0	0	15	15	1.1	3.93	0.88	0.9

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

9.2.1 Bar graph : Distance Violation statistics for each model



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

9.3 Distance violation statistics for the ensemble

Violation analysis may find that some restraints are violated in few models and some are violated in most of models. The following table provides this information as number of violated restraints for a given fraction of the ensemble. In total, 13(IR:0, SQ:0, MR:0, LR:0, IC:13) restraints are not violated in the ensemble.

Number of violated restraints						Fraction of the ensemble	
IR[1]	SQ[2]	MR[3]	LR[4]	IC[5]	Total	Count[6]	%
0	0	0	0	5	5	1	12.5
0	0	0	0	1	1	2	25.0
0	0	0	0	3	3	3	37.5
0	0	0	0	3	3	4	50.0
0	0	0	0	4	4	5	62.5
0	0	0	0	0	0	6	75.0

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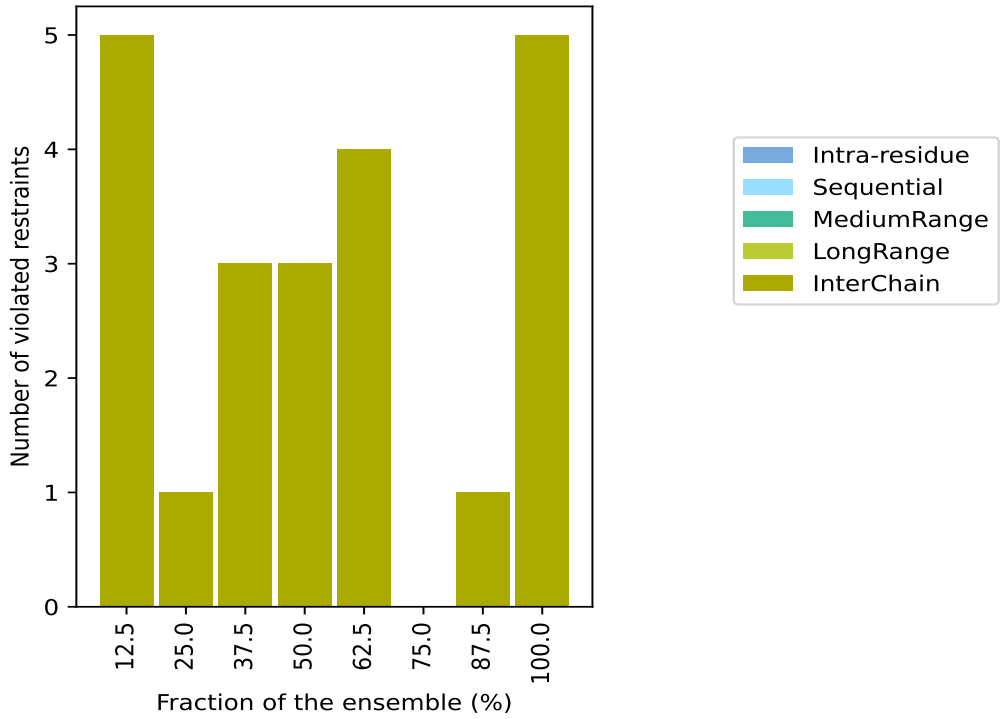
Number of violated restraints						Fraction of the ensemble	
IR[1]	SQ[2]	MR[3]	LR[4]	IC[5]	Total	Count[6]	%
0	0	0	0	1	1	7	87.5
0	0	0	0	5	5	8	100.0

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

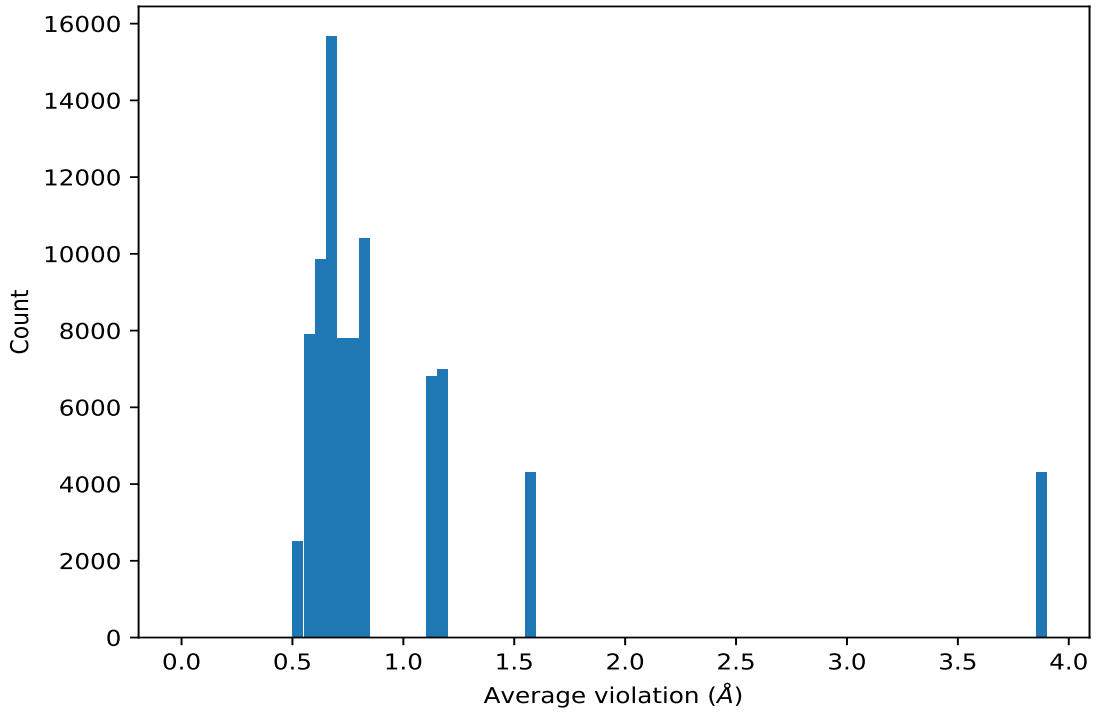
9.3.1 Bar graph : Distance violation statistics for the ensemble



9.4 Most violated distance restraints in the ensemble

9.4.1 Histogram : Distribution of mean distance violations

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



9.4.2 Table: Most violated distance restraints (i)

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

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:C	1:A:2:GLN:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HE21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HE22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:O	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:C	1:A:2:GLN:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:9:THR:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:9:THR:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:9:THR:CB	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:C	1:A:9:THR:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:9:THR:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:9:THR:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:9:THR:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:9:THR:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:9:THR:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:9:THR:OG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:10:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:10:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:10:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:10:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:10:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:10:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:10:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAC	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAI	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAJ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAO	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAR	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAS	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:HAA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:NAQ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:OAH	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:SAL	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:SG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:14:THR:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:14:THR:CA	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:C	1:A:14:THR:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:14:THR:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:14:THR:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:14:THR:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:14:THR:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:14:THR:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:14:THR:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:14:THR:OG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:39:ASP:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:39:ASP:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:39:ASP:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:39:ASP:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:39:ASP:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:39:ASP:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:39:ASP:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:39:ASP:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:39:ASP:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:39:ASP:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:39:ASP:OD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:39:ASP:OD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:N	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:C	1:A:44:ILE:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:46:ALA:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:46:ALA:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:46:ALA:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:46:ALA:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HB1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:46:ALA:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:46:ALA:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:47:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:47:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:47:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:47:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:47:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:47:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:47:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HE3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HZ1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HZ2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HZ3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:NZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CA	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HE21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HE22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:OE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:52:ASP:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:52:ASP:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:52:ASP:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:52:ASP:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:52:ASP:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:52:ASP:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:52:ASP:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:52:ASP:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:52:ASP:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:52:ASP:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:52:ASP:OD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:52:ASP:OD2	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:C	1:A:64:GLU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:64:GLU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:64:GLU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:64:GLU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:64:GLU:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:64:GLU:OE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:ND1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HB2	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:NE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:NH1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:NH2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HA	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:NE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:NH1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:NH2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:75:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:75:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:75:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:75:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:75:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:75:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:75:GLY:O	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:C	1:A:76:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:76:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:76:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:76:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:76:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:76:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:C	1:A:76:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HE21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HE22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB2	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:9:THR:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:9:THR:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:9:THR:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:9:THR:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:9:THR:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:9:THR:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:9:THR:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:9:THR:OG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:C	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAC	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAI	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAJ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAO	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAR	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAS	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:HAA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:NAQ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:OAH	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:SAL	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:SG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:14:THR:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:14:THR:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:14:THR:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:14:THR:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:14:THR:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:14:THR:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:14:THR:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:14:THR:OG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:HB2	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:OD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:OD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HB1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:C	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HE3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HZ1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HZ2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HZ3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:NZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HE21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HE22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CD	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:OE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:OD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:OD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:OE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CD2	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:ND1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HB2	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:NE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:NH1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:NH2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HA	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:NE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:NH1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:NH2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HE21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HE22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HG2	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:O	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:9:THR:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:9:THR:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:9:THR:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:9:THR:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:9:THR:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:9:THR:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:9:THR:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:9:THR:OG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAC	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAI	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAJ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAO	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAR	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAS	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:HAA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:NAQ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:OAH	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:SAL	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:SG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:14:THR:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:14:THR:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:14:THR:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:14:THR:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:14:THR:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:14:THR:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:14:THR:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:14:THR:OG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:OD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:OD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG13	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HB1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HE3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HZ1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HZ2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HZ3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:N	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:NZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HE21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HE22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:OE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:HB3	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:OD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:OD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:OE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:ND1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CD2	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:NE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:NH1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:NH2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CD1	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:NE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:NH1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:NH2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:H	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HE21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HE22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:H	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:9:THR:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:9:THR:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:9:THR:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:9:THR:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:9:THR:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:9:THR:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:9:THR:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:9:THR:OG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:HA2	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAC	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAI	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAJ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAO	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAR	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAS	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:HAA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:NAQ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:OAH	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:SAL	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:SG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:14:THR:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:14:THR:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:14:THR:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:14:THR:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:14:THR:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:14:THR:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:14:THR:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:14:THR:OG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:CB	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:OD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:OD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HB1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:HA2	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HE3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HZ1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HZ2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HZ3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:NZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HE21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HE22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:OE1	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:OE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:OD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:OD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:OE2	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:ND1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CG	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:NE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:NH1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:NH2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CD	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:NE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:NH1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:NH2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HB2	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HE21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HE22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HG	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:9:THR:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:9:THR:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:9:THR:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:9:THR:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:9:THR:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:9:THR:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:9:THR:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:9:THR:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:9:THR:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:9:THR:OG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:10:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:10:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:10:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:10:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:10:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:10:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:10:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAC	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAI	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAJ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAO	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAR	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAS	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:HAA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:HB3	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:H	1:A:12:3X9:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:NAQ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:OAH	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:SAL	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:SG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:14:THR:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:14:THR:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:14:THR:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:14:THR:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:14:THR:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:14:THR:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:14:THR:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:14:THR:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:14:THR:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:14:THR:OG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:39:ASP:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:39:ASP:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:39:ASP:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:39:ASP:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:39:ASP:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:39:ASP:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:39:ASP:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:39:ASP:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:39:ASP:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:39:ASP:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:39:ASP:OD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:39:ASP:OD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HD11	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:46:ALA:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:46:ALA:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:46:ALA:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:46:ALA:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HB1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:46:ALA:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:46:ALA:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:47:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:47:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:47:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:47:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:47:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:47:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:47:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HE3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HG3	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HZ1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HZ2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HZ3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:NZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HE21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HE22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:OE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:52:ASP:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:52:ASP:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:52:ASP:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:52:ASP:CG	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:H	1:A:52:ASP:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:52:ASP:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:52:ASP:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:52:ASP:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:52:ASP:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:52:ASP:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:52:ASP:OD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:52:ASP:OD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:OE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:ND1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:C	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:NE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:NH1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:NH2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:O	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:H	1:A:73:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:NE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:NH1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:NH2	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:H	1:A:74:ARG:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:75:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:75:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:75:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:75:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:75:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:75:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:75:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:76:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:76:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:76:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:76:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:76:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:76:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:H	1:A:76:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HE21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HE22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD2	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:9:THR:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:9:THR:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:9:THR:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:9:THR:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:9:THR:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:9:THR:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:9:THR:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:9:THR:OG1	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAC	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAI	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAJ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAO	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAR	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAS	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:HAA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:NAQ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:OAH	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:SAL	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:SG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:14:THR:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:14:THR:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:14:THR:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:14:THR:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:14:THR:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:14:THR:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:14:THR:O	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:HA	1:A:14:THR:OG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:OD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:OD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HB1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:O	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HE3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HZ1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HZ2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HZ3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:NZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HE21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HE22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HG3	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:OE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:OD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:OD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HG3	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:OE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:ND1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:C	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:NE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:NH1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:NH2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:O	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:NE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:NH1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:NH2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CD	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HE21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HE22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD22	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:OG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAC	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAI	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAJ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAO	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAR	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAS	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CB	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:HAA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:NAQ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:OAH	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:SAL	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:SG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:OG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:OD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:OD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CG2	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HB1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HD3	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HE3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HZ1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HZ2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HZ3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:NZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HE21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HE22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:OE2	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:OD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:OD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:OE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:N	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:ND1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:N	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:NE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:NH1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:NH2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH22	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:NE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:NH1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:NH2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HE21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HE22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CB	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG22	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:OG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAC	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAI	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAJ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAO	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAR	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAS	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:HAA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:NAQ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:OAH	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:SAL	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:SG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG21	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:OG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:OD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:OD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HB1	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HE3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HZ1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HZ2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HZ3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:NZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HB3	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HE21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HE22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:OE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:OD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:OD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HA	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:OE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:ND1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD23	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:NE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:NH1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:NH2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD22	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:NE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:NH1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:NH2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:O	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:N	1:A:2:GLN:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HE21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HE22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD13	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:9:THR:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:9:THR:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:9:THR:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:9:THR:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:9:THR:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:9:THR:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:9:THR:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:9:THR:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:9:THR:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:9:THR:OG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:10:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:10:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:10:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:10:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:10:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:10:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:10:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAC	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAI	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAJ	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAO	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAR	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAS	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:HAA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:NAQ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:OAH	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:SAL	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:SG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:14:THR:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:14:THR:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:14:THR:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:14:THR:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:14:THR:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:14:THR:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:14:THR:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:14:THR:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:14:THR:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:14:THR:OG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:39:ASP:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:39:ASP:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:39:ASP:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:39:ASP:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:39:ASP:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:39:ASP:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:39:ASP:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:39:ASP:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:39:ASP:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:39:ASP:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:39:ASP:OD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:39:ASP:OD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CA	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:46:ALA:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:46:ALA:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:46:ALA:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:46:ALA:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HB1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:46:ALA:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:46:ALA:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:47:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:47:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:47:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:47:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:47:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:47:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:47:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HA	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HE3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HZ1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HZ2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HZ3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:NZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HE21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HE22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HG3	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:N	1:A:51:GLU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:OE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:52:ASP:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:52:ASP:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:52:ASP:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:52:ASP:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:52:ASP:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:52:ASP:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:52:ASP:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:52:ASP:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:52:ASP:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:52:ASP:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:52:ASP:OD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:52:ASP:OD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:OE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HD1	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:ND1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH11	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:NE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:NH1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:NH2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HG3	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:NE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:NH1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:NH2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:75:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:75:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:75:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:75:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:75:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:75:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:75:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:76:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:76:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:76:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:76:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:76:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:76:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:N	1:A:76:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HE21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HE22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:C	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:9:THR:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:9:THR:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:9:THR:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:9:THR:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:9:THR:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:9:THR:HA	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:O	1:A:9:THR:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:9:THR:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:9:THR:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:9:THR:OG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:10:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:10:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:10:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:10:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:10:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:10:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:10:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAC	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAI	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAJ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAO	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAR	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAS	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:HAA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:NAQ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:OAH	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:SAL	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:SG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:14:THR:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:14:THR:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:14:THR:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:14:THR:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:14:THR:H	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:O	1:A:14:THR:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:14:THR:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:14:THR:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:14:THR:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:14:THR:OG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:39:ASP:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:39:ASP:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:39:ASP:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:39:ASP:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:39:ASP:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:39:ASP:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:39:ASP:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:39:ASP:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:39:ASP:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:39:ASP:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:39:ASP:OD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:39:ASP:OD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:46:ALA:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:46:ALA:CA	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:O	1:A:46:ALA:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:46:ALA:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HB1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:46:ALA:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:46:ALA:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:47:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:47:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:47:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:47:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:47:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:47:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:47:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HE3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HZ1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HZ2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HZ3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:NZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CG	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:O	1:A:49:GLN:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HE21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HE22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:OE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:52:ASP:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:52:ASP:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:52:ASP:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:52:ASP:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:52:ASP:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:52:ASP:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:52:ASP:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:52:ASP:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:52:ASP:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:52:ASP:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:52:ASP:OD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:52:ASP:OD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CB	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:OE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:ND1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD12	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:NE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:NH1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:NH2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD11	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:NE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:NH1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:NH2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:75:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:75:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:75:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:75:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:75:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:75:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:75:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:76:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:76:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:76:GLY:H	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:O	1:A:76:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:76:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:76:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:O	1:A:76:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HE21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HE22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD11	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:OG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAB	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAC	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAI	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAJ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAO	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAR	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAS	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:HAA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:NAQ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:OAH	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:SAL	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:SG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:OG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:O	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:OD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:OD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HB1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CD	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HE3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HZ1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HZ2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HZ3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:NZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HE21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HE22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HA	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:OE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:OD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:OD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:OE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:H	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:ND1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HD3	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:NE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:NH1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:NH2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HD2	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:NE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:NH1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:NH2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HE21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HE22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:NE2	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:CA	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:OG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAC	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAI	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAJ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAO	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAR	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAS	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:HAA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:NAQ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:OAH	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:SAL	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:SG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:C	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:OG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:OD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:OD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CG1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG23	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HB1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HE3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HZ1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HZ2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HZ3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:NZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:C	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HE21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HE22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:OE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:OD1	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:OD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:OE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:OE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HE1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:ND1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:NE2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HA	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:NE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:NH1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:NH2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CD1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:H	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD13	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD23	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CB	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CD	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CG	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CZ	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HB2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HB3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HD2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HD3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HG2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HG3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH11	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH12	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH21	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH22	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:NE	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:NH1	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:NH2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:N	8	3.85	0.2	3.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:O	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:C	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:CA	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:H	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:HA2	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:HA3	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:N	8	3.85	0.2	3.94
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:O	8	3.85	0.2	3.94
(1,18)	2:B:50:ASP:C	1:A:2:GLN:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:2:GLN:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:2:GLN:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:2:GLN:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:2:GLN:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:2:GLN:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:2:GLN:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:2:GLN:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:2:GLN:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:2:GLN:HE21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:2:GLN:HE22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:2:GLN:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:2:GLN:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:2:GLN:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:2:GLN:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:2:GLN:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:2:GLN:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:HB2	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:C	1:A:8:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:8:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:9:THR:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:9:THR:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:9:THR:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:9:THR:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:9:THR:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:9:THR:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:9:THR:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:9:THR:HG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:9:THR:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:9:THR:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:9:THR:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:9:THR:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:9:THR:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:9:THR:OG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:10:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:10:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:10:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:10:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:10:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:10:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:10:GLY:O	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:C	1:A:12:3X9:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:12:3X9:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:12:3X9:CAA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:12:3X9:CAB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:12:3X9:CAC	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:12:3X9:CAD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:12:3X9:CAI	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:12:3X9:CAJ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:12:3X9:CAO	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:12:3X9:CAR	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:12:3X9:CAS	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:12:3X9:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:12:3X9:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:12:3X9:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:12:3X9:HAA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:12:3X9:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:12:3X9:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:12:3X9:NAQ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:12:3X9:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:12:3X9:OAH	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:12:3X9:SAL	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:12:3X9:SG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:14:THR:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:14:THR:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:14:THR:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:14:THR:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:14:THR:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:14:THR:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:14:THR:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:14:THR:HG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:14:THR:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:14:THR:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:14:THR:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:14:THR:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:14:THR:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:14:THR:OG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:39:ASP:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:39:ASP:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:39:ASP:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:39:ASP:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:39:ASP:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:39:ASP:HA	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:C	1:A:39:ASP:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:39:ASP:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:39:ASP:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:39:ASP:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:39:ASP:OD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:39:ASP:OD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:44:ILE:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:44:ILE:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:44:ILE:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:44:ILE:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:44:ILE:CG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:44:ILE:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:44:ILE:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:44:ILE:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:44:ILE:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:44:ILE:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:44:ILE:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:44:ILE:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:44:ILE:HG12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:44:ILE:HG13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:44:ILE:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:44:ILE:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:44:ILE:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:44:ILE:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:44:ILE:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:46:ALA:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:46:ALA:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:46:ALA:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:46:ALA:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:46:ALA:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:46:ALA:HB1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:46:ALA:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:46:ALA:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:46:ALA:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:46:ALA:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:47:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:47:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:47:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:47:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:47:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:47:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:47:GLY:O	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:C	1:A:48:LYS:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:48:LYS:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:48:LYS:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:48:LYS:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:48:LYS:CE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:48:LYS:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:48:LYS:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:48:LYS:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:48:LYS:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:48:LYS:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:48:LYS:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:48:LYS:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:48:LYS:HE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:48:LYS:HE3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:48:LYS:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:48:LYS:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:48:LYS:HZ1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:48:LYS:HZ2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:48:LYS:HZ3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:48:LYS:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:48:LYS:NZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:48:LYS:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:49:GLN:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:49:GLN:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:49:GLN:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:49:GLN:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:49:GLN:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:49:GLN:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:49:GLN:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:49:GLN:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:49:GLN:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:49:GLN:HE21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:49:GLN:HE22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:49:GLN:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:49:GLN:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:49:GLN:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:49:GLN:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:49:GLN:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:49:GLN:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:51:GLU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:51:GLU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:51:GLU:CB	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:C	1:A:51:GLU:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:51:GLU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:51:GLU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:51:GLU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:51:GLU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:51:GLU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:51:GLU:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:51:GLU:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:51:GLU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:51:GLU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:51:GLU:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:51:GLU:OE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:52:ASP:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:52:ASP:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:52:ASP:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:52:ASP:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:52:ASP:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:52:ASP:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:52:ASP:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:52:ASP:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:52:ASP:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:52:ASP:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:52:ASP:OD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:52:ASP:OD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:64:GLU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:64:GLU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:64:GLU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:64:GLU:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:64:GLU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:64:GLU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:64:GLU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:64:GLU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:64:GLU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:64:GLU:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:64:GLU:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:64:GLU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:64:GLU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:64:GLU:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:64:GLU:OE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:68:HIS:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:68:HIS:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:68:HIS:CB	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:C	1:A:68:HIS:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:68:HIS:CE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:68:HIS:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:68:HIS:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:68:HIS:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:68:HIS:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:68:HIS:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:68:HIS:HD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:68:HIS:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:68:HIS:HE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:68:HIS:HE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:68:HIS:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:68:HIS:ND1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:68:HIS:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:68:HIS:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:71:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:71:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:71:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:71:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:71:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:71:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:71:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:71:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:71:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:71:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:71:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:71:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:71:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:71:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:71:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:71:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:71:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:71:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:71:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:72:ARG:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:72:ARG:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:72:ARG:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:72:ARG:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:72:ARG:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:72:ARG:CZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:72:ARG:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:72:ARG:HA	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:C	1:A:72:ARG:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:72:ARG:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:72:ARG:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:72:ARG:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:72:ARG:HE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:72:ARG:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:72:ARG:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:72:ARG:HH11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:72:ARG:HH12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:72:ARG:HH21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:72:ARG:HH22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:72:ARG:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:72:ARG:NE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:72:ARG:NH1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:72:ARG:NH2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:72:ARG:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:73:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:73:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:73:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:73:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:73:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:73:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:73:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:73:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:73:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:73:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:73:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:73:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:73:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:73:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:73:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:73:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:73:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:73:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:73:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:74:ARG:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:74:ARG:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:74:ARG:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:74:ARG:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:74:ARG:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:74:ARG:CZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:74:ARG:H	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:C	1:A:74:ARG:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:74:ARG:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:74:ARG:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:74:ARG:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:74:ARG:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:74:ARG:HE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:74:ARG:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:74:ARG:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:74:ARG:HH11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:74:ARG:HH12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:74:ARG:HH21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:74:ARG:HH22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:74:ARG:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:74:ARG:NE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:74:ARG:NH1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:74:ARG:NH2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:74:ARG:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:75:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:75:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:75:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:75:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:75:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:75:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:75:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:76:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:76:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:76:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:76:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:76:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:76:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:C	1:A:76:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:2:GLN:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:2:GLN:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:2:GLN:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:2:GLN:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:2:GLN:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:2:GLN:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:2:GLN:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:2:GLN:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:2:GLN:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:2:GLN:HE21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:2:GLN:HE22	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:CA	1:A:2:GLN:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:2:GLN:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:2:GLN:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:2:GLN:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:2:GLN:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:2:GLN:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:N	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:8:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:9:THR:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:9:THR:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:9:THR:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:9:THR:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:9:THR:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:9:THR:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:9:THR:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:9:THR:HG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:9:THR:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:9:THR:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:9:THR:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:9:THR:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:9:THR:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:9:THR:OG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:10:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:10:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:10:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:10:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:10:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:10:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:10:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:12:3X9:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:12:3X9:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:12:3X9:CAA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:12:3X9:CAB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:12:3X9:CAC	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:12:3X9:CAD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:12:3X9:CAI	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:12:3X9:CAJ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:12:3X9:CAO	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:12:3X9:CAR	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:12:3X9:CAS	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:12:3X9:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:12:3X9:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:12:3X9:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:12:3X9:HAA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:12:3X9:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:12:3X9:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:12:3X9:NAQ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:12:3X9:O	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:CA	1:A:12:3X9:OAH	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:12:3X9:SAL	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:12:3X9:SG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:14:THR:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:14:THR:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:14:THR:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:14:THR:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:14:THR:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:14:THR:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:14:THR:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:14:THR:HG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:14:THR:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:14:THR:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:14:THR:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:14:THR:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:14:THR:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:14:THR:OG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:39:ASP:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:39:ASP:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:39:ASP:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:39:ASP:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:39:ASP:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:39:ASP:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:39:ASP:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:39:ASP:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:39:ASP:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:39:ASP:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:39:ASP:OD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:39:ASP:OD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:44:ILE:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:44:ILE:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:44:ILE:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:44:ILE:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:44:ILE:CG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:44:ILE:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:44:ILE:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:44:ILE:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:44:ILE:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:44:ILE:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:44:ILE:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:44:ILE:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:44:ILE:HG12	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:CA	1:A:44:ILE:HG13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:44:ILE:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:44:ILE:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:44:ILE:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:44:ILE:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:44:ILE:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:46:ALA:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:46:ALA:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:46:ALA:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:46:ALA:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:46:ALA:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:46:ALA:HB1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:46:ALA:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:46:ALA:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:46:ALA:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:46:ALA:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:47:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:47:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:47:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:47:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:47:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:47:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:47:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:48:LYS:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:48:LYS:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:48:LYS:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:48:LYS:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:48:LYS:CE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:48:LYS:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:48:LYS:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:48:LYS:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:48:LYS:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:48:LYS:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:48:LYS:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:48:LYS:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:48:LYS:HE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:48:LYS:HE3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:48:LYS:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:48:LYS:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:48:LYS:HZ1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:48:LYS:HZ2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:48:LYS:HZ3	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:CA	1:A:48:LYS:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:48:LYS:NZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:48:LYS:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:49:GLN:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:49:GLN:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:49:GLN:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:49:GLN:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:49:GLN:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:49:GLN:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:49:GLN:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:49:GLN:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:49:GLN:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:49:GLN:HE21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:49:GLN:HE22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:49:GLN:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:49:GLN:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:49:GLN:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:49:GLN:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:49:GLN:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:49:GLN:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:51:GLU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:51:GLU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:51:GLU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:51:GLU:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:51:GLU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:51:GLU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:51:GLU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:51:GLU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:51:GLU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:51:GLU:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:51:GLU:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:51:GLU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:51:GLU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:51:GLU:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:51:GLU:OE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:52:ASP:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:52:ASP:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:52:ASP:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:52:ASP:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:52:ASP:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:52:ASP:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:52:ASP:HB2	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:CA	1:A:52:ASP:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:52:ASP:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:52:ASP:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:52:ASP:OD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:52:ASP:OD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:64:GLU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:64:GLU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:64:GLU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:64:GLU:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:64:GLU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:64:GLU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:64:GLU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:64:GLU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:64:GLU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:64:GLU:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:64:GLU:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:64:GLU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:64:GLU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:64:GLU:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:64:GLU:OE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:68:HIS:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:68:HIS:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:68:HIS:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:68:HIS:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:68:HIS:CE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:68:HIS:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:68:HIS:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:68:HIS:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:68:HIS:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:68:HIS:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:68:HIS:HD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:68:HIS:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:68:HIS:HE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:68:HIS:HE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:68:HIS:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:68:HIS:ND1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:68:HIS:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:68:HIS:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:71:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:71:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:71:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:71:LEU:CD1	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:CA	1:A:71:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:71:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:71:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:71:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:71:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:71:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:71:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:71:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:71:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:71:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:71:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:71:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:71:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:71:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:71:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:72:ARG:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:72:ARG:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:72:ARG:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:72:ARG:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:72:ARG:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:72:ARG:CZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:72:ARG:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:72:ARG:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:72:ARG:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:72:ARG:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:72:ARG:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:72:ARG:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:72:ARG:HE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:72:ARG:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:72:ARG:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:72:ARG:HH11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:72:ARG:HH12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:72:ARG:HH21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:72:ARG:HH22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:72:ARG:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:72:ARG:NE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:72:ARG:NH1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:72:ARG:NH2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:72:ARG:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:73:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:73:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:73:LEU:CB	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:CA	1:A:73:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:73:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:73:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:73:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:73:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:73:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:73:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:73:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:73:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:73:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:73:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:73:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:73:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:73:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:73:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:73:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:74:ARG:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:74:ARG:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:74:ARG:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:74:ARG:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:74:ARG:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:74:ARG:CZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:74:ARG:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:74:ARG:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:74:ARG:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:74:ARG:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:74:ARG:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:74:ARG:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:74:ARG:HE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:74:ARG:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:74:ARG:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:74:ARG:HH11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:74:ARG:HH12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:74:ARG:HH21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:74:ARG:HH22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:74:ARG:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:74:ARG:NE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:74:ARG:NH1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:74:ARG:NH2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:74:ARG:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:75:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:75:GLY:CA	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:CA	1:A:75:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:75:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:75:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:75:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:75:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:76:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:76:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:76:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:76:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:76:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:76:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CA	1:A:76:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:2:GLN:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:2:GLN:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:2:GLN:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:2:GLN:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:2:GLN:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:2:GLN:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:2:GLN:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:2:GLN:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:2:GLN:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:2:GLN:HE21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:2:GLN:HE22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:2:GLN:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:2:GLN:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:2:GLN:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:2:GLN:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:2:GLN:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:2:GLN:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:H	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:8:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:9:THR:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:9:THR:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:9:THR:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:9:THR:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:9:THR:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:9:THR:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:9:THR:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:9:THR:HG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:9:THR:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:9:THR:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:9:THR:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:9:THR:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:9:THR:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:9:THR:OG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:10:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:10:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:10:GLY:H	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:CB	1:A:10:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:10:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:10:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:10:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:12:3X9:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:12:3X9:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:12:3X9:CAA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:12:3X9:CAB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:12:3X9:CAC	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:12:3X9:CAD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:12:3X9:CAI	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:12:3X9:CAJ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:12:3X9:CAO	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:12:3X9:CAR	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:12:3X9:CAS	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:12:3X9:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:12:3X9:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:12:3X9:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:12:3X9:HAA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:12:3X9:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:12:3X9:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:12:3X9:NAQ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:12:3X9:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:12:3X9:OAH	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:12:3X9:SAL	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:12:3X9:SG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:14:THR:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:14:THR:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:14:THR:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:14:THR:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:14:THR:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:14:THR:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:14:THR:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:14:THR:HG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:14:THR:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:14:THR:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:14:THR:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:14:THR:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:14:THR:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:14:THR:OG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:39:ASP:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:39:ASP:CA	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:CB	1:A:39:ASP:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:39:ASP:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:39:ASP:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:39:ASP:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:39:ASP:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:39:ASP:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:39:ASP:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:39:ASP:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:39:ASP:OD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:39:ASP:OD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:44:ILE:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:44:ILE:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:44:ILE:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:44:ILE:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:44:ILE:CG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:44:ILE:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:44:ILE:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:44:ILE:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:44:ILE:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:44:ILE:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:44:ILE:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:44:ILE:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:44:ILE:HG12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:44:ILE:HG13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:44:ILE:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:44:ILE:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:44:ILE:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:44:ILE:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:44:ILE:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:46:ALA:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:46:ALA:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:46:ALA:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:46:ALA:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:46:ALA:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:46:ALA:HB1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:46:ALA:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:46:ALA:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:46:ALA:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:46:ALA:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:47:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:47:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:47:GLY:H	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:CB	1:A:47:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:47:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:47:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:47:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:48:LYS:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:48:LYS:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:48:LYS:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:48:LYS:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:48:LYS:CE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:48:LYS:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:48:LYS:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:48:LYS:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:48:LYS:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:48:LYS:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:48:LYS:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:48:LYS:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:48:LYS:HE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:48:LYS:HE3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:48:LYS:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:48:LYS:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:48:LYS:HZ1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:48:LYS:HZ2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:48:LYS:HZ3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:48:LYS:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:48:LYS:NZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:48:LYS:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:49:GLN:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:49:GLN:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:49:GLN:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:49:GLN:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:49:GLN:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:49:GLN:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:49:GLN:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:49:GLN:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:49:GLN:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:49:GLN:HE21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:49:GLN:HE22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:49:GLN:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:49:GLN:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:49:GLN:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:49:GLN:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:49:GLN:O	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:CB	1:A:49:GLN:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:51:GLU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:51:GLU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:51:GLU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:51:GLU:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:51:GLU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:51:GLU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:51:GLU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:51:GLU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:51:GLU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:51:GLU:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:51:GLU:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:51:GLU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:51:GLU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:51:GLU:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:51:GLU:OE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:52:ASP:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:52:ASP:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:52:ASP:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:52:ASP:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:52:ASP:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:52:ASP:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:52:ASP:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:52:ASP:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:52:ASP:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:52:ASP:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:52:ASP:OD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:52:ASP:OD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:64:GLU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:64:GLU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:64:GLU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:64:GLU:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:64:GLU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:64:GLU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:64:GLU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:64:GLU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:64:GLU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:64:GLU:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:64:GLU:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:64:GLU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:64:GLU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:64:GLU:OE1	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:CB	1:A:64:GLU:OE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:68:HIS:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:68:HIS:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:68:HIS:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:68:HIS:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:68:HIS:CE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:68:HIS:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:68:HIS:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:68:HIS:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:68:HIS:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:68:HIS:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:68:HIS:HD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:68:HIS:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:68:HIS:HE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:68:HIS:HE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:68:HIS:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:68:HIS:ND1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:68:HIS:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:68:HIS:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:71:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:71:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:71:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:71:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:71:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:71:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:71:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:71:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:71:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:71:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:71:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:71:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:71:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:71:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:71:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:71:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:71:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:71:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:71:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:72:ARG:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:72:ARG:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:72:ARG:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:72:ARG:CD	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:CB	1:A:72:ARG:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:72:ARG:CZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:72:ARG:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:72:ARG:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:72:ARG:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:72:ARG:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:72:ARG:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:72:ARG:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:72:ARG:HE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:72:ARG:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:72:ARG:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:72:ARG:HH11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:72:ARG:HH12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:72:ARG:HH21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:72:ARG:HH22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:72:ARG:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:72:ARG:NE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:72:ARG:NH1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:72:ARG:NH2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:72:ARG:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:73:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:73:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:73:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:73:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:73:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:73:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:73:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:73:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:73:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:73:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:73:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:73:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:73:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:73:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:73:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:73:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:73:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:73:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:73:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:74:ARG:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:74:ARG:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:74:ARG:CB	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:CB	1:A:74:ARG:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:74:ARG:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:74:ARG:CZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:74:ARG:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:74:ARG:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:74:ARG:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:74:ARG:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:74:ARG:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:74:ARG:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:74:ARG:HE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:74:ARG:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:74:ARG:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:74:ARG:HH11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:74:ARG:HH12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:74:ARG:HH21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:74:ARG:HH22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:74:ARG:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:74:ARG:NE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:74:ARG:NH1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:74:ARG:NH2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:74:ARG:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:75:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:75:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:75:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:75:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:75:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:75:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:75:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:76:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:76:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:76:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:76:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:76:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:76:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CB	1:A:76:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:2:GLN:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:2:GLN:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:2:GLN:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:2:GLN:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:2:GLN:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:2:GLN:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:2:GLN:HA	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:CG	1:A:2:GLN:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:2:GLN:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:2:GLN:HE21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:2:GLN:HE22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:2:GLN:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:2:GLN:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:2:GLN:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:2:GLN:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:2:GLN:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:2:GLN:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:HD23	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:8:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:9:THR:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:9:THR:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:9:THR:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:9:THR:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:9:THR:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:9:THR:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:9:THR:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:9:THR:HG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:9:THR:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:9:THR:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:9:THR:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:9:THR:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:9:THR:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:9:THR:OG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:10:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:10:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:10:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:10:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:10:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:10:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:10:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:12:3X9:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:12:3X9:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:12:3X9:CAA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:12:3X9:CAB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:12:3X9:CAC	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:12:3X9:CAD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:12:3X9:CAI	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:12:3X9:CAJ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:12:3X9:CAO	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:12:3X9:CAR	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:12:3X9:CAS	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:12:3X9:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:12:3X9:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:12:3X9:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:12:3X9:HAA	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:CG	1:A:12:3X9:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:12:3X9:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:12:3X9:NAQ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:12:3X9:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:12:3X9:OAH	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:12:3X9:SAL	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:12:3X9:SG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:14:THR:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:14:THR:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:14:THR:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:14:THR:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:14:THR:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:14:THR:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:14:THR:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:14:THR:HG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:14:THR:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:14:THR:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:14:THR:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:14:THR:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:14:THR:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:14:THR:OG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:39:ASP:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:39:ASP:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:39:ASP:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:39:ASP:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:39:ASP:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:39:ASP:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:39:ASP:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:39:ASP:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:39:ASP:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:39:ASP:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:39:ASP:OD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:39:ASP:OD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:44:ILE:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:44:ILE:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:44:ILE:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:44:ILE:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:44:ILE:CG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:44:ILE:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:44:ILE:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:44:ILE:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:44:ILE:HB	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:CG	1:A:44:ILE:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:44:ILE:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:44:ILE:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:44:ILE:HG12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:44:ILE:HG13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:44:ILE:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:44:ILE:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:44:ILE:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:44:ILE:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:44:ILE:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:46:ALA:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:46:ALA:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:46:ALA:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:46:ALA:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:46:ALA:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:46:ALA:HB1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:46:ALA:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:46:ALA:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:46:ALA:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:46:ALA:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:47:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:47:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:47:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:47:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:47:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:47:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:47:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:48:LYS:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:48:LYS:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:48:LYS:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:48:LYS:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:48:LYS:CE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:48:LYS:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:48:LYS:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:48:LYS:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:48:LYS:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:48:LYS:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:48:LYS:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:48:LYS:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:48:LYS:HE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:48:LYS:HE3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:48:LYS:HG2	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:CG	1:A:48:LYS:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:48:LYS:HZ1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:48:LYS:HZ2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:48:LYS:HZ3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:48:LYS:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:48:LYS:NZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:48:LYS:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:49:GLN:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:49:GLN:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:49:GLN:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:49:GLN:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:49:GLN:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:49:GLN:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:49:GLN:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:49:GLN:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:49:GLN:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:49:GLN:HE21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:49:GLN:HE22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:49:GLN:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:49:GLN:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:49:GLN:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:49:GLN:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:49:GLN:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:49:GLN:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:51:GLU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:51:GLU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:51:GLU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:51:GLU:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:51:GLU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:51:GLU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:51:GLU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:51:GLU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:51:GLU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:51:GLU:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:51:GLU:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:51:GLU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:51:GLU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:51:GLU:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:51:GLU:OE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:52:ASP:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:52:ASP:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:52:ASP:CB	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:CG	1:A:52:ASP:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:52:ASP:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:52:ASP:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:52:ASP:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:52:ASP:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:52:ASP:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:52:ASP:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:52:ASP:OD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:52:ASP:OD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:64:GLU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:64:GLU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:64:GLU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:64:GLU:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:64:GLU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:64:GLU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:64:GLU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:64:GLU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:64:GLU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:64:GLU:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:64:GLU:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:64:GLU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:64:GLU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:64:GLU:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:64:GLU:OE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:68:HIS:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:68:HIS:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:68:HIS:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:68:HIS:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:68:HIS:CE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:68:HIS:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:68:HIS:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:68:HIS:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:68:HIS:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:68:HIS:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:68:HIS:HD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:68:HIS:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:68:HIS:HE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:68:HIS:HE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:68:HIS:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:68:HIS:ND1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:68:HIS:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:68:HIS:O	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:CG	1:A:71:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:71:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:71:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:71:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:71:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:71:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:71:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:71:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:71:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:71:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:71:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:71:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:71:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:71:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:71:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:71:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:71:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:71:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:71:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:72:ARG:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:72:ARG:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:72:ARG:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:72:ARG:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:72:ARG:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:72:ARG:CZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:72:ARG:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:72:ARG:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:72:ARG:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:72:ARG:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:72:ARG:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:72:ARG:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:72:ARG:HE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:72:ARG:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:72:ARG:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:72:ARG:HH11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:72:ARG:HH12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:72:ARG:HH21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:72:ARG:HH22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:72:ARG:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:72:ARG:NE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:72:ARG:NH1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:72:ARG:NH2	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:CG	1:A:72:ARG:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:73:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:73:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:73:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:73:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:73:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:73:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:73:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:73:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:73:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:73:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:73:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:73:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:73:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:73:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:73:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:73:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:73:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:73:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:73:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:74:ARG:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:74:ARG:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:74:ARG:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:74:ARG:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:74:ARG:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:74:ARG:CZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:74:ARG:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:74:ARG:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:74:ARG:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:74:ARG:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:74:ARG:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:74:ARG:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:74:ARG:HE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:74:ARG:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:74:ARG:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:74:ARG:HH11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:74:ARG:HH12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:74:ARG:HH21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:74:ARG:HH22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:74:ARG:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:74:ARG:NE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:74:ARG:NH1	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:CG	1:A:74:ARG:NH2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:74:ARG:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:75:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:75:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:75:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:75:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:75:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:75:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:75:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:76:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:76:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:76:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:76:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:76:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:76:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:CG	1:A:76:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:2:GLN:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:2:GLN:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:2:GLN:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:2:GLN:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:2:GLN:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:2:GLN:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:2:GLN:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:2:GLN:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:2:GLN:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:2:GLN:HE21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:2:GLN:HE22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:2:GLN:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:2:GLN:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:2:GLN:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:2:GLN:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:2:GLN:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:2:GLN:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:CD2	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:H	1:A:8:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:8:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:9:THR:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:9:THR:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:9:THR:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:9:THR:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:9:THR:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:9:THR:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:9:THR:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:9:THR:HG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:9:THR:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:9:THR:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:9:THR:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:9:THR:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:9:THR:O	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:H	1:A:9:THR:OG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:10:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:10:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:10:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:10:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:10:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:10:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:10:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:12:3X9:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:12:3X9:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:12:3X9:CAA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:12:3X9:CAB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:12:3X9:CAC	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:12:3X9:CAD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:12:3X9:CAI	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:12:3X9:CAJ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:12:3X9:CAO	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:12:3X9:CAR	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:12:3X9:CAS	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:12:3X9:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:12:3X9:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:12:3X9:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:12:3X9:HAA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:12:3X9:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:12:3X9:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:12:3X9:NAQ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:12:3X9:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:12:3X9:OAH	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:12:3X9:SAL	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:12:3X9:SG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:14:THR:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:14:THR:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:14:THR:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:14:THR:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:14:THR:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:14:THR:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:14:THR:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:14:THR:HG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:14:THR:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:14:THR:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:14:THR:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:14:THR:N	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:H	1:A:14:THR:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:14:THR:OG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:39:ASP:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:39:ASP:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:39:ASP:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:39:ASP:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:39:ASP:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:39:ASP:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:39:ASP:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:39:ASP:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:39:ASP:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:39:ASP:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:39:ASP:OD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:39:ASP:OD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:44:ILE:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:44:ILE:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:44:ILE:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:44:ILE:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:44:ILE:CG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:44:ILE:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:44:ILE:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:44:ILE:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:44:ILE:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:44:ILE:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:44:ILE:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:44:ILE:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:44:ILE:HG12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:44:ILE:HG13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:44:ILE:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:44:ILE:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:44:ILE:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:44:ILE:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:44:ILE:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:46:ALA:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:46:ALA:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:46:ALA:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:46:ALA:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:46:ALA:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:46:ALA:HB1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:46:ALA:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:46:ALA:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:46:ALA:N	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:H	1:A:46:ALA:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:47:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:47:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:47:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:47:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:47:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:47:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:47:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:48:LYS:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:48:LYS:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:48:LYS:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:48:LYS:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:48:LYS:CE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:48:LYS:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:48:LYS:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:48:LYS:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:48:LYS:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:48:LYS:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:48:LYS:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:48:LYS:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:48:LYS:HE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:48:LYS:HE3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:48:LYS:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:48:LYS:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:48:LYS:HZ1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:48:LYS:HZ2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:48:LYS:HZ3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:48:LYS:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:48:LYS:NZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:48:LYS:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:49:GLN:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:49:GLN:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:49:GLN:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:49:GLN:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:49:GLN:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:49:GLN:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:49:GLN:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:49:GLN:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:49:GLN:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:49:GLN:HE21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:49:GLN:HE22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:49:GLN:HG2	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:H	1:A:49:GLN:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:49:GLN:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:49:GLN:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:49:GLN:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:49:GLN:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:51:GLU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:51:GLU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:51:GLU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:51:GLU:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:51:GLU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:51:GLU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:51:GLU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:51:GLU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:51:GLU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:51:GLU:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:51:GLU:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:51:GLU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:51:GLU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:51:GLU:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:51:GLU:OE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:52:ASP:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:52:ASP:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:52:ASP:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:52:ASP:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:52:ASP:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:52:ASP:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:52:ASP:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:52:ASP:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:52:ASP:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:52:ASP:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:52:ASP:OD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:52:ASP:OD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:64:GLU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:64:GLU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:64:GLU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:64:GLU:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:64:GLU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:64:GLU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:64:GLU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:64:GLU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:64:GLU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:64:GLU:HG2	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:H	1:A:64:GLU:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:64:GLU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:64:GLU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:64:GLU:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:64:GLU:OE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:68:HIS:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:68:HIS:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:68:HIS:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:68:HIS:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:68:HIS:CE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:68:HIS:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:68:HIS:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:68:HIS:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:68:HIS:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:68:HIS:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:68:HIS:HD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:68:HIS:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:68:HIS:HE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:68:HIS:HE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:68:HIS:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:68:HIS:ND1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:68:HIS:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:68:HIS:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:71:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:71:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:71:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:71:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:71:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:71:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:71:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:71:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:71:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:71:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:71:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:71:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:71:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:71:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:71:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:71:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:71:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:71:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:71:LEU:O	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:H	1:A:72:ARG:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:72:ARG:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:72:ARG:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:72:ARG:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:72:ARG:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:72:ARG:CZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:72:ARG:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:72:ARG:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:72:ARG:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:72:ARG:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:72:ARG:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:72:ARG:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:72:ARG:HE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:72:ARG:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:72:ARG:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:72:ARG:HH11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:72:ARG:HH12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:72:ARG:HH21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:72:ARG:HH22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:72:ARG:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:72:ARG:NE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:72:ARG:NH1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:72:ARG:NH2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:72:ARG:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:73:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:73:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:73:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:73:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:73:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:73:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:73:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:73:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:73:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:73:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:73:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:73:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:73:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:73:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:73:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:73:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:73:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:73:LEU:N	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:H	1:A:73:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:74:ARG:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:74:ARG:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:74:ARG:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:74:ARG:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:74:ARG:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:74:ARG:CZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:74:ARG:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:74:ARG:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:74:ARG:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:74:ARG:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:74:ARG:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:74:ARG:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:74:ARG:HE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:74:ARG:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:74:ARG:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:74:ARG:HH11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:74:ARG:HH12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:74:ARG:HH21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:74:ARG:HH22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:74:ARG:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:74:ARG:NE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:74:ARG:NH1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:74:ARG:NH2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:74:ARG:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:75:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:75:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:75:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:75:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:75:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:75:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:75:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:76:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:76:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:76:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:76:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:76:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:76:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:H	1:A:76:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:2:GLN:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:2:GLN:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:2:GLN:CB	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:HA	1:A:2:GLN:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:2:GLN:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:2:GLN:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:2:GLN:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:2:GLN:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:2:GLN:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:2:GLN:HE21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:2:GLN:HE22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:2:GLN:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:2:GLN:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:2:GLN:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:2:GLN:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:2:GLN:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:2:GLN:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:HD21	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:8:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:9:THR:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:9:THR:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:9:THR:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:9:THR:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:9:THR:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:9:THR:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:9:THR:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:9:THR:HG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:9:THR:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:9:THR:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:9:THR:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:9:THR:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:9:THR:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:9:THR:OG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:10:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:10:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:10:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:10:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:10:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:10:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:10:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:12:3X9:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:12:3X9:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:12:3X9:CAA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:12:3X9:CAB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:12:3X9:CAC	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:12:3X9:CAD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:12:3X9:CAI	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:12:3X9:CAJ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:12:3X9:CAO	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:12:3X9:CAR	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:12:3X9:CAS	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:HA	1:A:12:3X9:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:12:3X9:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:12:3X9:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:12:3X9:HAA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:12:3X9:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:12:3X9:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:12:3X9:NAQ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:12:3X9:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:12:3X9:OAH	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:12:3X9:SAL	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:12:3X9:SG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:14:THR:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:14:THR:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:14:THR:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:14:THR:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:14:THR:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:14:THR:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:14:THR:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:14:THR:HG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:14:THR:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:14:THR:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:14:THR:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:14:THR:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:14:THR:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:14:THR:OG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:39:ASP:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:39:ASP:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:39:ASP:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:39:ASP:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:39:ASP:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:39:ASP:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:39:ASP:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:39:ASP:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:39:ASP:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:39:ASP:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:39:ASP:OD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:39:ASP:OD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:44:ILE:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:44:ILE:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:44:ILE:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:44:ILE:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:44:ILE:CG1	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:HA	1:A:44:ILE:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:44:ILE:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:44:ILE:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:44:ILE:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:44:ILE:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:44:ILE:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:44:ILE:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:44:ILE:HG12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:44:ILE:HG13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:44:ILE:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:44:ILE:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:44:ILE:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:44:ILE:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:44:ILE:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:46:ALA:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:46:ALA:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:46:ALA:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:46:ALA:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:46:ALA:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:46:ALA:HB1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:46:ALA:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:46:ALA:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:46:ALA:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:46:ALA:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:47:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:47:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:47:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:47:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:47:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:47:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:47:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:48:LYS:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:48:LYS:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:48:LYS:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:48:LYS:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:48:LYS:CE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:48:LYS:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:48:LYS:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:48:LYS:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:48:LYS:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:48:LYS:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:48:LYS:HD2	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:HA	1:A:48:LYS:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:48:LYS:HE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:48:LYS:HE3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:48:LYS:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:48:LYS:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:48:LYS:HZ1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:48:LYS:HZ2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:48:LYS:HZ3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:48:LYS:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:48:LYS:NZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:48:LYS:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:49:GLN:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:49:GLN:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:49:GLN:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:49:GLN:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:49:GLN:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:49:GLN:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:49:GLN:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:49:GLN:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:49:GLN:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:49:GLN:HE21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:49:GLN:HE22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:49:GLN:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:49:GLN:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:49:GLN:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:49:GLN:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:49:GLN:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:49:GLN:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:51:GLU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:51:GLU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:51:GLU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:51:GLU:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:51:GLU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:51:GLU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:51:GLU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:51:GLU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:51:GLU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:51:GLU:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:51:GLU:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:51:GLU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:51:GLU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:51:GLU:OE1	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:HA	1:A:51:GLU:OE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:52:ASP:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:52:ASP:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:52:ASP:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:52:ASP:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:52:ASP:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:52:ASP:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:52:ASP:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:52:ASP:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:52:ASP:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:52:ASP:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:52:ASP:OD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:52:ASP:OD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:64:GLU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:64:GLU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:64:GLU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:64:GLU:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:64:GLU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:64:GLU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:64:GLU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:64:GLU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:64:GLU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:64:GLU:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:64:GLU:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:64:GLU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:64:GLU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:64:GLU:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:64:GLU:OE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:68:HIS:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:68:HIS:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:68:HIS:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:68:HIS:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:68:HIS:CE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:68:HIS:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:68:HIS:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:68:HIS:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:68:HIS:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:68:HIS:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:68:HIS:HD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:68:HIS:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:68:HIS:HE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:68:HIS:HE2	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:HA	1:A:68:HIS:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:68:HIS:ND1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:68:HIS:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:68:HIS:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:71:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:71:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:71:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:71:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:71:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:71:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:71:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:71:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:71:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:71:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:71:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:71:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:71:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:71:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:71:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:71:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:71:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:71:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:71:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:72:ARG:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:72:ARG:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:72:ARG:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:72:ARG:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:72:ARG:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:72:ARG:CZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:72:ARG:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:72:ARG:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:72:ARG:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:72:ARG:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:72:ARG:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:72:ARG:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:72:ARG:HE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:72:ARG:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:72:ARG:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:72:ARG:HH11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:72:ARG:HH12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:72:ARG:HH21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:72:ARG:HH22	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:HA	1:A:72:ARG:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:72:ARG:NE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:72:ARG:NH1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:72:ARG:NH2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:72:ARG:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:73:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:73:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:73:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:73:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:73:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:73:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:73:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:73:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:73:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:73:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:73:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:73:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:73:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:73:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:73:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:73:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:73:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:73:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:73:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:74:ARG:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:74:ARG:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:74:ARG:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:74:ARG:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:74:ARG:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:74:ARG:CZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:74:ARG:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:74:ARG:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:74:ARG:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:74:ARG:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:74:ARG:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:74:ARG:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:74:ARG:HE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:74:ARG:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:74:ARG:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:74:ARG:HH11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:74:ARG:HH12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:74:ARG:HH21	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:HA	1:A:74:ARG:HH22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:74:ARG:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:74:ARG:NE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:74:ARG:NH1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:74:ARG:NH2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:74:ARG:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:75:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:75:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:75:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:75:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:75:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:75:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:75:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:76:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:76:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:76:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:76:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:76:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:76:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HA	1:A:76:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:2:GLN:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:2:GLN:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:2:GLN:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:2:GLN:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:2:GLN:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:2:GLN:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:2:GLN:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:2:GLN:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:2:GLN:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:2:GLN:HE21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:2:GLN:HE22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:2:GLN:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:2:GLN:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:2:GLN:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:2:GLN:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:2:GLN:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:2:GLN:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:CB	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:8:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:9:THR:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:9:THR:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:9:THR:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:9:THR:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:9:THR:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:9:THR:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:9:THR:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:9:THR:HG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:9:THR:HG21	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:HB2	1:A:9:THR:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:9:THR:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:9:THR:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:9:THR:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:9:THR:OG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:10:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:10:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:10:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:10:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:10:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:10:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:10:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:12:3X9:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:12:3X9:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:12:3X9:CAA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:12:3X9:CAB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:12:3X9:CAC	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:12:3X9:CAD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:12:3X9:CAI	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:12:3X9:CAJ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:12:3X9:CAO	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:12:3X9:CAR	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:12:3X9:CAS	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:12:3X9:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:12:3X9:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:12:3X9:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:12:3X9:HAA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:12:3X9:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:12:3X9:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:12:3X9:NAQ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:12:3X9:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:12:3X9:OAH	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:12:3X9:SAL	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:12:3X9:SG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:14:THR:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:14:THR:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:14:THR:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:14:THR:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:14:THR:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:14:THR:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:14:THR:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:14:THR:HG1	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:HB2	1:A:14:THR:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:14:THR:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:14:THR:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:14:THR:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:14:THR:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:14:THR:OG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:39:ASP:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:39:ASP:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:39:ASP:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:39:ASP:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:39:ASP:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:39:ASP:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:39:ASP:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:39:ASP:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:39:ASP:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:39:ASP:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:39:ASP:OD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:39:ASP:OD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:44:ILE:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:44:ILE:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:44:ILE:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:44:ILE:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:44:ILE:CG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:44:ILE:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:44:ILE:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:44:ILE:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:44:ILE:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:44:ILE:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:44:ILE:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:44:ILE:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:44:ILE:HG12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:44:ILE:HG13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:44:ILE:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:44:ILE:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:44:ILE:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:44:ILE:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:44:ILE:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:46:ALA:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:46:ALA:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:46:ALA:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:46:ALA:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:46:ALA:HA	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:HB2	1:A:46:ALA:HB1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:46:ALA:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:46:ALA:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:46:ALA:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:46:ALA:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:47:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:47:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:47:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:47:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:47:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:47:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:47:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:48:LYS:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:48:LYS:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:48:LYS:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:48:LYS:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:48:LYS:CE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:48:LYS:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:48:LYS:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:48:LYS:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:48:LYS:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:48:LYS:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:48:LYS:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:48:LYS:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:48:LYS:HE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:48:LYS:HE3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:48:LYS:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:48:LYS:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:48:LYS:HZ1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:48:LYS:HZ2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:48:LYS:HZ3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:48:LYS:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:48:LYS:NZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:48:LYS:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:49:GLN:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:49:GLN:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:49:GLN:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:49:GLN:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:49:GLN:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:49:GLN:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:49:GLN:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:49:GLN:HB2	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:HB2	1:A:49:GLN:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:49:GLN:HE21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:49:GLN:HE22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:49:GLN:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:49:GLN:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:49:GLN:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:49:GLN:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:49:GLN:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:49:GLN:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:51:GLU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:51:GLU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:51:GLU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:51:GLU:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:51:GLU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:51:GLU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:51:GLU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:51:GLU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:51:GLU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:51:GLU:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:51:GLU:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:51:GLU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:51:GLU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:51:GLU:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:51:GLU:OE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:52:ASP:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:52:ASP:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:52:ASP:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:52:ASP:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:52:ASP:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:52:ASP:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:52:ASP:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:52:ASP:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:52:ASP:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:52:ASP:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:52:ASP:OD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:52:ASP:OD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:64:GLU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:64:GLU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:64:GLU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:64:GLU:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:64:GLU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:64:GLU:H	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:HB2	1:A:64:GLU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:64:GLU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:64:GLU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:64:GLU:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:64:GLU:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:64:GLU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:64:GLU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:64:GLU:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:64:GLU:OE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:68:HIS:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:68:HIS:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:68:HIS:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:68:HIS:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:68:HIS:CE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:68:HIS:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:68:HIS:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:68:HIS:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:68:HIS:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:68:HIS:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:68:HIS:HD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:68:HIS:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:68:HIS:HE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:68:HIS:HE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:68:HIS:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:68:HIS:ND1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:68:HIS:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:68:HIS:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:71:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:71:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:71:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:71:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:71:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:71:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:71:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:71:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:71:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:71:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:71:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:71:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:71:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:71:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:71:LEU:HD22	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:HB2	1:A:71:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:71:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:71:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:71:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:72:ARG:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:72:ARG:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:72:ARG:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:72:ARG:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:72:ARG:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:72:ARG:CZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:72:ARG:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:72:ARG:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:72:ARG:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:72:ARG:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:72:ARG:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:72:ARG:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:72:ARG:HE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:72:ARG:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:72:ARG:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:72:ARG:HH11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:72:ARG:HH12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:72:ARG:HH21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:72:ARG:HH22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:72:ARG:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:72:ARG:NE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:72:ARG:NH1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:72:ARG:NH2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:72:ARG:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:73:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:73:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:73:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:73:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:73:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:73:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:73:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:73:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:73:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:73:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:73:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:73:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:73:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:73:LEU:HD21	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:HB2	1:A:73:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:73:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:73:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:73:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:73:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:74:ARG:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:74:ARG:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:74:ARG:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:74:ARG:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:74:ARG:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:74:ARG:CZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:74:ARG:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:74:ARG:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:74:ARG:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:74:ARG:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:74:ARG:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:74:ARG:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:74:ARG:HE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:74:ARG:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:74:ARG:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:74:ARG:HH11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:74:ARG:HH12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:74:ARG:HH21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:74:ARG:HH22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:74:ARG:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:74:ARG:NE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:74:ARG:NH1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:74:ARG:NH2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:74:ARG:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:75:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:75:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:75:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:75:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:75:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:75:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:75:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:76:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:76:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:76:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:76:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:76:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB2	1:A:76:GLY:N	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:HB2	1:A:76:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:2:GLN:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:2:GLN:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:2:GLN:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:2:GLN:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:2:GLN:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:2:GLN:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:2:GLN:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:2:GLN:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:2:GLN:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:2:GLN:HE21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:2:GLN:HE22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:2:GLN:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:2:GLN:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:2:GLN:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:2:GLN:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:2:GLN:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:2:GLN:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:HD12	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:8:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:9:THR:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:9:THR:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:9:THR:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:9:THR:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:9:THR:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:9:THR:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:9:THR:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:9:THR:HG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:9:THR:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:9:THR:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:9:THR:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:9:THR:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:9:THR:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:9:THR:OG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:10:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:10:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:10:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:10:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:10:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:10:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:10:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:12:3X9:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:12:3X9:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:12:3X9:CAA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:12:3X9:CAB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:12:3X9:CAC	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:12:3X9:CAD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:12:3X9:CAI	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:HB3	1:A:12:3X9:CAJ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:12:3X9:CAO	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:12:3X9:CAR	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:12:3X9:CAS	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:12:3X9:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:12:3X9:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:12:3X9:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:12:3X9:HAA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:12:3X9:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:12:3X9:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:12:3X9:NAQ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:12:3X9:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:12:3X9:OAH	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:12:3X9:SAL	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:12:3X9:SG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:14:THR:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:14:THR:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:14:THR:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:14:THR:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:14:THR:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:14:THR:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:14:THR:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:14:THR:HG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:14:THR:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:14:THR:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:14:THR:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:14:THR:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:14:THR:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:14:THR:OG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:39:ASP:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:39:ASP:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:39:ASP:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:39:ASP:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:39:ASP:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:39:ASP:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:39:ASP:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:39:ASP:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:39:ASP:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:39:ASP:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:39:ASP:OD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:39:ASP:OD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:44:ILE:C	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:HB3	1:A:44:ILE:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:44:ILE:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:44:ILE:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:44:ILE:CG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:44:ILE:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:44:ILE:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:44:ILE:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:44:ILE:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:44:ILE:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:44:ILE:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:44:ILE:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:44:ILE:HG12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:44:ILE:HG13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:44:ILE:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:44:ILE:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:44:ILE:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:44:ILE:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:44:ILE:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:46:ALA:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:46:ALA:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:46:ALA:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:46:ALA:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:46:ALA:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:46:ALA:HB1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:46:ALA:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:46:ALA:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:46:ALA:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:46:ALA:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:47:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:47:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:47:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:47:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:47:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:47:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:47:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:48:LYS:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:48:LYS:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:48:LYS:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:48:LYS:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:48:LYS:CE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:48:LYS:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:48:LYS:H	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:HB3	1:A:48:LYS:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:48:LYS:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:48:LYS:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:48:LYS:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:48:LYS:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:48:LYS:HE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:48:LYS:HE3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:48:LYS:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:48:LYS:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:48:LYS:HZ1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:48:LYS:HZ2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:48:LYS:HZ3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:48:LYS:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:48:LYS:NZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:48:LYS:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:49:GLN:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:49:GLN:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:49:GLN:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:49:GLN:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:49:GLN:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:49:GLN:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:49:GLN:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:49:GLN:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:49:GLN:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:49:GLN:HE21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:49:GLN:HE22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:49:GLN:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:49:GLN:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:49:GLN:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:49:GLN:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:49:GLN:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:49:GLN:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:51:GLU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:51:GLU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:51:GLU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:51:GLU:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:51:GLU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:51:GLU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:51:GLU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:51:GLU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:51:GLU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:51:GLU:HG2	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:HB3	1:A:51:GLU:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:51:GLU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:51:GLU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:51:GLU:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:51:GLU:OE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:52:ASP:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:52:ASP:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:52:ASP:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:52:ASP:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:52:ASP:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:52:ASP:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:52:ASP:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:52:ASP:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:52:ASP:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:52:ASP:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:52:ASP:OD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:52:ASP:OD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:64:GLU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:64:GLU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:64:GLU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:64:GLU:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:64:GLU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:64:GLU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:64:GLU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:64:GLU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:64:GLU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:64:GLU:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:64:GLU:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:64:GLU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:64:GLU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:64:GLU:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:64:GLU:OE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:68:HIS:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:68:HIS:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:68:HIS:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:68:HIS:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:68:HIS:CE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:68:HIS:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:68:HIS:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:68:HIS:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:68:HIS:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:68:HIS:HB3	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:HB3	1:A:68:HIS:HD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:68:HIS:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:68:HIS:HE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:68:HIS:HE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:68:HIS:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:68:HIS:ND1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:68:HIS:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:68:HIS:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:71:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:71:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:71:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:71:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:71:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:71:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:71:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:71:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:71:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:71:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:71:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:71:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:71:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:71:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:71:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:71:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:71:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:71:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:71:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:72:ARG:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:72:ARG:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:72:ARG:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:72:ARG:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:72:ARG:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:72:ARG:CZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:72:ARG:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:72:ARG:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:72:ARG:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:72:ARG:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:72:ARG:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:72:ARG:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:72:ARG:HE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:72:ARG:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:72:ARG:HG3	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:HB3	1:A:72:ARG:HH11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:72:ARG:HH12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:72:ARG:HH21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:72:ARG:HH22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:72:ARG:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:72:ARG:NE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:72:ARG:NH1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:72:ARG:NH2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:72:ARG:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:73:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:73:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:73:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:73:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:73:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:73:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:73:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:73:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:73:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:73:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:73:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:73:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:73:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:73:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:73:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:73:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:73:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:73:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:73:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:74:ARG:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:74:ARG:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:74:ARG:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:74:ARG:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:74:ARG:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:74:ARG:CZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:74:ARG:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:74:ARG:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:74:ARG:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:74:ARG:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:74:ARG:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:74:ARG:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:74:ARG:HE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:74:ARG:HG2	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:HB3	1:A:74:ARG:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:74:ARG:HH11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:74:ARG:HH12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:74:ARG:HH21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:74:ARG:HH22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:74:ARG:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:74:ARG:NE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:74:ARG:NH1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:74:ARG:NH2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:74:ARG:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:75:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:75:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:75:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:75:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:75:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:75:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:75:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:76:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:76:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:76:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:76:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:76:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:76:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:HB3	1:A:76:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:2:GLN:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:2:GLN:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:2:GLN:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:2:GLN:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:2:GLN:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:2:GLN:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:2:GLN:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:2:GLN:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:2:GLN:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:2:GLN:HE21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:2:GLN:HE22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:2:GLN:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:2:GLN:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:2:GLN:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:2:GLN:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:2:GLN:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:2:GLN:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:C	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:N	1:A:8:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:8:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:9:THR:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:9:THR:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:9:THR:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:9:THR:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:9:THR:H	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:N	1:A:9:THR:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:9:THR:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:9:THR:HG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:9:THR:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:9:THR:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:9:THR:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:9:THR:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:9:THR:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:9:THR:OG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:10:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:10:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:10:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:10:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:10:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:10:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:10:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:12:3X9:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:12:3X9:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:12:3X9:CAA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:12:3X9:CAB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:12:3X9:CAC	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:12:3X9:CAD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:12:3X9:CAI	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:12:3X9:CAJ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:12:3X9:CAO	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:12:3X9:CAR	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:12:3X9:CAS	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:12:3X9:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:12:3X9:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:12:3X9:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:12:3X9:HAA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:12:3X9:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:12:3X9:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:12:3X9:NAQ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:12:3X9:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:12:3X9:OAH	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:12:3X9:SAL	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:12:3X9:SG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:14:THR:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:14:THR:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:14:THR:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:14:THR:CG2	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:N	1:A:14:THR:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:14:THR:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:14:THR:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:14:THR:HG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:14:THR:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:14:THR:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:14:THR:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:14:THR:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:14:THR:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:14:THR:OG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:39:ASP:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:39:ASP:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:39:ASP:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:39:ASP:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:39:ASP:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:39:ASP:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:39:ASP:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:39:ASP:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:39:ASP:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:39:ASP:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:39:ASP:OD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:39:ASP:OD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:44:ILE:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:44:ILE:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:44:ILE:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:44:ILE:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:44:ILE:CG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:44:ILE:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:44:ILE:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:44:ILE:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:44:ILE:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:44:ILE:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:44:ILE:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:44:ILE:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:44:ILE:HG12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:44:ILE:HG13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:44:ILE:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:44:ILE:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:44:ILE:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:44:ILE:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:44:ILE:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:46:ALA:C	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:N	1:A:46:ALA:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:46:ALA:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:46:ALA:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:46:ALA:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:46:ALA:HB1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:46:ALA:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:46:ALA:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:46:ALA:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:46:ALA:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:47:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:47:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:47:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:47:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:47:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:47:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:47:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:48:LYS:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:48:LYS:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:48:LYS:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:48:LYS:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:48:LYS:CE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:48:LYS:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:48:LYS:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:48:LYS:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:48:LYS:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:48:LYS:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:48:LYS:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:48:LYS:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:48:LYS:HE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:48:LYS:HE3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:48:LYS:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:48:LYS:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:48:LYS:HZ1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:48:LYS:HZ2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:48:LYS:HZ3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:48:LYS:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:48:LYS:NZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:48:LYS:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:49:GLN:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:49:GLN:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:49:GLN:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:49:GLN:CD	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:N	1:A:49:GLN:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:49:GLN:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:49:GLN:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:49:GLN:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:49:GLN:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:49:GLN:HE21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:49:GLN:HE22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:49:GLN:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:49:GLN:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:49:GLN:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:49:GLN:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:49:GLN:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:49:GLN:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:51:GLU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:51:GLU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:51:GLU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:51:GLU:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:51:GLU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:51:GLU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:51:GLU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:51:GLU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:51:GLU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:51:GLU:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:51:GLU:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:51:GLU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:51:GLU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:51:GLU:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:51:GLU:OE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:52:ASP:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:52:ASP:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:52:ASP:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:52:ASP:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:52:ASP:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:52:ASP:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:52:ASP:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:52:ASP:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:52:ASP:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:52:ASP:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:52:ASP:OD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:52:ASP:OD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:64:GLU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:64:GLU:CA	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:N	1:A:64:GLU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:64:GLU:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:64:GLU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:64:GLU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:64:GLU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:64:GLU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:64:GLU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:64:GLU:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:64:GLU:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:64:GLU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:64:GLU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:64:GLU:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:64:GLU:OE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:68:HIS:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:68:HIS:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:68:HIS:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:68:HIS:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:68:HIS:CE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:68:HIS:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:68:HIS:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:68:HIS:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:68:HIS:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:68:HIS:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:68:HIS:HD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:68:HIS:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:68:HIS:HE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:68:HIS:HE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:68:HIS:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:68:HIS:ND1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:68:HIS:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:68:HIS:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:71:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:71:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:71:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:71:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:71:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:71:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:71:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:71:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:71:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:71:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:71:LEU:HD11	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:N	1:A:71:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:71:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:71:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:71:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:71:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:71:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:71:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:71:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:72:ARG:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:72:ARG:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:72:ARG:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:72:ARG:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:72:ARG:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:72:ARG:CZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:72:ARG:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:72:ARG:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:72:ARG:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:72:ARG:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:72:ARG:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:72:ARG:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:72:ARG:HE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:72:ARG:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:72:ARG:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:72:ARG:HH11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:72:ARG:HH12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:72:ARG:HH21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:72:ARG:HH22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:72:ARG:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:72:ARG:NE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:72:ARG:NH1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:72:ARG:NH2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:72:ARG:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:73:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:73:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:73:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:73:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:73:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:73:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:73:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:73:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:73:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:73:LEU:HB3	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:N	1:A:73:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:73:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:73:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:73:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:73:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:73:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:73:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:73:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:73:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:74:ARG:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:74:ARG:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:74:ARG:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:74:ARG:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:74:ARG:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:74:ARG:CZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:74:ARG:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:74:ARG:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:74:ARG:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:74:ARG:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:74:ARG:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:74:ARG:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:74:ARG:HE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:74:ARG:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:74:ARG:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:74:ARG:HH11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:74:ARG:HH12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:74:ARG:HH21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:74:ARG:HH22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:74:ARG:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:74:ARG:NE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:74:ARG:NH1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:74:ARG:NH2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:74:ARG:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:75:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:75:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:75:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:75:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:75:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:75:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:75:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:76:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:76:GLY:CA	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:N	1:A:76:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:76:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:76:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:76:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:N	1:A:76:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:2:GLN:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:2:GLN:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:2:GLN:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:2:GLN:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:2:GLN:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:2:GLN:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:2:GLN:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:2:GLN:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:2:GLN:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:2:GLN:HE21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:2:GLN:HE22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:2:GLN:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:2:GLN:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:2:GLN:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:2:GLN:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:2:GLN:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:2:GLN:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:HB3	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:O	1:A:8:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:8:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:9:THR:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:9:THR:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:9:THR:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:9:THR:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:9:THR:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:9:THR:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:9:THR:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:9:THR:HG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:9:THR:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:9:THR:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:9:THR:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:9:THR:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:9:THR:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:9:THR:OG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:10:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:10:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:10:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:10:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:10:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:10:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:10:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:12:3X9:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:12:3X9:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:12:3X9:CAA	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:O	1:A:12:3X9:CAB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:12:3X9:CAC	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:12:3X9:CAD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:12:3X9:CAI	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:12:3X9:CAJ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:12:3X9:CAO	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:12:3X9:CAR	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:12:3X9:CAS	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:12:3X9:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:12:3X9:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:12:3X9:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:12:3X9:HAA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:12:3X9:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:12:3X9:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:12:3X9:NAQ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:12:3X9:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:12:3X9:OAH	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:12:3X9:SAL	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:12:3X9:SG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:14:THR:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:14:THR:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:14:THR:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:14:THR:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:14:THR:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:14:THR:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:14:THR:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:14:THR:HG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:14:THR:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:14:THR:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:14:THR:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:14:THR:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:14:THR:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:14:THR:OG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:39:ASP:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:39:ASP:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:39:ASP:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:39:ASP:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:39:ASP:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:39:ASP:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:39:ASP:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:39:ASP:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:39:ASP:N	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:O	1:A:39:ASP:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:39:ASP:OD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:39:ASP:OD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:44:ILE:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:44:ILE:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:44:ILE:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:44:ILE:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:44:ILE:CG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:44:ILE:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:44:ILE:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:44:ILE:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:44:ILE:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:44:ILE:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:44:ILE:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:44:ILE:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:44:ILE:HG12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:44:ILE:HG13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:44:ILE:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:44:ILE:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:44:ILE:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:44:ILE:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:44:ILE:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:46:ALA:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:46:ALA:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:46:ALA:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:46:ALA:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:46:ALA:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:46:ALA:HB1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:46:ALA:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:46:ALA:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:46:ALA:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:46:ALA:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:47:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:47:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:47:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:47:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:47:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:47:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:47:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:48:LYS:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:48:LYS:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:48:LYS:CB	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:O	1:A:48:LYS:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:48:LYS:CE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:48:LYS:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:48:LYS:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:48:LYS:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:48:LYS:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:48:LYS:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:48:LYS:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:48:LYS:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:48:LYS:HE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:48:LYS:HE3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:48:LYS:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:48:LYS:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:48:LYS:HZ1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:48:LYS:HZ2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:48:LYS:HZ3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:48:LYS:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:48:LYS:NZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:48:LYS:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:49:GLN:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:49:GLN:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:49:GLN:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:49:GLN:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:49:GLN:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:49:GLN:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:49:GLN:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:49:GLN:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:49:GLN:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:49:GLN:HE21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:49:GLN:HE22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:49:GLN:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:49:GLN:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:49:GLN:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:49:GLN:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:49:GLN:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:49:GLN:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:51:GLU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:51:GLU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:51:GLU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:51:GLU:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:51:GLU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:51:GLU:H	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:O	1:A:51:GLU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:51:GLU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:51:GLU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:51:GLU:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:51:GLU:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:51:GLU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:51:GLU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:51:GLU:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:51:GLU:OE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:52:ASP:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:52:ASP:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:52:ASP:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:52:ASP:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:52:ASP:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:52:ASP:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:52:ASP:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:52:ASP:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:52:ASP:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:52:ASP:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:52:ASP:OD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:52:ASP:OD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:64:GLU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:64:GLU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:64:GLU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:64:GLU:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:64:GLU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:64:GLU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:64:GLU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:64:GLU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:64:GLU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:64:GLU:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:64:GLU:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:64:GLU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:64:GLU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:64:GLU:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:64:GLU:OE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:68:HIS:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:68:HIS:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:68:HIS:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:68:HIS:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:68:HIS:CE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:68:HIS:CG	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:O	1:A:68:HIS:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:68:HIS:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:68:HIS:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:68:HIS:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:68:HIS:HD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:68:HIS:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:68:HIS:HE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:68:HIS:HE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:68:HIS:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:68:HIS:ND1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:68:HIS:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:68:HIS:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:71:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:71:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:71:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:71:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:71:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:71:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:71:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:71:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:71:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:71:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:71:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:71:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:71:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:71:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:71:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:71:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:71:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:71:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:71:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:72:ARG:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:72:ARG:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:72:ARG:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:72:ARG:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:72:ARG:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:72:ARG:CZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:72:ARG:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:72:ARG:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:72:ARG:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:72:ARG:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:72:ARG:HD2	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:O	1:A:72:ARG:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:72:ARG:HE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:72:ARG:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:72:ARG:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:72:ARG:HH11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:72:ARG:HH12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:72:ARG:HH21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:72:ARG:HH22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:72:ARG:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:72:ARG:NE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:72:ARG:NH1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:72:ARG:NH2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:72:ARG:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:73:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:73:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:73:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:73:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:73:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:73:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:73:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:73:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:73:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:73:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:73:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:73:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:73:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:73:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:73:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:73:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:73:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:73:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:73:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:74:ARG:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:74:ARG:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:74:ARG:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:74:ARG:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:74:ARG:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:74:ARG:CZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:74:ARG:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:74:ARG:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:74:ARG:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:74:ARG:HB3	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:O	1:A:74:ARG:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:74:ARG:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:74:ARG:HE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:74:ARG:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:74:ARG:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:74:ARG:HH11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:74:ARG:HH12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:74:ARG:HH21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:74:ARG:HH22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:74:ARG:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:74:ARG:NE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:74:ARG:NH1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:74:ARG:NH2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:74:ARG:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:75:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:75:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:75:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:75:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:75:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:75:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:75:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:76:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:76:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:76:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:76:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:76:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:76:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:O	1:A:76:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:2:GLN:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:2:GLN:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:2:GLN:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:2:GLN:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:2:GLN:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:2:GLN:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:2:GLN:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:2:GLN:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:2:GLN:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:2:GLN:HE21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:2:GLN:HE22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:2:GLN:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:2:GLN:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:2:GLN:N	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:OD1	1:A:2:GLN:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:2:GLN:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:2:GLN:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:8:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:9:THR:C	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:OD1	1:A:9:THR:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:9:THR:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:9:THR:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:9:THR:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:9:THR:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:9:THR:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:9:THR:HG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:9:THR:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:9:THR:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:9:THR:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:9:THR:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:9:THR:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:9:THR:OG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:10:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:10:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:10:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:10:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:10:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:10:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:10:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:12:3X9:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:12:3X9:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:12:3X9:CAA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:12:3X9:CAB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:12:3X9:CAC	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:12:3X9:CAD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:12:3X9:CAI	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:12:3X9:CAJ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:12:3X9:CAO	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:12:3X9:CAR	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:12:3X9:CAS	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:12:3X9:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:12:3X9:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:12:3X9:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:12:3X9:HAA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:12:3X9:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:12:3X9:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:12:3X9:NAQ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:12:3X9:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:12:3X9:OAH	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:12:3X9:SAL	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:12:3X9:SG	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:OD1	1:A:14:THR:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:14:THR:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:14:THR:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:14:THR:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:14:THR:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:14:THR:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:14:THR:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:14:THR:HG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:14:THR:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:14:THR:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:14:THR:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:14:THR:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:14:THR:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:14:THR:OG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:39:ASP:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:39:ASP:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:39:ASP:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:39:ASP:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:39:ASP:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:39:ASP:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:39:ASP:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:39:ASP:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:39:ASP:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:39:ASP:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:39:ASP:OD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:39:ASP:OD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:44:ILE:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:44:ILE:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:44:ILE:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:44:ILE:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:44:ILE:CG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:44:ILE:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:44:ILE:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:44:ILE:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:44:ILE:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:44:ILE:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:44:ILE:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:44:ILE:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:44:ILE:HG12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:44:ILE:HG13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:44:ILE:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:44:ILE:HG22	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:OD1	1:A:44:ILE:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:44:ILE:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:44:ILE:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:46:ALA:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:46:ALA:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:46:ALA:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:46:ALA:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:46:ALA:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:46:ALA:HB1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:46:ALA:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:46:ALA:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:46:ALA:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:46:ALA:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:47:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:47:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:47:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:47:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:47:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:47:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:47:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:48:LYS:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:48:LYS:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:48:LYS:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:48:LYS:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:48:LYS:CE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:48:LYS:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:48:LYS:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:48:LYS:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:48:LYS:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:48:LYS:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:48:LYS:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:48:LYS:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:48:LYS:HE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:48:LYS:HE3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:48:LYS:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:48:LYS:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:48:LYS:HZ1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:48:LYS:HZ2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:48:LYS:HZ3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:48:LYS:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:48:LYS:NZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:48:LYS:O	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:OD1	1:A:49:GLN:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:49:GLN:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:49:GLN:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:49:GLN:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:49:GLN:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:49:GLN:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:49:GLN:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:49:GLN:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:49:GLN:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:49:GLN:HE21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:49:GLN:HE22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:49:GLN:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:49:GLN:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:49:GLN:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:49:GLN:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:49:GLN:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:49:GLN:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:51:GLU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:51:GLU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:51:GLU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:51:GLU:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:51:GLU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:51:GLU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:51:GLU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:51:GLU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:51:GLU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:51:GLU:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:51:GLU:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:51:GLU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:51:GLU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:51:GLU:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:51:GLU:OE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:52:ASP:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:52:ASP:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:52:ASP:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:52:ASP:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:52:ASP:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:52:ASP:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:52:ASP:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:52:ASP:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:52:ASP:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:52:ASP:O	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:OD1	1:A:52:ASP:OD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:52:ASP:OD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:64:GLU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:64:GLU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:64:GLU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:64:GLU:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:64:GLU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:64:GLU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:64:GLU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:64:GLU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:64:GLU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:64:GLU:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:64:GLU:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:64:GLU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:64:GLU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:64:GLU:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:64:GLU:OE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:68:HIS:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:68:HIS:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:68:HIS:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:68:HIS:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:68:HIS:CE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:68:HIS:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:68:HIS:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:68:HIS:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:68:HIS:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:68:HIS:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:68:HIS:HD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:68:HIS:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:68:HIS:HE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:68:HIS:HE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:68:HIS:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:68:HIS:ND1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:68:HIS:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:68:HIS:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:71:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:71:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:71:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:71:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:71:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:71:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:71:LEU:H	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:OD1	1:A:71:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:71:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:71:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:71:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:71:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:71:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:71:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:71:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:71:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:71:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:71:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:71:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:72:ARG:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:72:ARG:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:72:ARG:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:72:ARG:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:72:ARG:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:72:ARG:CZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:72:ARG:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:72:ARG:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:72:ARG:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:72:ARG:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:72:ARG:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:72:ARG:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:72:ARG:HE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:72:ARG:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:72:ARG:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:72:ARG:HH11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:72:ARG:HH12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:72:ARG:HH21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:72:ARG:HH22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:72:ARG:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:72:ARG:NE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:72:ARG:NH1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:72:ARG:NH2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:72:ARG:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:73:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:73:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:73:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:73:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:73:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:73:LEU:CG	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:OD1	1:A:73:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:73:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:73:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:73:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:73:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:73:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:73:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:73:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:73:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:73:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:73:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:73:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:73:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:74:ARG:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:74:ARG:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:74:ARG:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:74:ARG:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:74:ARG:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:74:ARG:CZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:74:ARG:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:74:ARG:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:74:ARG:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:74:ARG:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:74:ARG:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:74:ARG:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:74:ARG:HE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:74:ARG:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:74:ARG:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:74:ARG:HH11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:74:ARG:HH12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:74:ARG:HH21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:74:ARG:HH22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:74:ARG:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:74:ARG:NE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:74:ARG:NH1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:74:ARG:NH2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:74:ARG:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:75:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:75:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:75:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:75:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:75:GLY:HA3	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:OD1	1:A:75:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:75:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:76:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:76:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:76:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:76:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:76:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:76:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD1	1:A:76:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:2:GLN:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:2:GLN:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:2:GLN:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:2:GLN:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:2:GLN:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:2:GLN:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:2:GLN:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:2:GLN:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:2:GLN:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:2:GLN:HE21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:2:GLN:HE22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:2:GLN:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:2:GLN:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:2:GLN:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:2:GLN:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:2:GLN:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:2:GLN:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:HA	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:8:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:9:THR:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:9:THR:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:9:THR:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:9:THR:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:9:THR:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:9:THR:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:9:THR:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:9:THR:HG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:9:THR:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:9:THR:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:9:THR:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:9:THR:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:9:THR:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:9:THR:OG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:10:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:10:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:10:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:10:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:10:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:10:GLY:N	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:OD2	1:A:10:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:12:3X9:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:12:3X9:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:12:3X9:CAA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:12:3X9:CAB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:12:3X9:CAC	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:12:3X9:CAD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:12:3X9:CAI	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:12:3X9:CAJ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:12:3X9:CAO	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:12:3X9:CAR	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:12:3X9:CAS	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:12:3X9:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:12:3X9:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:12:3X9:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:12:3X9:HAA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:12:3X9:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:12:3X9:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:12:3X9:NAQ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:12:3X9:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:12:3X9:OAH	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:12:3X9:SAL	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:12:3X9:SG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:14:THR:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:14:THR:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:14:THR:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:14:THR:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:14:THR:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:14:THR:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:14:THR:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:14:THR:HG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:14:THR:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:14:THR:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:14:THR:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:14:THR:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:14:THR:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:14:THR:OG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:39:ASP:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:39:ASP:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:39:ASP:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:39:ASP:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:39:ASP:H	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:OD2	1:A:39:ASP:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:39:ASP:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:39:ASP:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:39:ASP:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:39:ASP:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:39:ASP:OD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:39:ASP:OD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:44:ILE:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:44:ILE:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:44:ILE:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:44:ILE:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:44:ILE:CG1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:44:ILE:CG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:44:ILE:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:44:ILE:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:44:ILE:HB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:44:ILE:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:44:ILE:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:44:ILE:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:44:ILE:HG12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:44:ILE:HG13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:44:ILE:HG21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:44:ILE:HG22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:44:ILE:HG23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:44:ILE:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:44:ILE:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:46:ALA:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:46:ALA:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:46:ALA:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:46:ALA:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:46:ALA:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:46:ALA:HB1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:46:ALA:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:46:ALA:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:46:ALA:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:46:ALA:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:47:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:47:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:47:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:47:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:47:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:47:GLY:N	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:OD2	1:A:47:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:48:LYS:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:48:LYS:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:48:LYS:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:48:LYS:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:48:LYS:CE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:48:LYS:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:48:LYS:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:48:LYS:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:48:LYS:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:48:LYS:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:48:LYS:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:48:LYS:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:48:LYS:HE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:48:LYS:HE3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:48:LYS:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:48:LYS:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:48:LYS:HZ1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:48:LYS:HZ2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:48:LYS:HZ3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:48:LYS:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:48:LYS:NZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:48:LYS:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:49:GLN:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:49:GLN:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:49:GLN:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:49:GLN:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:49:GLN:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:49:GLN:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:49:GLN:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:49:GLN:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:49:GLN:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:49:GLN:HE21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:49:GLN:HE22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:49:GLN:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:49:GLN:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:49:GLN:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:49:GLN:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:49:GLN:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:49:GLN:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:51:GLU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:51:GLU:CA	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:OD2	1:A:51:GLU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:51:GLU:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:51:GLU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:51:GLU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:51:GLU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:51:GLU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:51:GLU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:51:GLU:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:51:GLU:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:51:GLU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:51:GLU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:51:GLU:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:51:GLU:OE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:52:ASP:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:52:ASP:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:52:ASP:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:52:ASP:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:52:ASP:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:52:ASP:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:52:ASP:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:52:ASP:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:52:ASP:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:52:ASP:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:52:ASP:OD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:52:ASP:OD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:64:GLU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:64:GLU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:64:GLU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:64:GLU:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:64:GLU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:64:GLU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:64:GLU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:64:GLU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:64:GLU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:64:GLU:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:64:GLU:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:64:GLU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:64:GLU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:64:GLU:OE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:64:GLU:OE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:68:HIS:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:68:HIS:CA	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:OD2	1:A:68:HIS:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:68:HIS:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:68:HIS:CE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:68:HIS:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:68:HIS:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:68:HIS:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:68:HIS:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:68:HIS:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:68:HIS:HD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:68:HIS:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:68:HIS:HE1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:68:HIS:HE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:68:HIS:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:68:HIS:ND1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:68:HIS:NE2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:68:HIS:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:71:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:71:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:71:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:71:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:71:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:71:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:71:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:71:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:71:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:71:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:71:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:71:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:71:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:71:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:71:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:71:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:71:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:71:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:71:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:72:ARG:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:72:ARG:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:72:ARG:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:72:ARG:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:72:ARG:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:72:ARG:CZ	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:72:ARG:H	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:OD2	1:A:72:ARG:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:72:ARG:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:72:ARG:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:72:ARG:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:72:ARG:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:72:ARG:HE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:72:ARG:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:72:ARG:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:72:ARG:HH11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:72:ARG:HH12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:72:ARG:HH21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:72:ARG:HH22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:72:ARG:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:72:ARG:NE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:72:ARG:NH1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:72:ARG:NH2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:72:ARG:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:73:LEU:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:73:LEU:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:73:LEU:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:73:LEU:CD1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:73:LEU:CD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:73:LEU:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:73:LEU:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:73:LEU:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:73:LEU:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:73:LEU:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:73:LEU:HD11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:73:LEU:HD12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:73:LEU:HD13	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:73:LEU:HD21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:73:LEU:HD22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:73:LEU:HD23	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:73:LEU:HG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:73:LEU:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:73:LEU:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:74:ARG:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:74:ARG:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:74:ARG:CB	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:74:ARG:CD	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:74:ARG:CG	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:74:ARG:CZ	8	1.55	0.18	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:50:ASP:OD2	1:A:74:ARG:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:74:ARG:HA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:74:ARG:HB2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:74:ARG:HB3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:74:ARG:HD2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:74:ARG:HD3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:74:ARG:HE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:74:ARG:HG2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:74:ARG:HG3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:74:ARG:HH11	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:74:ARG:HH12	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:74:ARG:HH21	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:74:ARG:HH22	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:74:ARG:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:74:ARG:NE	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:74:ARG:NH1	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:74:ARG:NH2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:74:ARG:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:75:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:75:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:75:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:75:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:75:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:75:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:75:GLY:O	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:76:GLY:C	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:76:GLY:CA	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:76:GLY:H	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:76:GLY:HA2	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:76:GLY:HA3	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:76:GLY:N	8	1.55	0.18	1.58
(1,18)	2:B:50:ASP:OD2	1:A:76:GLY:O	8	1.55	0.18	1.58
(1,15)	2:B:17:ILE:C	1:A:2:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:2:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:2:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:2:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:2:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:2:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:2:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:2:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:2:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:2:GLN:HE21	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:C	1:A:2:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:2:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:2:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:2:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:2:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:2:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:2:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:N	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:C	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:9:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:9:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:9:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:9:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:9:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:9:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:9:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:9:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:9:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:9:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:9:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:9:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:9:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:9:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:10:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:10:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:10:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:10:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:10:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:10:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:10:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:12:3X9:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:12:3X9:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:12:3X9:CAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:12:3X9:CAB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:12:3X9:CAC	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:12:3X9:CAD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:12:3X9:CAI	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:12:3X9:CAJ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:12:3X9:CAO	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:12:3X9:CAR	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:12:3X9:CAS	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:12:3X9:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:12:3X9:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:12:3X9:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:12:3X9:HAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:12:3X9:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:12:3X9:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:12:3X9:NAQ	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:C	1:A:12:3X9:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:12:3X9:OAH	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:12:3X9:SAL	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:12:3X9:SG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:14:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:14:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:14:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:14:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:14:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:14:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:14:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:14:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:14:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:14:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:14:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:14:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:14:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:14:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:39:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:39:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:39:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:39:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:39:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:39:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:39:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:39:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:39:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:39:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:39:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:39:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:44:ILE:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:44:ILE:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:44:ILE:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:44:ILE:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:44:ILE:CG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:44:ILE:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:44:ILE:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:44:ILE:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:44:ILE:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:44:ILE:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:44:ILE:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:44:ILE:HD13	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:C	1:A:44:ILE:HG12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:44:ILE:HG13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:44:ILE:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:44:ILE:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:44:ILE:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:44:ILE:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:44:ILE:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:46:ALA:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:46:ALA:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:46:ALA:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:46:ALA:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:46:ALA:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:46:ALA:HB1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:46:ALA:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:46:ALA:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:46:ALA:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:46:ALA:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:47:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:47:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:47:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:47:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:47:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:47:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:47:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:48:LYS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:48:LYS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:48:LYS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:48:LYS:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:48:LYS:CE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:48:LYS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:48:LYS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:48:LYS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:48:LYS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:48:LYS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:48:LYS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:48:LYS:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:48:LYS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:48:LYS:HE3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:48:LYS:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:48:LYS:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:48:LYS:HZ1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:48:LYS:HZ2	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:C	1:A:48:LYS:HZ3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:48:LYS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:48:LYS:NZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:48:LYS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:49:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:49:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:49:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:49:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:49:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:49:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:49:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:49:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:49:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:49:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:49:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:49:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:49:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:49:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:49:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:49:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:49:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:51:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:51:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:51:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:51:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:51:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:51:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:51:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:51:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:51:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:51:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:51:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:51:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:51:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:51:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:51:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:52:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:52:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:52:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:52:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:52:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:52:ASP:HA	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:C	1:A:52:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:52:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:52:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:52:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:52:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:52:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:64:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:64:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:64:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:64:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:64:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:64:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:64:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:64:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:64:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:64:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:64:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:64:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:64:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:64:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:64:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:68:HIS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:68:HIS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:68:HIS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:68:HIS:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:68:HIS:CE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:68:HIS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:68:HIS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:68:HIS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:68:HIS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:68:HIS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:68:HIS:HD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:68:HIS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:68:HIS:HE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:68:HIS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:68:HIS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:68:HIS:ND1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:68:HIS:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:68:HIS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:71:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:71:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:71:LEU:CB	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:C	1:A:71:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:71:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:71:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:71:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:71:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:71:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:71:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:71:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:71:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:71:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:71:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:71:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:71:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:71:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:71:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:71:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:72:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:72:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:72:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:72:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:72:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:72:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:72:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:72:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:72:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:72:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:72:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:72:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:72:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:72:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:72:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:72:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:72:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:72:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:72:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:72:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:72:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:72:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:72:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:72:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:73:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:73:LEU:CA	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:C	1:A:73:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:73:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:73:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:73:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:73:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:73:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:73:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:73:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:73:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:73:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:73:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:73:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:73:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:73:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:73:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:73:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:73:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:74:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:74:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:74:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:74:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:74:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:74:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:74:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:74:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:74:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:74:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:74:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:74:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:74:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:74:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:74:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:74:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:74:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:74:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:74:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:74:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:74:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:74:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:74:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:74:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:75:GLY:C	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:C	1:A:75:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:75:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:75:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:75:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:75:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:75:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:76:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:76:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:76:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:76:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:76:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:76:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:C	1:A:76:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:2:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:2:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:2:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:2:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:2:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:2:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:2:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:2:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:2:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:2:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:2:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:2:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:2:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:2:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:2:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:2:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:2:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:CG	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:9:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:9:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:9:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:9:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:9:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:9:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:9:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:9:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:9:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:9:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:9:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:9:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:9:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:9:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:10:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:10:GLY:CA	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CA	1:A:10:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:10:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:10:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:10:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:10:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:12:3X9:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:12:3X9:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:12:3X9:CAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:12:3X9:CAB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:12:3X9:CAC	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:12:3X9:CAD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:12:3X9:CAI	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:12:3X9:CAJ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:12:3X9:CAO	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:12:3X9:CAR	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:12:3X9:CAS	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:12:3X9:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:12:3X9:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:12:3X9:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:12:3X9:HAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:12:3X9:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:12:3X9:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:12:3X9:NAQ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:12:3X9:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:12:3X9:OAH	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:12:3X9:SAL	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:12:3X9:SG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:14:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:14:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:14:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:14:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:14:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:14:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:14:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:14:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:14:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:14:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:14:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:14:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:14:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:14:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:39:ASP:C	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CA	1:A:39:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:39:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:39:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:39:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:39:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:39:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:39:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:39:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:39:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:39:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:39:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:44:ILE:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:44:ILE:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:44:ILE:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:44:ILE:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:44:ILE:CG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:44:ILE:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:44:ILE:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:44:ILE:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:44:ILE:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:44:ILE:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:44:ILE:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:44:ILE:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:44:ILE:HG12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:44:ILE:HG13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:44:ILE:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:44:ILE:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:44:ILE:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:44:ILE:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:44:ILE:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:46:ALA:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:46:ALA:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:46:ALA:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:46:ALA:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:46:ALA:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:46:ALA:HB1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:46:ALA:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:46:ALA:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:46:ALA:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:46:ALA:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:47:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:47:GLY:CA	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CA	1:A:47:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:47:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:47:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:47:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:47:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:48:LYS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:48:LYS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:48:LYS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:48:LYS:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:48:LYS:CE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:48:LYS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:48:LYS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:48:LYS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:48:LYS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:48:LYS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:48:LYS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:48:LYS:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:48:LYS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:48:LYS:HE3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:48:LYS:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:48:LYS:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:48:LYS:HZ1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:48:LYS:HZ2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:48:LYS:HZ3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:48:LYS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:48:LYS:NZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:48:LYS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:49:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:49:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:49:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:49:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:49:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:49:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:49:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:49:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:49:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:49:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:49:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:49:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:49:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:49:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:49:GLN:NE2	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CA	1:A:49:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:49:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:51:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:51:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:51:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:51:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:51:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:51:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:51:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:51:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:51:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:51:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:51:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:51:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:51:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:51:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:51:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:52:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:52:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:52:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:52:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:52:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:52:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:52:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:52:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:52:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:52:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:52:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:52:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:64:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:64:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:64:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:64:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:64:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:64:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:64:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:64:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:64:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:64:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:64:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:64:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:64:GLU:O	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CA	1:A:64:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:64:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:68:HIS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:68:HIS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:68:HIS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:68:HIS:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:68:HIS:CE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:68:HIS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:68:HIS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:68:HIS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:68:HIS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:68:HIS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:68:HIS:HD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:68:HIS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:68:HIS:HE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:68:HIS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:68:HIS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:68:HIS:ND1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:68:HIS:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:68:HIS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:71:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:71:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:71:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:71:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:71:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:71:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:71:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:71:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:71:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:71:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:71:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:71:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:71:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:71:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:71:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:71:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:71:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:71:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:71:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:72:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:72:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:72:ARG:CB	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CA	1:A:72:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:72:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:72:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:72:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:72:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:72:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:72:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:72:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:72:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:72:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:72:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:72:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:72:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:72:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:72:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:72:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:72:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:72:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:72:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:72:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:72:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:73:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:73:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:73:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:73:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:73:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:73:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:73:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:73:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:73:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:73:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:73:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:73:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:73:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:73:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:73:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:73:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:73:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:73:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:73:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:74:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:74:ARG:CA	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CA	1:A:74:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:74:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:74:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:74:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:74:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:74:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:74:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:74:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:74:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:74:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:74:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:74:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:74:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:74:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:74:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:74:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:74:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:74:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:74:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:74:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:74:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:74:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:75:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:75:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:75:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:75:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:75:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:75:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:75:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:76:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:76:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:76:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:76:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:76:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:76:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CA	1:A:76:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:2:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:2:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:2:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:2:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:2:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:2:GLN:H	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CB	1:A:2:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:2:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:2:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:2:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:2:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:2:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:2:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:2:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:2:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:2:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:2:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:HD23	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:9:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:9:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:9:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:9:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:9:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:9:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:9:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:9:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:9:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:9:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:9:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:9:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:9:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:9:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:10:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:10:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:10:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:10:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:10:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:10:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:10:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:12:3X9:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:12:3X9:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:12:3X9:CAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:12:3X9:CAB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:12:3X9:CAC	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:12:3X9:CAD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:12:3X9:CAI	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:12:3X9:CAJ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:12:3X9:CAO	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:12:3X9:CAR	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:12:3X9:CAS	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:12:3X9:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:12:3X9:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:12:3X9:HA	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CB	1:A:12:3X9:HAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:12:3X9:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:12:3X9:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:12:3X9:NAQ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:12:3X9:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:12:3X9:OAH	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:12:3X9:SAL	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:12:3X9:SG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:14:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:14:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:14:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:14:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:14:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:14:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:14:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:14:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:14:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:14:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:14:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:14:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:14:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:14:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:39:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:39:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:39:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:39:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:39:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:39:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:39:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:39:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:39:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:39:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:39:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:39:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:44:ILE:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:44:ILE:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:44:ILE:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:44:ILE:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:44:ILE:CG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:44:ILE:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:44:ILE:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:44:ILE:HA	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CB	1:A:44:ILE:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:44:ILE:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:44:ILE:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:44:ILE:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:44:ILE:HG12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:44:ILE:HG13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:44:ILE:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:44:ILE:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:44:ILE:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:44:ILE:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:44:ILE:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:46:ALA:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:46:ALA:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:46:ALA:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:46:ALA:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:46:ALA:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:46:ALA:HB1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:46:ALA:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:46:ALA:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:46:ALA:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:46:ALA:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:47:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:47:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:47:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:47:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:47:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:47:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:47:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:48:LYS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:48:LYS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:48:LYS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:48:LYS:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:48:LYS:CE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:48:LYS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:48:LYS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:48:LYS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:48:LYS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:48:LYS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:48:LYS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:48:LYS:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:48:LYS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:48:LYS:HE3	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CB	1:A:48:LYS:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:48:LYS:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:48:LYS:HZ1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:48:LYS:HZ2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:48:LYS:HZ3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:48:LYS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:48:LYS:NZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:48:LYS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:49:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:49:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:49:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:49:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:49:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:49:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:49:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:49:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:49:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:49:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:49:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:49:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:49:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:49:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:49:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:49:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:49:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:51:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:51:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:51:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:51:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:51:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:51:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:51:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:51:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:51:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:51:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:51:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:51:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:51:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:51:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:51:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:52:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:52:ASP:CA	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CB	1:A:52:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:52:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:52:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:52:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:52:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:52:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:52:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:52:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:52:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:52:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:64:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:64:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:64:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:64:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:64:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:64:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:64:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:64:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:64:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:64:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:64:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:64:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:64:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:64:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:64:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:68:HIS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:68:HIS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:68:HIS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:68:HIS:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:68:HIS:CE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:68:HIS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:68:HIS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:68:HIS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:68:HIS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:68:HIS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:68:HIS:HD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:68:HIS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:68:HIS:HE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:68:HIS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:68:HIS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:68:HIS:ND1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:68:HIS:NE2	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CB	1:A:68:HIS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:71:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:71:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:71:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:71:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:71:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:71:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:71:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:71:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:71:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:71:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:71:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:71:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:71:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:71:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:71:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:71:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:71:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:71:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:71:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:72:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:72:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:72:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:72:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:72:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:72:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:72:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:72:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:72:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:72:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:72:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:72:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:72:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:72:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:72:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:72:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:72:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:72:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:72:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:72:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:72:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:72:ARG:NH1	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CB	1:A:72:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:72:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:73:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:73:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:73:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:73:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:73:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:73:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:73:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:73:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:73:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:73:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:73:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:73:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:73:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:73:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:73:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:73:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:73:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:73:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:73:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:74:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:74:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:74:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:74:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:74:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:74:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:74:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:74:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:74:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:74:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:74:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:74:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:74:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:74:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:74:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:74:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:74:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:74:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:74:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:74:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:74:ARG:NE	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CB	1:A:74:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:74:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:74:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:75:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:75:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:75:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:75:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:75:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:75:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:75:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:76:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:76:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:76:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:76:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:76:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:76:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CB	1:A:76:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:2:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:2:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:2:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:2:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:2:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:2:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:2:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:2:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:2:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:2:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:2:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:2:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:2:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:2:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:2:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:2:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:2:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:CD1	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:9:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:9:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:9:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:9:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:9:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:9:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:9:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:9:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:9:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:9:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:9:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:9:THR:N	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CD1	1:A:9:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:9:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:10:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:10:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:10:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:10:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:10:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:10:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:10:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:12:3X9:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:12:3X9:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:12:3X9:CAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:12:3X9:CAB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:12:3X9:CAC	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:12:3X9:CAD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:12:3X9:CAI	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:12:3X9:CAJ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:12:3X9:CAO	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:12:3X9:CAR	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:12:3X9:CAS	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:12:3X9:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:12:3X9:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:12:3X9:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:12:3X9:HAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:12:3X9:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:12:3X9:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:12:3X9:NAQ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:12:3X9:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:12:3X9:OAH	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:12:3X9:SAL	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:12:3X9:SG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:14:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:14:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:14:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:14:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:14:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:14:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:14:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:14:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:14:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:14:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:14:THR:HG23	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CD1	1:A:14:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:14:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:14:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:39:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:39:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:39:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:39:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:39:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:39:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:39:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:39:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:39:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:39:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:39:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:39:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:44:ILE:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:44:ILE:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:44:ILE:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:44:ILE:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:44:ILE:CG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:44:ILE:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:44:ILE:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:44:ILE:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:44:ILE:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:44:ILE:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:44:ILE:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:44:ILE:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:44:ILE:HG12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:44:ILE:HG13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:44:ILE:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:44:ILE:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:44:ILE:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:44:ILE:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:44:ILE:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:46:ALA:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:46:ALA:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:46:ALA:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:46:ALA:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:46:ALA:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:46:ALA:HB1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:46:ALA:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:46:ALA:HB3	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CD1	1:A:46:ALA:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:46:ALA:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:47:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:47:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:47:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:47:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:47:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:47:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:47:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:48:LYS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:48:LYS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:48:LYS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:48:LYS:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:48:LYS:CE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:48:LYS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:48:LYS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:48:LYS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:48:LYS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:48:LYS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:48:LYS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:48:LYS:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:48:LYS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:48:LYS:HE3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:48:LYS:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:48:LYS:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:48:LYS:HZ1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:48:LYS:HZ2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:48:LYS:HZ3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:48:LYS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:48:LYS:NZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:48:LYS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:49:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:49:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:49:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:49:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:49:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:49:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:49:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:49:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:49:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:49:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:49:GLN:HE22	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CD1	1:A:49:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:49:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:49:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:49:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:49:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:49:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:51:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:51:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:51:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:51:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:51:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:51:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:51:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:51:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:51:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:51:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:51:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:51:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:51:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:51:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:51:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:52:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:52:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:52:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:52:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:52:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:52:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:52:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:52:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:52:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:52:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:52:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:52:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:64:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:64:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:64:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:64:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:64:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:64:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:64:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:64:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:64:GLU:HB3	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CD1	1:A:64:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:64:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:64:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:64:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:64:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:64:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:68:HIS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:68:HIS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:68:HIS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:68:HIS:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:68:HIS:CE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:68:HIS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:68:HIS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:68:HIS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:68:HIS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:68:HIS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:68:HIS:HD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:68:HIS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:68:HIS:HE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:68:HIS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:68:HIS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:68:HIS:ND1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:68:HIS:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:68:HIS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:71:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:71:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:71:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:71:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:71:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:71:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:71:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:71:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:71:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:71:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:71:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:71:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:71:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:71:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:71:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:71:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:71:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:71:LEU:N	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CD1	1:A:71:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:72:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:72:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:72:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:72:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:72:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:72:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:72:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:72:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:72:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:72:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:72:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:72:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:72:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:72:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:72:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:72:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:72:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:72:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:72:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:72:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:72:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:72:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:72:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:72:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:73:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:73:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:73:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:73:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:73:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:73:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:73:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:73:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:73:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:73:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:73:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:73:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:73:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:73:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:73:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:73:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:73:LEU:HG	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CD1	1:A:73:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:73:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:74:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:74:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:74:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:74:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:74:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:74:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:74:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:74:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:74:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:74:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:74:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:74:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:74:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:74:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:74:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:74:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:74:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:74:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:74:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:74:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:74:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:74:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:74:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:74:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:75:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:75:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:75:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:75:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:75:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:75:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:75:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:76:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:76:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:76:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:76:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:76:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:76:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CD1	1:A:76:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:2:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:2:GLN:CA	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CG1	1:A:2:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:2:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:2:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:2:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:2:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:2:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:2:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:2:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:2:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:2:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:2:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:2:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:2:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:2:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:2:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:HD21	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:9:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:9:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:9:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:9:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:9:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:9:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:9:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:9:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:9:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:9:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:9:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:9:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:9:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:9:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:10:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:10:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:10:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:10:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:10:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:10:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:10:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:12:3X9:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:12:3X9:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:12:3X9:CAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:12:3X9:CAB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:12:3X9:CAC	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:12:3X9:CAD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:12:3X9:CAI	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:12:3X9:CAJ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:12:3X9:CAO	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:12:3X9:CAR	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CG1	1:A:12:3X9:CAS	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:12:3X9:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:12:3X9:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:12:3X9:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:12:3X9:HAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:12:3X9:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:12:3X9:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:12:3X9:NAQ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:12:3X9:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:12:3X9:OAH	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:12:3X9:SAL	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:12:3X9:SG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:14:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:14:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:14:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:14:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:14:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:14:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:14:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:14:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:14:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:14:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:14:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:14:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:14:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:14:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:39:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:39:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:39:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:39:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:39:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:39:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:39:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:39:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:39:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:39:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:39:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:39:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:44:ILE:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:44:ILE:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:44:ILE:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:44:ILE:CD1	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CG1	1:A:44:ILE:CG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:44:ILE:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:44:ILE:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:44:ILE:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:44:ILE:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:44:ILE:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:44:ILE:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:44:ILE:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:44:ILE:HG12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:44:ILE:HG13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:44:ILE:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:44:ILE:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:44:ILE:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:44:ILE:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:44:ILE:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:46:ALA:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:46:ALA:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:46:ALA:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:46:ALA:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:46:ALA:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:46:ALA:HB1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:46:ALA:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:46:ALA:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:46:ALA:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:46:ALA:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:47:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:47:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:47:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:47:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:47:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:47:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:47:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:48:LYS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:48:LYS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:48:LYS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:48:LYS:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:48:LYS:CE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:48:LYS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:48:LYS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:48:LYS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:48:LYS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:48:LYS:HB3	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CG1	1:A:48:LYS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:48:LYS:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:48:LYS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:48:LYS:HE3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:48:LYS:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:48:LYS:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:48:LYS:HZ1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:48:LYS:HZ2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:48:LYS:HZ3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:48:LYS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:48:LYS:NZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:48:LYS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:49:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:49:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:49:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:49:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:49:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:49:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:49:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:49:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:49:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:49:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:49:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:49:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:49:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:49:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:49:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:49:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:49:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:51:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:51:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:51:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:51:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:51:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:51:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:51:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:51:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:51:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:51:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:51:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:51:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:51:GLU:O	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CG1	1:A:51:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:51:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:52:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:52:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:52:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:52:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:52:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:52:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:52:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:52:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:52:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:52:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:52:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:52:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:64:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:64:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:64:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:64:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:64:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:64:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:64:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:64:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:64:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:64:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:64:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:64:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:64:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:64:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:64:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:68:HIS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:68:HIS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:68:HIS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:68:HIS:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:68:HIS:CE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:68:HIS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:68:HIS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:68:HIS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:68:HIS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:68:HIS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:68:HIS:HD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:68:HIS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:68:HIS:HE1	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CG1	1:A:68:HIS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:68:HIS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:68:HIS:ND1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:68:HIS:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:68:HIS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:71:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:71:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:71:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:71:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:71:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:71:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:71:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:71:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:71:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:71:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:71:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:71:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:71:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:71:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:71:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:71:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:71:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:71:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:71:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:72:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:72:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:72:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:72:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:72:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:72:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:72:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:72:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:72:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:72:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:72:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:72:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:72:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:72:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:72:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:72:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:72:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:72:ARG:HH21	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CG1	1:A:72:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:72:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:72:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:72:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:72:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:72:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:73:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:73:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:73:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:73:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:73:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:73:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:73:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:73:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:73:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:73:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:73:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:73:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:73:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:73:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:73:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:73:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:73:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:73:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:73:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:74:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:74:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:74:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:74:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:74:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:74:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:74:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:74:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:74:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:74:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:74:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:74:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:74:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:74:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:74:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:74:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:74:ARG:HH12	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CG1	1:A:74:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:74:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:74:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:74:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:74:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:74:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:74:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:75:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:75:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:75:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:75:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:75:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:75:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:75:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:76:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:76:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:76:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:76:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:76:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:76:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG1	1:A:76:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:2:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:2:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:2:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:2:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:2:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:2:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:2:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:2:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:2:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:2:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:2:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:2:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:2:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:2:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:2:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:2:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:2:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:CA	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:9:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:9:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:9:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:9:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:9:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:9:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:9:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:9:THR:HG1	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CG2	1:A:9:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:9:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:9:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:9:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:9:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:9:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:10:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:10:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:10:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:10:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:10:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:10:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:10:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:12:3X9:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:12:3X9:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:12:3X9:CAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:12:3X9:CAB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:12:3X9:CAC	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:12:3X9:CAD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:12:3X9:CAI	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:12:3X9:CAJ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:12:3X9:CAO	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:12:3X9:CAR	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:12:3X9:CAS	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:12:3X9:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:12:3X9:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:12:3X9:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:12:3X9:HAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:12:3X9:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:12:3X9:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:12:3X9:NAQ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:12:3X9:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:12:3X9:OAH	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:12:3X9:SAL	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:12:3X9:SG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:14:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:14:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:14:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:14:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:14:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:14:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:14:THR:HB	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CG2	1:A:14:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:14:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:14:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:14:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:14:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:14:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:14:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:39:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:39:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:39:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:39:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:39:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:39:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:39:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:39:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:39:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:39:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:39:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:39:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:44:ILE:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:44:ILE:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:44:ILE:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:44:ILE:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:44:ILE:CG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:44:ILE:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:44:ILE:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:44:ILE:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:44:ILE:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:44:ILE:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:44:ILE:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:44:ILE:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:44:ILE:HG12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:44:ILE:HG13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:44:ILE:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:44:ILE:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:44:ILE:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:44:ILE:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:44:ILE:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:46:ALA:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:46:ALA:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:46:ALA:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:46:ALA:H	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CG2	1:A:46:ALA:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:46:ALA:HB1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:46:ALA:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:46:ALA:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:46:ALA:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:46:ALA:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:47:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:47:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:47:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:47:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:47:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:47:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:47:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:48:LYS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:48:LYS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:48:LYS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:48:LYS:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:48:LYS:CE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:48:LYS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:48:LYS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:48:LYS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:48:LYS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:48:LYS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:48:LYS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:48:LYS:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:48:LYS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:48:LYS:HE3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:48:LYS:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:48:LYS:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:48:LYS:HZ1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:48:LYS:HZ2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:48:LYS:HZ3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:48:LYS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:48:LYS:NZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:48:LYS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:49:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:49:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:49:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:49:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:49:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:49:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:49:GLN:HA	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CG2	1:A:49:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:49:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:49:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:49:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:49:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:49:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:49:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:49:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:49:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:49:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:51:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:51:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:51:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:51:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:51:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:51:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:51:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:51:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:51:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:51:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:51:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:51:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:51:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:51:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:51:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:52:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:52:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:52:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:52:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:52:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:52:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:52:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:52:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:52:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:52:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:52:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:52:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:64:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:64:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:64:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:64:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:64:GLU:CG	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CG2	1:A:64:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:64:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:64:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:64:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:64:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:64:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:64:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:64:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:64:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:64:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:68:HIS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:68:HIS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:68:HIS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:68:HIS:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:68:HIS:CE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:68:HIS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:68:HIS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:68:HIS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:68:HIS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:68:HIS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:68:HIS:HD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:68:HIS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:68:HIS:HE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:68:HIS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:68:HIS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:68:HIS:ND1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:68:HIS:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:68:HIS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:71:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:71:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:71:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:71:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:71:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:71:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:71:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:71:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:71:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:71:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:71:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:71:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:71:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:71:LEU:HD21	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CG2	1:A:71:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:71:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:71:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:71:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:71:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:72:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:72:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:72:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:72:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:72:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:72:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:72:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:72:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:72:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:72:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:72:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:72:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:72:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:72:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:72:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:72:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:72:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:72:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:72:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:72:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:72:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:72:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:72:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:72:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:73:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:73:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:73:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:73:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:73:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:73:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:73:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:73:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:73:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:73:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:73:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:73:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:73:LEU:HD13	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CG2	1:A:73:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:73:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:73:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:73:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:73:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:73:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:74:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:74:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:74:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:74:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:74:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:74:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:74:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:74:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:74:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:74:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:74:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:74:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:74:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:74:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:74:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:74:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:74:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:74:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:74:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:74:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:74:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:74:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:74:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:74:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:75:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:75:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:75:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:75:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:75:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:75:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:75:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:76:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:76:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:76:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:76:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:76:GLY:HA3	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:CG2	1:A:76:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:CG2	1:A:76:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:2:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:2:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:2:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:2:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:2:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:2:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:2:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:2:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:2:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:2:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:2:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:2:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:2:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:2:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:2:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:2:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:2:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:HD12	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:H	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:9:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:9:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:9:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:9:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:9:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:9:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:9:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:9:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:9:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:9:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:9:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:9:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:9:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:9:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:10:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:10:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:10:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:10:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:10:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:10:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:10:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:12:3X9:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:12:3X9:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:12:3X9:CAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:12:3X9:CAB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:12:3X9:CAC	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:12:3X9:CAD	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:H	1:A:12:3X9:CAI	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:12:3X9:CAJ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:12:3X9:CAO	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:12:3X9:CAR	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:12:3X9:CAS	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:12:3X9:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:12:3X9:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:12:3X9:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:12:3X9:HAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:12:3X9:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:12:3X9:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:12:3X9:NAQ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:12:3X9:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:12:3X9:OAH	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:12:3X9:SAL	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:12:3X9:SG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:14:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:14:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:14:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:14:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:14:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:14:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:14:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:14:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:14:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:14:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:14:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:14:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:14:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:14:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:39:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:39:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:39:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:39:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:39:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:39:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:39:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:39:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:39:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:39:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:39:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:39:ASP:OD2	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:H	1:A:44:ILE:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:44:ILE:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:44:ILE:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:44:ILE:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:44:ILE:CG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:44:ILE:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:44:ILE:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:44:ILE:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:44:ILE:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:44:ILE:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:44:ILE:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:44:ILE:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:44:ILE:HG12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:44:ILE:HG13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:44:ILE:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:44:ILE:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:44:ILE:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:44:ILE:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:44:ILE:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:46:ALA:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:46:ALA:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:46:ALA:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:46:ALA:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:46:ALA:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:46:ALA:HB1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:46:ALA:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:46:ALA:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:46:ALA:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:46:ALA:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:47:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:47:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:47:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:47:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:47:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:47:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:47:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:48:LYS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:48:LYS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:48:LYS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:48:LYS:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:48:LYS:CE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:48:LYS:CG	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:H	1:A:48:LYS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:48:LYS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:48:LYS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:48:LYS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:48:LYS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:48:LYS:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:48:LYS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:48:LYS:HE3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:48:LYS:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:48:LYS:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:48:LYS:HZ1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:48:LYS:HZ2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:48:LYS:HZ3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:48:LYS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:48:LYS:NZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:48:LYS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:49:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:49:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:49:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:49:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:49:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:49:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:49:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:49:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:49:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:49:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:49:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:49:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:49:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:49:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:49:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:49:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:49:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:51:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:51:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:51:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:51:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:51:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:51:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:51:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:51:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:51:GLU:HB3	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:H	1:A:51:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:51:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:51:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:51:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:51:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:51:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:52:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:52:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:52:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:52:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:52:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:52:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:52:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:52:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:52:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:52:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:52:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:52:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:64:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:64:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:64:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:64:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:64:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:64:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:64:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:64:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:64:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:64:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:64:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:64:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:64:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:64:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:64:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:68:HIS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:68:HIS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:68:HIS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:68:HIS:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:68:HIS:CE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:68:HIS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:68:HIS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:68:HIS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:68:HIS:HB2	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:H	1:A:68:HIS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:68:HIS:HD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:68:HIS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:68:HIS:HE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:68:HIS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:68:HIS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:68:HIS:ND1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:68:HIS:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:68:HIS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:71:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:71:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:71:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:71:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:71:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:71:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:71:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:71:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:71:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:71:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:71:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:71:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:71:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:71:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:71:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:71:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:71:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:71:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:71:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:72:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:72:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:72:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:72:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:72:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:72:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:72:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:72:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:72:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:72:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:72:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:72:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:72:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:72:ARG:HG2	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:H	1:A:72:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:72:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:72:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:72:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:72:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:72:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:72:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:72:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:72:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:72:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:73:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:73:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:73:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:73:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:73:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:73:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:73:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:73:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:73:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:73:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:73:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:73:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:73:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:73:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:73:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:73:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:73:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:73:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:73:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:74:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:74:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:74:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:74:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:74:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:74:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:74:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:74:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:74:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:74:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:74:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:74:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:74:ARG:HE	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:H	1:A:74:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:74:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:74:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:74:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:74:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:74:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:74:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:74:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:74:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:74:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:74:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:75:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:75:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:75:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:75:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:75:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:75:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:75:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:76:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:76:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:76:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:76:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:76:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:76:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:H	1:A:76:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:2:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:2:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:2:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:2:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:2:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:2:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:2:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:2:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:2:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:2:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:2:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:2:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:2:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:2:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:2:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:2:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:2:GLN:OE1	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:9:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:9:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:9:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:9:THR:CG2	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HA	1:A:9:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:9:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:9:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:9:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:9:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:9:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:9:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:9:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:9:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:9:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:10:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:10:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:10:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:10:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:10:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:10:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:10:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:12:3X9:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:12:3X9:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:12:3X9:CAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:12:3X9:CAB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:12:3X9:CAC	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:12:3X9:CAD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:12:3X9:CAI	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:12:3X9:CAJ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:12:3X9:CAO	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:12:3X9:CAR	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:12:3X9:CAS	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:12:3X9:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:12:3X9:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:12:3X9:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:12:3X9:HAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:12:3X9:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:12:3X9:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:12:3X9:NAQ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:12:3X9:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:12:3X9:OAH	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:12:3X9:SAL	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:12:3X9:SG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:14:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:14:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:14:THR:CB	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HA	1:A:14:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:14:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:14:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:14:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:14:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:14:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:14:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:14:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:14:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:14:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:14:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:39:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:39:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:39:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:39:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:39:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:39:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:39:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:39:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:39:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:39:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:39:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:39:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:44:ILE:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:44:ILE:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:44:ILE:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:44:ILE:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:44:ILE:CG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:44:ILE:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:44:ILE:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:44:ILE:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:44:ILE:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:44:ILE:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:44:ILE:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:44:ILE:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:44:ILE:HG12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:44:ILE:HG13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:44:ILE:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:44:ILE:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:44:ILE:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:44:ILE:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:44:ILE:O	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HA	1:A:46:ALA:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:46:ALA:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:46:ALA:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:46:ALA:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:46:ALA:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:46:ALA:HB1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:46:ALA:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:46:ALA:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:46:ALA:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:46:ALA:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:47:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:47:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:47:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:47:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:47:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:47:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:47:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:48:LYS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:48:LYS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:48:LYS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:48:LYS:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:48:LYS:CE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:48:LYS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:48:LYS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:48:LYS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:48:LYS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:48:LYS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:48:LYS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:48:LYS:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:48:LYS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:48:LYS:HE3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:48:LYS:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:48:LYS:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:48:LYS:HZ1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:48:LYS:HZ2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:48:LYS:HZ3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:48:LYS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:48:LYS:NZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:48:LYS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:49:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:49:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:49:GLN:CB	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HA	1:A:49:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:49:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:49:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:49:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:49:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:49:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:49:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:49:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:49:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:49:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:49:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:49:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:49:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:49:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:51:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:51:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:51:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:51:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:51:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:51:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:51:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:51:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:51:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:51:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:51:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:51:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:51:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:51:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:51:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:52:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:52:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:52:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:52:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:52:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:52:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:52:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:52:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:52:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:52:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:52:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:52:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:64:GLU:C	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HA	1:A:64:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:64:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:64:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:64:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:64:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:64:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:64:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:64:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:64:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:64:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:64:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:64:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:64:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:64:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:68:HIS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:68:HIS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:68:HIS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:68:HIS:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:68:HIS:CE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:68:HIS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:68:HIS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:68:HIS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:68:HIS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:68:HIS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:68:HIS:HD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:68:HIS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:68:HIS:HE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:68:HIS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:68:HIS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:68:HIS:ND1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:68:HIS:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:68:HIS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:71:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:71:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:71:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:71:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:71:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:71:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:71:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:71:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:71:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:71:LEU:HB3	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HA	1:A:71:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:71:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:71:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:71:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:71:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:71:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:71:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:71:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:71:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:72:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:72:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:72:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:72:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:72:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:72:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:72:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:72:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:72:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:72:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:72:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:72:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:72:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:72:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:72:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:72:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:72:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:72:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:72:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:72:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:72:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:72:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:72:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:72:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:73:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:73:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:73:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:73:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:73:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:73:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:73:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:73:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:73:LEU:HB2	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HA	1:A:73:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:73:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:73:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:73:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:73:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:73:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:73:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:73:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:73:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:73:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:74:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:74:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:74:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:74:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:74:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:74:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:74:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:74:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:74:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:74:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:74:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:74:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:74:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:74:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:74:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:74:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:74:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:74:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:74:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:74:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:74:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:74:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:74:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:74:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:75:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:75:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:75:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:75:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:75:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:75:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:75:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:76:GLY:C	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HA	1:A:76:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:76:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:76:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:76:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:76:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HA	1:A:76:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:2:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:2:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:2:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:2:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:2:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:2:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:2:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:2:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:2:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:2:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:2:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:2:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:2:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:2:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:2:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:2:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:2:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:HB3	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:9:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:9:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:9:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:9:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:9:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:9:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:9:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:9:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:9:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:9:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:9:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:9:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:9:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:9:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:10:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:10:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:10:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:10:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:10:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:10:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:10:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:12:3X9:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:12:3X9:CA	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HB	1:A:12:3X9:CAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:12:3X9:CAB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:12:3X9:CAC	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:12:3X9:CAD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:12:3X9:CAI	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:12:3X9:CAJ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:12:3X9:CAO	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:12:3X9:CAR	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:12:3X9:CAS	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:12:3X9:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:12:3X9:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:12:3X9:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:12:3X9:HAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:12:3X9:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:12:3X9:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:12:3X9:NAQ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:12:3X9:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:12:3X9:OAH	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:12:3X9:SAL	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:12:3X9:SG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:14:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:14:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:14:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:14:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:14:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:14:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:14:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:14:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:14:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:14:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:14:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:14:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:14:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:14:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:39:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:39:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:39:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:39:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:39:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:39:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:39:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:39:ASP:HB3	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HB	1:A:39:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:39:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:39:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:39:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:44:ILE:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:44:ILE:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:44:ILE:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:44:ILE:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:44:ILE:CG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:44:ILE:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:44:ILE:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:44:ILE:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:44:ILE:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:44:ILE:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:44:ILE:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:44:ILE:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:44:ILE:HG12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:44:ILE:HG13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:44:ILE:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:44:ILE:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:44:ILE:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:44:ILE:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:44:ILE:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:46:ALA:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:46:ALA:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:46:ALA:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:46:ALA:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:46:ALA:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:46:ALA:HB1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:46:ALA:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:46:ALA:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:46:ALA:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:46:ALA:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:47:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:47:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:47:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:47:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:47:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:47:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:47:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:48:LYS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:48:LYS:CA	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HB	1:A:48:LYS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:48:LYS:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:48:LYS:CE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:48:LYS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:48:LYS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:48:LYS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:48:LYS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:48:LYS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:48:LYS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:48:LYS:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:48:LYS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:48:LYS:HE3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:48:LYS:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:48:LYS:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:48:LYS:HZ1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:48:LYS:HZ2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:48:LYS:HZ3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:48:LYS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:48:LYS:NZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:48:LYS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:49:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:49:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:49:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:49:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:49:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:49:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:49:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:49:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:49:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:49:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:49:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:49:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:49:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:49:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:49:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:49:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:49:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:51:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:51:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:51:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:51:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:51:GLU:CG	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HB	1:A:51:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:51:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:51:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:51:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:51:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:51:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:51:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:51:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:51:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:51:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:52:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:52:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:52:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:52:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:52:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:52:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:52:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:52:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:52:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:52:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:52:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:52:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:64:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:64:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:64:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:64:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:64:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:64:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:64:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:64:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:64:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:64:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:64:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:64:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:64:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:64:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:64:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:68:HIS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:68:HIS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:68:HIS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:68:HIS:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:68:HIS:CE1	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HB	1:A:68:HIS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:68:HIS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:68:HIS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:68:HIS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:68:HIS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:68:HIS:HD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:68:HIS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:68:HIS:HE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:68:HIS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:68:HIS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:68:HIS:ND1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:68:HIS:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:68:HIS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:71:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:71:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:71:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:71:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:71:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:71:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:71:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:71:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:71:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:71:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:71:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:71:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:71:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:71:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:71:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:71:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:71:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:71:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:71:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:72:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:72:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:72:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:72:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:72:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:72:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:72:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:72:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:72:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:72:ARG:HB3	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HB	1:A:72:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:72:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:72:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:72:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:72:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:72:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:72:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:72:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:72:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:72:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:72:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:72:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:72:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:72:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:73:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:73:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:73:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:73:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:73:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:73:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:73:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:73:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:73:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:73:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:73:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:73:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:73:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:73:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:73:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:73:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:73:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:73:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:73:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:74:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:74:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:74:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:74:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:74:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:74:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:74:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:74:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:74:ARG:HB2	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HB	1:A:74:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:74:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:74:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:74:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:74:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:74:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:74:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:74:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:74:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:74:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:74:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:74:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:74:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:74:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:74:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:75:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:75:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:75:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:75:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:75:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:75:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:75:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:76:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:76:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:76:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:76:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:76:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:76:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HB	1:A:76:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:2:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:2:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:2:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:2:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:2:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:2:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:2:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:2:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:2:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:2:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:2:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:2:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:2:GLN:HG3	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HD11	1:A:2:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:2:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:2:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:2:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:8:LEU:O	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HD11	1:A:9:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:9:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:9:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:9:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:9:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:9:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:9:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:9:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:9:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:9:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:9:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:9:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:9:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:9:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:10:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:10:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:10:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:10:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:10:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:10:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:10:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:12:3X9:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:12:3X9:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:12:3X9:CAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:12:3X9:CAB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:12:3X9:CAC	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:12:3X9:CAD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:12:3X9:CAI	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:12:3X9:CAJ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:12:3X9:CAO	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:12:3X9:CAR	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:12:3X9:CAS	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:12:3X9:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:12:3X9:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:12:3X9:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:12:3X9:HAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:12:3X9:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:12:3X9:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:12:3X9:NAQ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:12:3X9:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:12:3X9:OAH	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:12:3X9:SAL	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HD11	1:A:12:3X9:SG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:14:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:14:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:14:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:14:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:14:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:14:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:14:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:14:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:14:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:14:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:14:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:14:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:14:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:14:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:39:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:39:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:39:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:39:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:39:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:39:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:39:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:39:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:39:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:39:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:39:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:39:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:44:ILE:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:44:ILE:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:44:ILE:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:44:ILE:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:44:ILE:CG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:44:ILE:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:44:ILE:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:44:ILE:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:44:ILE:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:44:ILE:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:44:ILE:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:44:ILE:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:44:ILE:HG12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:44:ILE:HG13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:44:ILE:HG21	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HD11	1:A:44:ILE:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:44:ILE:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:44:ILE:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:44:ILE:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:46:ALA:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:46:ALA:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:46:ALA:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:46:ALA:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:46:ALA:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:46:ALA:HB1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:46:ALA:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:46:ALA:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:46:ALA:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:46:ALA:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:47:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:47:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:47:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:47:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:47:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:47:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:47:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:48:LYS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:48:LYS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:48:LYS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:48:LYS:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:48:LYS:CE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:48:LYS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:48:LYS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:48:LYS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:48:LYS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:48:LYS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:48:LYS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:48:LYS:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:48:LYS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:48:LYS:HE3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:48:LYS:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:48:LYS:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:48:LYS:HZ1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:48:LYS:HZ2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:48:LYS:HZ3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:48:LYS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:48:LYS:NZ	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HD11	1:A:48:LYS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:49:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:49:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:49:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:49:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:49:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:49:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:49:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:49:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:49:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:49:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:49:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:49:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:49:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:49:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:49:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:49:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:49:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:51:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:51:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:51:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:51:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:51:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:51:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:51:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:51:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:51:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:51:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:51:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:51:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:51:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:51:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:51:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:52:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:52:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:52:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:52:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:52:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:52:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:52:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:52:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:52:ASP:N	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HD11	1:A:52:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:52:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:52:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:64:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:64:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:64:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:64:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:64:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:64:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:64:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:64:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:64:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:64:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:64:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:64:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:64:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:64:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:64:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:68:HIS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:68:HIS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:68:HIS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:68:HIS:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:68:HIS:CE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:68:HIS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:68:HIS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:68:HIS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:68:HIS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:68:HIS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:68:HIS:HD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:68:HIS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:68:HIS:HE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:68:HIS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:68:HIS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:68:HIS:ND1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:68:HIS:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:68:HIS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:71:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:71:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:71:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:71:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:71:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:71:LEU:CG	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HD11	1:A:71:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:71:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:71:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:71:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:71:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:71:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:71:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:71:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:71:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:71:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:71:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:71:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:71:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:72:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:72:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:72:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:72:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:72:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:72:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:72:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:72:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:72:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:72:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:72:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:72:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:72:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:72:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:72:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:72:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:72:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:72:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:72:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:72:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:72:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:72:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:72:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:72:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:73:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:73:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:73:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:73:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:73:LEU:CD2	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HD11	1:A:73:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:73:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:73:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:73:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:73:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:73:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:73:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:73:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:73:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:73:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:73:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:73:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:73:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:73:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:74:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:74:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:74:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:74:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:74:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:74:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:74:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:74:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:74:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:74:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:74:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:74:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:74:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:74:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:74:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:74:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:74:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:74:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:74:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:74:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:74:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:74:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:74:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:74:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:75:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:75:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:75:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:75:GLY:HA2	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HD11	1:A:75:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:75:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:75:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:76:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:76:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:76:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:76:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:76:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:76:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD11	1:A:76:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:2:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:2:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:2:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:2:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:2:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:2:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:2:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:2:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:2:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:2:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:2:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:2:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:2:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:2:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:2:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:2:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:2:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:HA	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:9:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:9:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:9:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:9:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:9:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:9:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:9:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:9:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:9:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:9:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:9:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:9:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:9:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:9:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:10:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:10:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:10:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:10:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:10:GLY:HA3	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HD12	1:A:10:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:10:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:12:3X9:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:12:3X9:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:12:3X9:CAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:12:3X9:CAB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:12:3X9:CAC	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:12:3X9:CAD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:12:3X9:CAI	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:12:3X9:CAJ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:12:3X9:CAO	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:12:3X9:CAR	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:12:3X9:CAS	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:12:3X9:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:12:3X9:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:12:3X9:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:12:3X9:HAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:12:3X9:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:12:3X9:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:12:3X9:NAQ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:12:3X9:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:12:3X9:OAH	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:12:3X9:SAL	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:12:3X9:SG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:14:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:14:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:14:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:14:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:14:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:14:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:14:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:14:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:14:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:14:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:14:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:14:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:14:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:14:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:39:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:39:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:39:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:39:ASP:CG	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HD12	1:A:39:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:39:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:39:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:39:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:39:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:39:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:39:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:39:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:44:ILE:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:44:ILE:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:44:ILE:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:44:ILE:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:44:ILE:CG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:44:ILE:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:44:ILE:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:44:ILE:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:44:ILE:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:44:ILE:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:44:ILE:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:44:ILE:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:44:ILE:HG12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:44:ILE:HG13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:44:ILE:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:44:ILE:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:44:ILE:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:44:ILE:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:44:ILE:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:46:ALA:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:46:ALA:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:46:ALA:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:46:ALA:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:46:ALA:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:46:ALA:HB1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:46:ALA:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:46:ALA:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:46:ALA:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:46:ALA:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:47:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:47:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:47:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:47:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:47:GLY:HA3	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HD12	1:A:47:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:47:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:48:LYS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:48:LYS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:48:LYS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:48:LYS:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:48:LYS:CE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:48:LYS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:48:LYS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:48:LYS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:48:LYS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:48:LYS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:48:LYS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:48:LYS:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:48:LYS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:48:LYS:HE3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:48:LYS:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:48:LYS:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:48:LYS:HZ1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:48:LYS:HZ2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:48:LYS:HZ3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:48:LYS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:48:LYS:NZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:48:LYS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:49:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:49:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:49:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:49:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:49:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:49:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:49:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:49:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:49:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:49:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:49:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:49:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:49:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:49:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:49:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:49:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:49:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:51:GLU:C	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HD12	1:A:51:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:51:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:51:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:51:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:51:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:51:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:51:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:51:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:51:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:51:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:51:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:51:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:51:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:51:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:52:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:52:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:52:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:52:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:52:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:52:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:52:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:52:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:52:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:52:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:52:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:52:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:64:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:64:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:64:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:64:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:64:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:64:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:64:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:64:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:64:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:64:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:64:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:64:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:64:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:64:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:64:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:68:HIS:C	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HD12	1:A:68:HIS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:68:HIS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:68:HIS:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:68:HIS:CE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:68:HIS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:68:HIS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:68:HIS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:68:HIS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:68:HIS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:68:HIS:HD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:68:HIS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:68:HIS:HE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:68:HIS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:68:HIS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:68:HIS:ND1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:68:HIS:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:68:HIS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:71:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:71:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:71:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:71:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:71:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:71:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:71:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:71:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:71:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:71:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:71:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:71:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:71:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:71:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:71:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:71:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:71:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:71:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:71:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:72:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:72:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:72:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:72:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:72:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:72:ARG:CZ	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HD12	1:A:72:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:72:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:72:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:72:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:72:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:72:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:72:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:72:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:72:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:72:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:72:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:72:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:72:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:72:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:72:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:72:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:72:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:72:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:73:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:73:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:73:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:73:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:73:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:73:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:73:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:73:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:73:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:73:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:73:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:73:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:73:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:73:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:73:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:73:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:73:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:73:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:73:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:74:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:74:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:74:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:74:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:74:ARG:CG	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HD12	1:A:74:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:74:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:74:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:74:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:74:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:74:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:74:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:74:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:74:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:74:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:74:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:74:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:74:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:74:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:74:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:74:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:74:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:74:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:74:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:75:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:75:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:75:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:75:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:75:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:75:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:75:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:76:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:76:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:76:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:76:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:76:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:76:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD12	1:A:76:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:2:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:2:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:2:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:2:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:2:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:2:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:2:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:2:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:2:GLN:HB3	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HD13	1:A:2:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:2:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:2:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:2:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:2:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:2:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:2:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:2:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:HG	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:9:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:9:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:9:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:9:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:9:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:9:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:9:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:9:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:9:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:9:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:9:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:9:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:9:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:9:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:10:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:10:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:10:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:10:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:10:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:10:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:10:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:12:3X9:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:12:3X9:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:12:3X9:CAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:12:3X9:CAB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:12:3X9:CAC	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:12:3X9:CAD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:12:3X9:CAI	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:12:3X9:CAJ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:12:3X9:CAO	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:12:3X9:CAR	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:12:3X9:CAS	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:12:3X9:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:12:3X9:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:12:3X9:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:12:3X9:HAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:12:3X9:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:12:3X9:N	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HD13	1:A:12:3X9:NAQ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:12:3X9:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:12:3X9:OAH	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:12:3X9:SAL	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:12:3X9:SG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:14:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:14:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:14:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:14:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:14:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:14:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:14:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:14:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:14:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:14:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:14:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:14:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:14:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:14:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:39:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:39:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:39:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:39:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:39:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:39:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:39:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:39:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:39:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:39:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:39:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:39:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:44:ILE:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:44:ILE:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:44:ILE:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:44:ILE:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:44:ILE:CG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:44:ILE:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:44:ILE:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:44:ILE:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:44:ILE:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:44:ILE:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:44:ILE:HD12	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HD13	1:A:44:ILE:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:44:ILE:HG12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:44:ILE:HG13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:44:ILE:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:44:ILE:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:44:ILE:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:44:ILE:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:44:ILE:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:46:ALA:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:46:ALA:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:46:ALA:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:46:ALA:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:46:ALA:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:46:ALA:HB1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:46:ALA:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:46:ALA:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:46:ALA:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:46:ALA:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:47:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:47:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:47:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:47:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:47:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:47:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:47:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:48:LYS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:48:LYS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:48:LYS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:48:LYS:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:48:LYS:CE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:48:LYS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:48:LYS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:48:LYS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:48:LYS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:48:LYS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:48:LYS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:48:LYS:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:48:LYS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:48:LYS:HE3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:48:LYS:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:48:LYS:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:48:LYS:HZ1	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HD13	1:A:48:LYS:HZ2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:48:LYS:HZ3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:48:LYS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:48:LYS:NZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:48:LYS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:49:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:49:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:49:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:49:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:49:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:49:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:49:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:49:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:49:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:49:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:49:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:49:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:49:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:49:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:49:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:49:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:49:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:51:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:51:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:51:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:51:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:51:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:51:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:51:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:51:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:51:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:51:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:51:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:51:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:51:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:51:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:51:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:52:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:52:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:52:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:52:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:52:ASP:H	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HD13	1:A:52:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:52:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:52:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:52:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:52:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:52:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:52:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:64:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:64:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:64:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:64:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:64:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:64:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:64:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:64:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:64:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:64:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:64:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:64:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:64:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:64:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:64:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:68:HIS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:68:HIS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:68:HIS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:68:HIS:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:68:HIS:CE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:68:HIS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:68:HIS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:68:HIS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:68:HIS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:68:HIS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:68:HIS:HD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:68:HIS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:68:HIS:HE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:68:HIS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:68:HIS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:68:HIS:ND1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:68:HIS:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:68:HIS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:71:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:71:LEU:CA	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HD13	1:A:71:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:71:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:71:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:71:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:71:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:71:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:71:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:71:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:71:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:71:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:71:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:71:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:71:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:71:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:71:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:71:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:71:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:72:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:72:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:72:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:72:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:72:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:72:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:72:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:72:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:72:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:72:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:72:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:72:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:72:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:72:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:72:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:72:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:72:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:72:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:72:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:72:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:72:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:72:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:72:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:72:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:73:LEU:C	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HD13	1:A:73:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:73:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:73:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:73:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:73:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:73:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:73:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:73:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:73:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:73:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:73:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:73:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:73:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:73:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:73:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:73:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:73:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:73:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:74:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:74:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:74:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:74:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:74:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:74:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:74:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:74:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:74:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:74:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:74:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:74:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:74:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:74:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:74:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:74:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:74:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:74:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:74:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:74:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:74:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:74:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:74:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:74:ARG:O	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HD13	1:A:75:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:75:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:75:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:75:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:75:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:75:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:75:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:76:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:76:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:76:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:76:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:76:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:76:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HD13	1:A:76:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:2:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:2:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:2:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:2:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:2:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:2:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:2:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:2:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:2:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:2:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:2:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:2:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:2:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:2:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:2:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:2:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:2:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:CG	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:9:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:9:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:9:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:9:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:9:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:9:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:9:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:9:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:9:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:9:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:9:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:9:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:9:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:9:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:10:GLY:C	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG12	1:A:10:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:10:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:10:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:10:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:10:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:10:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:12:3X9:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:12:3X9:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:12:3X9:CAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:12:3X9:CAB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:12:3X9:CAC	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:12:3X9:CAD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:12:3X9:CAI	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:12:3X9:CAJ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:12:3X9:CAO	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:12:3X9:CAR	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:12:3X9:CAS	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:12:3X9:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:12:3X9:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:12:3X9:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:12:3X9:HAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:12:3X9:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:12:3X9:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:12:3X9:NAQ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:12:3X9:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:12:3X9:OAH	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:12:3X9:SAL	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:12:3X9:SG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:14:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:14:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:14:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:14:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:14:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:14:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:14:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:14:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:14:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:14:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:14:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:14:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:14:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:14:THR:OG1	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG12	1:A:39:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:39:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:39:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:39:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:39:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:39:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:39:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:39:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:39:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:39:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:39:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:39:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:44:ILE:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:44:ILE:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:44:ILE:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:44:ILE:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:44:ILE:CG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:44:ILE:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:44:ILE:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:44:ILE:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:44:ILE:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:44:ILE:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:44:ILE:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:44:ILE:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:44:ILE:HG12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:44:ILE:HG13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:44:ILE:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:44:ILE:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:44:ILE:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:44:ILE:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:44:ILE:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:46:ALA:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:46:ALA:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:46:ALA:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:46:ALA:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:46:ALA:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:46:ALA:HB1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:46:ALA:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:46:ALA:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:46:ALA:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:46:ALA:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:47:GLY:C	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG12	1:A:47:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:47:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:47:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:47:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:47:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:47:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:48:LYS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:48:LYS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:48:LYS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:48:LYS:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:48:LYS:CE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:48:LYS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:48:LYS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:48:LYS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:48:LYS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:48:LYS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:48:LYS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:48:LYS:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:48:LYS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:48:LYS:HE3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:48:LYS:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:48:LYS:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:48:LYS:HZ1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:48:LYS:HZ2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:48:LYS:HZ3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:48:LYS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:48:LYS:NZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:48:LYS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:49:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:49:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:49:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:49:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:49:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:49:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:49:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:49:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:49:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:49:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:49:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:49:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:49:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:49:GLN:N	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG12	1:A:49:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:49:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:49:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:51:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:51:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:51:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:51:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:51:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:51:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:51:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:51:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:51:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:51:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:51:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:51:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:51:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:51:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:51:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:52:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:52:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:52:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:52:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:52:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:52:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:52:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:52:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:52:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:52:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:52:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:52:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:64:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:64:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:64:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:64:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:64:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:64:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:64:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:64:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:64:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:64:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:64:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:64:GLU:N	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG12	1:A:64:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:64:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:64:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:68:HIS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:68:HIS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:68:HIS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:68:HIS:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:68:HIS:CE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:68:HIS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:68:HIS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:68:HIS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:68:HIS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:68:HIS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:68:HIS:HD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:68:HIS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:68:HIS:HE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:68:HIS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:68:HIS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:68:HIS:ND1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:68:HIS:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:68:HIS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:71:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:71:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:71:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:71:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:71:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:71:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:71:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:71:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:71:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:71:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:71:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:71:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:71:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:71:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:71:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:71:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:71:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:71:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:71:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:72:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:72:ARG:CA	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG12	1:A:72:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:72:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:72:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:72:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:72:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:72:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:72:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:72:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:72:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:72:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:72:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:72:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:72:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:72:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:72:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:72:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:72:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:72:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:72:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:72:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:72:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:72:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:73:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:73:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:73:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:73:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:73:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:73:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:73:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:73:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:73:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:73:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:73:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:73:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:73:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:73:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:73:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:73:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:73:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:73:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:73:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:74:ARG:C	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG12	1:A:74:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:74:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:74:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:74:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:74:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:74:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:74:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:74:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:74:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:74:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:74:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:74:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:74:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:74:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:74:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:74:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:74:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:74:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:74:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:74:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:74:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:74:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:74:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:75:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:75:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:75:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:75:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:75:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:75:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:75:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:76:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:76:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:76:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:76:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:76:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:76:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG12	1:A:76:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:2:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:2:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:2:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:2:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:2:GLN:CG	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG13	1:A:2:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:2:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:2:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:2:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:2:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:2:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:2:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:2:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:2:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:2:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:2:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:2:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:HD22	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:9:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:9:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:9:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:9:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:9:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:9:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:9:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:9:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:9:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:9:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:9:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:9:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:9:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:9:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:10:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:10:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:10:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:10:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:10:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:10:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:10:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:12:3X9:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:12:3X9:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:12:3X9:CAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:12:3X9:CAB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:12:3X9:CAC	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:12:3X9:CAD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:12:3X9:CAI	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:12:3X9:CAJ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:12:3X9:CAO	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:12:3X9:CAR	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:12:3X9:CAS	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:12:3X9:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:12:3X9:H	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG13	1:A:12:3X9:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:12:3X9:HAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:12:3X9:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:12:3X9:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:12:3X9:NAQ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:12:3X9:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:12:3X9:OAH	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:12:3X9:SAL	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:12:3X9:SG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:14:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:14:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:14:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:14:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:14:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:14:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:14:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:14:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:14:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:14:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:14:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:14:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:14:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:14:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:39:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:39:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:39:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:39:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:39:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:39:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:39:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:39:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:39:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:39:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:39:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:39:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:44:ILE:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:44:ILE:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:44:ILE:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:44:ILE:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:44:ILE:CG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:44:ILE:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:44:ILE:H	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG13	1:A:44:ILE:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:44:ILE:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:44:ILE:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:44:ILE:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:44:ILE:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:44:ILE:HG12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:44:ILE:HG13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:44:ILE:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:44:ILE:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:44:ILE:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:44:ILE:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:44:ILE:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:46:ALA:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:46:ALA:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:46:ALA:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:46:ALA:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:46:ALA:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:46:ALA:HB1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:46:ALA:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:46:ALA:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:46:ALA:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:46:ALA:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:47:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:47:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:47:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:47:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:47:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:47:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:47:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:48:LYS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:48:LYS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:48:LYS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:48:LYS:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:48:LYS:CE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:48:LYS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:48:LYS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:48:LYS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:48:LYS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:48:LYS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:48:LYS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:48:LYS:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:48:LYS:HE2	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG13	1:A:48:LYS:HE3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:48:LYS:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:48:LYS:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:48:LYS:HZ1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:48:LYS:HZ2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:48:LYS:HZ3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:48:LYS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:48:LYS:NZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:48:LYS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:49:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:49:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:49:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:49:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:49:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:49:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:49:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:49:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:49:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:49:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:49:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:49:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:49:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:49:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:49:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:49:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:49:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:51:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:51:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:51:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:51:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:51:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:51:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:51:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:51:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:51:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:51:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:51:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:51:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:51:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:51:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:51:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:52:ASP:C	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG13	1:A:52:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:52:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:52:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:52:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:52:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:52:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:52:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:52:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:52:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:52:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:52:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:64:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:64:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:64:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:64:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:64:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:64:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:64:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:64:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:64:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:64:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:64:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:64:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:64:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:64:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:64:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:68:HIS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:68:HIS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:68:HIS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:68:HIS:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:68:HIS:CE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:68:HIS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:68:HIS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:68:HIS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:68:HIS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:68:HIS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:68:HIS:HD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:68:HIS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:68:HIS:HE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:68:HIS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:68:HIS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:68:HIS:ND1	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG13	1:A:68:HIS:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:68:HIS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:71:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:71:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:71:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:71:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:71:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:71:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:71:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:71:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:71:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:71:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:71:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:71:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:71:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:71:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:71:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:71:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:71:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:71:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:71:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:72:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:72:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:72:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:72:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:72:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:72:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:72:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:72:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:72:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:72:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:72:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:72:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:72:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:72:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:72:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:72:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:72:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:72:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:72:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:72:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:72:ARG:NE	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG13	1:A:72:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:72:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:72:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:73:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:73:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:73:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:73:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:73:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:73:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:73:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:73:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:73:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:73:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:73:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:73:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:73:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:73:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:73:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:73:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:73:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:73:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:73:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:74:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:74:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:74:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:74:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:74:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:74:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:74:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:74:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:74:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:74:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:74:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:74:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:74:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:74:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:74:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:74:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:74:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:74:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:74:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:74:ARG:N	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG13	1:A:74:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:74:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:74:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:74:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:75:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:75:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:75:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:75:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:75:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:75:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:75:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:76:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:76:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:76:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:76:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:76:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:76:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG13	1:A:76:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:2:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:2:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:2:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:2:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:2:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:2:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:2:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:2:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:2:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:2:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:2:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:2:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:2:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:2:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:2:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:2:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:2:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:CD1	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:9:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:9:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:9:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:9:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:9:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:9:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:9:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:9:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:9:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:9:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:9:THR:HG23	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG21	1:A:9:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:9:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:9:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:10:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:10:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:10:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:10:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:10:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:10:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:10:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:12:3X9:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:12:3X9:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:12:3X9:CAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:12:3X9:CAB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:12:3X9:CAC	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:12:3X9:CAD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:12:3X9:CAI	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:12:3X9:CAJ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:12:3X9:CAO	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:12:3X9:CAR	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:12:3X9:CAS	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:12:3X9:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:12:3X9:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:12:3X9:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:12:3X9:HAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:12:3X9:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:12:3X9:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:12:3X9:NAQ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:12:3X9:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:12:3X9:OAH	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:12:3X9:SAL	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:12:3X9:SG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:14:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:14:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:14:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:14:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:14:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:14:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:14:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:14:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:14:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:14:THR:HG22	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG21	1:A:14:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:14:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:14:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:14:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:39:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:39:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:39:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:39:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:39:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:39:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:39:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:39:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:39:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:39:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:39:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:39:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:44:ILE:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:44:ILE:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:44:ILE:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:44:ILE:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:44:ILE:CG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:44:ILE:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:44:ILE:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:44:ILE:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:44:ILE:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:44:ILE:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:44:ILE:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:44:ILE:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:44:ILE:HG12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:44:ILE:HG13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:44:ILE:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:44:ILE:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:44:ILE:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:44:ILE:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:44:ILE:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:46:ALA:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:46:ALA:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:46:ALA:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:46:ALA:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:46:ALA:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:46:ALA:HB1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:46:ALA:HB2	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG21	1:A:46:ALA:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:46:ALA:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:46:ALA:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:47:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:47:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:47:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:47:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:47:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:47:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:47:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:48:LYS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:48:LYS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:48:LYS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:48:LYS:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:48:LYS:CE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:48:LYS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:48:LYS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:48:LYS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:48:LYS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:48:LYS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:48:LYS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:48:LYS:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:48:LYS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:48:LYS:HE3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:48:LYS:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:48:LYS:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:48:LYS:HZ1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:48:LYS:HZ2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:48:LYS:HZ3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:48:LYS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:48:LYS:NZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:48:LYS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:49:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:49:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:49:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:49:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:49:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:49:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:49:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:49:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:49:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:49:GLN:HE21	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG21	1:A:49:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:49:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:49:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:49:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:49:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:49:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:49:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:51:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:51:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:51:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:51:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:51:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:51:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:51:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:51:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:51:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:51:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:51:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:51:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:51:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:51:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:51:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:52:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:52:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:52:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:52:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:52:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:52:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:52:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:52:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:52:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:52:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:52:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:52:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:64:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:64:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:64:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:64:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:64:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:64:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:64:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:64:GLU:HB2	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG21	1:A:64:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:64:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:64:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:64:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:64:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:64:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:64:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:68:HIS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:68:HIS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:68:HIS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:68:HIS:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:68:HIS:CE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:68:HIS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:68:HIS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:68:HIS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:68:HIS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:68:HIS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:68:HIS:HD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:68:HIS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:68:HIS:HE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:68:HIS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:68:HIS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:68:HIS:ND1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:68:HIS:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:68:HIS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:71:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:71:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:71:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:71:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:71:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:71:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:71:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:71:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:71:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:71:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:71:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:71:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:71:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:71:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:71:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:71:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:71:LEU:HG	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG21	1:A:71:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:71:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:72:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:72:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:72:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:72:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:72:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:72:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:72:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:72:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:72:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:72:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:72:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:72:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:72:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:72:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:72:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:72:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:72:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:72:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:72:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:72:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:72:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:72:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:72:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:72:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:73:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:73:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:73:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:73:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:73:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:73:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:73:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:73:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:73:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:73:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:73:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:73:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:73:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:73:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:73:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:73:LEU:HD23	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG21	1:A:73:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:73:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:73:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:74:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:74:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:74:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:74:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:74:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:74:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:74:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:74:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:74:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:74:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:74:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:74:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:74:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:74:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:74:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:74:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:74:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:74:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:74:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:74:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:74:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:74:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:74:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:74:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:75:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:75:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:75:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:75:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:75:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:75:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:75:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:76:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:76:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:76:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:76:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:76:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:76:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG21	1:A:76:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:2:GLN:C	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG22	1:A:2:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:2:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:2:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:2:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:2:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:2:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:2:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:2:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:2:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:2:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:2:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:2:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:2:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:2:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:2:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:2:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:HD13	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:9:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:9:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:9:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:9:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:9:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:9:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:9:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:9:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:9:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:9:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:9:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:9:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:9:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:9:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:10:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:10:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:10:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:10:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:10:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:10:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:10:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:12:3X9:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:12:3X9:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:12:3X9:CAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:12:3X9:CAB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:12:3X9:CAC	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:12:3X9:CAD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:12:3X9:CAI	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:12:3X9:CAJ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:12:3X9:CAO	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG22	1:A:12:3X9:CAR	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:12:3X9:CAS	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:12:3X9:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:12:3X9:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:12:3X9:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:12:3X9:HAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:12:3X9:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:12:3X9:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:12:3X9:NAQ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:12:3X9:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:12:3X9:OAH	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:12:3X9:SAL	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:12:3X9:SG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:14:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:14:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:14:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:14:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:14:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:14:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:14:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:14:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:14:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:14:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:14:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:14:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:14:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:14:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:39:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:39:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:39:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:39:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:39:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:39:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:39:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:39:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:39:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:39:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:39:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:39:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:44:ILE:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:44:ILE:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:44:ILE:CB	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG22	1:A:44:ILE:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:44:ILE:CG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:44:ILE:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:44:ILE:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:44:ILE:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:44:ILE:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:44:ILE:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:44:ILE:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:44:ILE:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:44:ILE:HG12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:44:ILE:HG13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:44:ILE:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:44:ILE:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:44:ILE:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:44:ILE:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:44:ILE:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:46:ALA:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:46:ALA:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:46:ALA:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:46:ALA:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:46:ALA:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:46:ALA:HB1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:46:ALA:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:46:ALA:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:46:ALA:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:46:ALA:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:47:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:47:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:47:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:47:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:47:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:47:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:47:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:48:LYS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:48:LYS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:48:LYS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:48:LYS:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:48:LYS:CE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:48:LYS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:48:LYS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:48:LYS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:48:LYS:HB2	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG22	1:A:48:LYS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:48:LYS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:48:LYS:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:48:LYS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:48:LYS:HE3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:48:LYS:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:48:LYS:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:48:LYS:HZ1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:48:LYS:HZ2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:48:LYS:HZ3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:48:LYS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:48:LYS:NZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:48:LYS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:49:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:49:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:49:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:49:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:49:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:49:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:49:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:49:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:49:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:49:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:49:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:49:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:49:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:49:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:49:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:49:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:49:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:51:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:51:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:51:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:51:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:51:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:51:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:51:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:51:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:51:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:51:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:51:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:51:GLU:N	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG22	1:A:51:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:51:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:51:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:52:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:52:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:52:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:52:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:52:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:52:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:52:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:52:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:52:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:52:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:52:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:52:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:64:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:64:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:64:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:64:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:64:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:64:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:64:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:64:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:64:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:64:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:64:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:64:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:64:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:64:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:64:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:68:HIS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:68:HIS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:68:HIS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:68:HIS:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:68:HIS:CE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:68:HIS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:68:HIS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:68:HIS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:68:HIS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:68:HIS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:68:HIS:HD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:68:HIS:HD2	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG22	1:A:68:HIS:HE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:68:HIS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:68:HIS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:68:HIS:ND1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:68:HIS:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:68:HIS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:71:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:71:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:71:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:71:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:71:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:71:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:71:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:71:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:71:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:71:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:71:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:71:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:71:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:71:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:71:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:71:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:71:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:71:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:71:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:72:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:72:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:72:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:72:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:72:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:72:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:72:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:72:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:72:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:72:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:72:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:72:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:72:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:72:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:72:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:72:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:72:ARG:HH12	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG22	1:A:72:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:72:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:72:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:72:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:72:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:72:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:72:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:73:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:73:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:73:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:73:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:73:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:73:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:73:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:73:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:73:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:73:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:73:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:73:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:73:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:73:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:73:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:73:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:73:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:73:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:73:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:74:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:74:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:74:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:74:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:74:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:74:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:74:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:74:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:74:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:74:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:74:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:74:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:74:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:74:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:74:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:74:ARG:HH11	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG22	1:A:74:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:74:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:74:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:74:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:74:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:74:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:74:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:74:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:75:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:75:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:75:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:75:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:75:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:75:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:75:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:76:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:76:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:76:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:76:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:76:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:76:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG22	1:A:76:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:2:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:2:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:2:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:2:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:2:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:2:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:2:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:2:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:2:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:2:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:2:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:2:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:2:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:2:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:2:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:2:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:2:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:CA	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:9:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:9:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:9:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:9:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:9:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:9:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:9:THR:HB	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG23	1:A:9:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:9:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:9:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:9:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:9:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:9:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:9:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:10:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:10:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:10:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:10:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:10:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:10:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:10:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:12:3X9:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:12:3X9:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:12:3X9:CAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:12:3X9:CAB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:12:3X9:CAC	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:12:3X9:CAD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:12:3X9:CAI	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:12:3X9:CAJ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:12:3X9:CAO	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:12:3X9:CAR	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:12:3X9:CAS	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:12:3X9:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:12:3X9:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:12:3X9:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:12:3X9:HAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:12:3X9:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:12:3X9:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:12:3X9:NAQ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:12:3X9:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:12:3X9:OAH	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:12:3X9:SAL	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:12:3X9:SG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:14:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:14:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:14:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:14:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:14:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:14:THR:HA	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG23	1:A:14:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:14:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:14:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:14:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:14:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:14:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:14:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:14:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:39:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:39:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:39:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:39:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:39:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:39:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:39:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:39:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:39:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:39:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:39:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:39:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:44:ILE:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:44:ILE:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:44:ILE:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:44:ILE:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:44:ILE:CG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:44:ILE:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:44:ILE:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:44:ILE:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:44:ILE:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:44:ILE:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:44:ILE:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:44:ILE:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:44:ILE:HG12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:44:ILE:HG13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:44:ILE:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:44:ILE:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:44:ILE:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:44:ILE:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:44:ILE:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:46:ALA:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:46:ALA:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:46:ALA:CB	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG23	1:A:46:ALA:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:46:ALA:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:46:ALA:HB1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:46:ALA:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:46:ALA:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:46:ALA:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:46:ALA:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:47:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:47:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:47:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:47:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:47:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:47:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:47:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:48:LYS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:48:LYS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:48:LYS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:48:LYS:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:48:LYS:CE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:48:LYS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:48:LYS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:48:LYS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:48:LYS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:48:LYS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:48:LYS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:48:LYS:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:48:LYS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:48:LYS:HE3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:48:LYS:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:48:LYS:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:48:LYS:HZ1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:48:LYS:HZ2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:48:LYS:HZ3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:48:LYS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:48:LYS:NZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:48:LYS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:49:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:49:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:49:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:49:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:49:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:49:GLN:H	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG23	1:A:49:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:49:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:49:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:49:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:49:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:49:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:49:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:49:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:49:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:49:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:49:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:51:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:51:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:51:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:51:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:51:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:51:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:51:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:51:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:51:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:51:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:51:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:51:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:51:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:51:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:51:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:52:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:52:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:52:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:52:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:52:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:52:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:52:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:52:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:52:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:52:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:52:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:52:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:64:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:64:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:64:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:64:GLU:CD	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG23	1:A:64:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:64:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:64:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:64:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:64:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:64:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:64:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:64:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:64:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:64:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:64:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:68:HIS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:68:HIS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:68:HIS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:68:HIS:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:68:HIS:CE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:68:HIS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:68:HIS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:68:HIS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:68:HIS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:68:HIS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:68:HIS:HD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:68:HIS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:68:HIS:HE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:68:HIS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:68:HIS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:68:HIS:ND1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:68:HIS:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:68:HIS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:71:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:71:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:71:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:71:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:71:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:71:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:71:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:71:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:71:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:71:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:71:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:71:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:71:LEU:HD13	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG23	1:A:71:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:71:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:71:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:71:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:71:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:71:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:72:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:72:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:72:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:72:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:72:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:72:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:72:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:72:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:72:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:72:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:72:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:72:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:72:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:72:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:72:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:72:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:72:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:72:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:72:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:72:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:72:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:72:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:72:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:72:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:73:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:73:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:73:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:73:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:73:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:73:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:73:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:73:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:73:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:73:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:73:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:73:LEU:HD12	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG23	1:A:73:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:73:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:73:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:73:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:73:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:73:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:73:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:74:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:74:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:74:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:74:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:74:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:74:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:74:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:74:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:74:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:74:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:74:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:74:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:74:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:74:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:74:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:74:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:74:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:74:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:74:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:74:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:74:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:74:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:74:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:74:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:75:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:75:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:75:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:75:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:75:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:75:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:75:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:76:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:76:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:76:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:76:GLY:HA2	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:HG23	1:A:76:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:76:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:HG23	1:A:76:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:2:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:2:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:2:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:2:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:2:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:2:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:2:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:2:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:2:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:2:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:2:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:2:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:2:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:2:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:2:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:2:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:2:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:HD11	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:N	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:9:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:9:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:9:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:9:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:9:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:9:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:9:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:9:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:9:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:9:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:9:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:9:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:9:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:9:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:10:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:10:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:10:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:10:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:10:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:10:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:10:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:12:3X9:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:12:3X9:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:12:3X9:CAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:12:3X9:CAB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:12:3X9:CAC	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:N	1:A:12:3X9:CAD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:12:3X9:CAI	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:12:3X9:CAJ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:12:3X9:CAO	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:12:3X9:CAR	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:12:3X9:CAS	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:12:3X9:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:12:3X9:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:12:3X9:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:12:3X9:HAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:12:3X9:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:12:3X9:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:12:3X9:NAQ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:12:3X9:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:12:3X9:OAH	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:12:3X9:SAL	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:12:3X9:SG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:14:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:14:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:14:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:14:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:14:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:14:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:14:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:14:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:14:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:14:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:14:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:14:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:14:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:14:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:39:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:39:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:39:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:39:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:39:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:39:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:39:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:39:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:39:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:39:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:39:ASP:OD1	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:N	1:A:39:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:44:ILE:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:44:ILE:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:44:ILE:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:44:ILE:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:44:ILE:CG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:44:ILE:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:44:ILE:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:44:ILE:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:44:ILE:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:44:ILE:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:44:ILE:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:44:ILE:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:44:ILE:HG12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:44:ILE:HG13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:44:ILE:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:44:ILE:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:44:ILE:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:44:ILE:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:44:ILE:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:46:ALA:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:46:ALA:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:46:ALA:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:46:ALA:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:46:ALA:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:46:ALA:HB1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:46:ALA:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:46:ALA:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:46:ALA:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:46:ALA:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:47:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:47:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:47:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:47:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:47:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:47:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:47:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:48:LYS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:48:LYS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:48:LYS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:48:LYS:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:48:LYS:CE	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:N	1:A:48:LYS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:48:LYS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:48:LYS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:48:LYS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:48:LYS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:48:LYS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:48:LYS:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:48:LYS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:48:LYS:HE3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:48:LYS:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:48:LYS:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:48:LYS:HZ1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:48:LYS:HZ2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:48:LYS:HZ3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:48:LYS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:48:LYS:NZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:48:LYS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:49:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:49:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:49:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:49:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:49:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:49:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:49:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:49:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:49:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:49:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:49:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:49:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:49:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:49:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:49:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:49:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:49:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:51:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:51:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:51:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:51:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:51:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:51:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:51:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:51:GLU:HB2	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:N	1:A:51:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:51:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:51:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:51:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:51:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:51:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:51:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:52:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:52:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:52:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:52:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:52:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:52:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:52:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:52:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:52:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:52:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:52:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:52:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:64:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:64:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:64:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:64:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:64:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:64:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:64:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:64:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:64:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:64:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:64:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:64:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:64:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:64:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:64:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:68:HIS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:68:HIS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:68:HIS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:68:HIS:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:68:HIS:CE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:68:HIS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:68:HIS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:68:HIS:HA	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:N	1:A:68:HIS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:68:HIS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:68:HIS:HD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:68:HIS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:68:HIS:HE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:68:HIS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:68:HIS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:68:HIS:ND1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:68:HIS:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:68:HIS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:71:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:71:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:71:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:71:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:71:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:71:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:71:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:71:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:71:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:71:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:71:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:71:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:71:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:71:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:71:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:71:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:71:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:71:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:71:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:72:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:72:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:72:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:72:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:72:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:72:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:72:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:72:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:72:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:72:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:72:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:72:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:72:ARG:HE	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:N	1:A:72:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:72:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:72:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:72:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:72:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:72:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:72:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:72:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:72:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:72:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:72:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:73:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:73:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:73:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:73:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:73:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:73:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:73:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:73:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:73:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:73:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:73:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:73:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:73:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:73:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:73:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:73:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:73:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:73:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:73:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:74:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:74:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:74:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:74:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:74:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:74:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:74:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:74:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:74:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:74:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:74:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:74:ARG:HD3	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:N	1:A:74:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:74:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:74:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:74:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:74:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:74:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:74:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:74:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:74:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:74:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:74:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:74:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:75:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:75:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:75:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:75:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:75:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:75:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:75:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:76:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:76:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:76:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:76:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:76:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:76:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:N	1:A:76:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:2:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:2:GLN:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:2:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:2:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:2:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:2:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:2:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:2:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:2:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:2:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:2:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:2:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:2:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:2:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:2:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:2:GLN:O	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:O	1:A:2:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:8:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:9:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:9:THR:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:9:THR:CB	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:O	1:A:9:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:9:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:9:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:9:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:9:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:9:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:9:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:9:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:9:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:9:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:9:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:10:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:10:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:10:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:10:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:10:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:10:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:10:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:12:3X9:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:12:3X9:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:12:3X9:CAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:12:3X9:CAB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:12:3X9:CAC	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:12:3X9:CAD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:12:3X9:CAI	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:12:3X9:CAJ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:12:3X9:CAO	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:12:3X9:CAR	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:12:3X9:CAS	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:12:3X9:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:12:3X9:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:12:3X9:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:12:3X9:HAA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:12:3X9:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:12:3X9:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:12:3X9:NAQ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:12:3X9:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:12:3X9:OAH	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:12:3X9:SAL	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:12:3X9:SG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:14:THR:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:14:THR:CA	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:O	1:A:14:THR:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:14:THR:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:14:THR:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:14:THR:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:14:THR:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:14:THR:HG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:14:THR:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:14:THR:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:14:THR:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:14:THR:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:14:THR:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:14:THR:OG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:39:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:39:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:39:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:39:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:39:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:39:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:39:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:39:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:39:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:39:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:39:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:39:ASP:OD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:44:ILE:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:44:ILE:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:44:ILE:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:44:ILE:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:44:ILE:CG1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:44:ILE:CG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:44:ILE:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:44:ILE:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:44:ILE:HB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:44:ILE:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:44:ILE:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:44:ILE:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:44:ILE:HG12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:44:ILE:HG13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:44:ILE:HG21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:44:ILE:HG22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:44:ILE:HG23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:44:ILE:N	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:O	1:A:44:ILE:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:46:ALA:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:46:ALA:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:46:ALA:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:46:ALA:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:46:ALA:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:46:ALA:HB1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:46:ALA:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:46:ALA:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:46:ALA:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:46:ALA:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:47:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:47:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:47:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:47:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:47:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:47:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:47:GLY:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:48:LYS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:48:LYS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:48:LYS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:48:LYS:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:48:LYS:CE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:48:LYS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:48:LYS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:48:LYS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:48:LYS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:48:LYS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:48:LYS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:48:LYS:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:48:LYS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:48:LYS:HE3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:48:LYS:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:48:LYS:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:48:LYS:HZ1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:48:LYS:HZ2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:48:LYS:HZ3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:48:LYS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:48:LYS:NZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:48:LYS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:49:GLN:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:49:GLN:CA	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:O	1:A:49:GLN:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:49:GLN:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:49:GLN:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:49:GLN:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:49:GLN:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:49:GLN:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:49:GLN:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:49:GLN:HE21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:49:GLN:HE22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:49:GLN:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:49:GLN:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:49:GLN:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:49:GLN:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:49:GLN:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:49:GLN:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:51:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:51:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:51:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:51:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:51:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:51:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:51:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:51:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:51:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:51:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:51:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:51:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:51:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:51:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:51:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:52:ASP:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:52:ASP:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:52:ASP:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:52:ASP:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:52:ASP:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:52:ASP:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:52:ASP:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:52:ASP:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:52:ASP:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:52:ASP:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:52:ASP:OD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:52:ASP:OD2	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:O	1:A:64:GLU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:64:GLU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:64:GLU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:64:GLU:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:64:GLU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:64:GLU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:64:GLU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:64:GLU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:64:GLU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:64:GLU:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:64:GLU:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:64:GLU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:64:GLU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:64:GLU:OE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:64:GLU:OE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:68:HIS:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:68:HIS:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:68:HIS:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:68:HIS:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:68:HIS:CE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:68:HIS:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:68:HIS:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:68:HIS:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:68:HIS:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:68:HIS:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:68:HIS:HD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:68:HIS:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:68:HIS:HE1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:68:HIS:HE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:68:HIS:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:68:HIS:ND1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:68:HIS:NE2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:68:HIS:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:71:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:71:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:71:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:71:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:71:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:71:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:71:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:71:LEU:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:71:LEU:HB2	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:O	1:A:71:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:71:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:71:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:71:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:71:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:71:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:71:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:71:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:71:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:71:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:72:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:72:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:72:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:72:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:72:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:72:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:72:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:72:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:72:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:72:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:72:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:72:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:72:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:72:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:72:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:72:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:72:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:72:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:72:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:72:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:72:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:72:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:72:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:72:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:73:LEU:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:73:LEU:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:73:LEU:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:73:LEU:CD1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:73:LEU:CD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:73:LEU:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:73:LEU:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:73:LEU:HA	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:O	1:A:73:LEU:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:73:LEU:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:73:LEU:HD11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:73:LEU:HD12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:73:LEU:HD13	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:73:LEU:HD21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:73:LEU:HD22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:73:LEU:HD23	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:73:LEU:HG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:73:LEU:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:73:LEU:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:74:ARG:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:74:ARG:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:74:ARG:CB	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:74:ARG:CD	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:74:ARG:CG	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:74:ARG:CZ	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:74:ARG:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:74:ARG:HA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:74:ARG:HB2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:74:ARG:HB3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:74:ARG:HD2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:74:ARG:HD3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:74:ARG:HE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:74:ARG:HG2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:74:ARG:HG3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:74:ARG:HH11	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:74:ARG:HH12	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:74:ARG:HH21	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:74:ARG:HH22	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:74:ARG:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:74:ARG:NE	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:74:ARG:NH1	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:74:ARG:NH2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:74:ARG:O	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:75:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:75:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:75:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:75:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:75:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:75:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:75:GLY:O	8	1.1	0.17	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:17:ILE:O	1:A:76:GLY:C	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:76:GLY:CA	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:76:GLY:H	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:76:GLY:HA2	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:76:GLY:HA3	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:76:GLY:N	8	1.1	0.17	1.12
(1,15)	2:B:17:ILE:O	1:A:76:GLY:O	8	1.1	0.17	1.12
(1,13)	2:B:12:GLU:C	1:A:2:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:2:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:2:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:2:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:2:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:2:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:2:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:2:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:2:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:2:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:2:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:2:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:2:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:2:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:2:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:2:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:2:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:HB2	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:C	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:9:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:9:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:9:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:9:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:9:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:9:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:9:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:9:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:9:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:9:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:9:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:9:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:9:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:9:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:10:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:10:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:10:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:10:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:10:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:10:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:10:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:12:3X9:C	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:C	1:A:12:3X9:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:12:3X9:CAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:12:3X9:CAB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:12:3X9:CAC	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:12:3X9:CAD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:12:3X9:CAI	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:12:3X9:CAJ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:12:3X9:CAO	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:12:3X9:CAR	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:12:3X9:CAS	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:12:3X9:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:12:3X9:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:12:3X9:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:12:3X9:HAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:12:3X9:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:12:3X9:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:12:3X9:NAQ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:12:3X9:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:12:3X9:OAH	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:12:3X9:SAL	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:12:3X9:SG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:14:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:14:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:14:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:14:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:14:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:14:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:14:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:14:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:14:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:14:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:14:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:14:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:14:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:14:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:39:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:39:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:39:ASP:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:39:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:39:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:39:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:39:ASP:HB2	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:C	1:A:39:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:39:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:39:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:39:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:39:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:44:ILE:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:44:ILE:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:44:ILE:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:44:ILE:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:44:ILE:CG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:44:ILE:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:44:ILE:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:44:ILE:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:44:ILE:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:44:ILE:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:44:ILE:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:44:ILE:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:44:ILE:HG12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:44:ILE:HG13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:44:ILE:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:44:ILE:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:44:ILE:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:44:ILE:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:44:ILE:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:46:ALA:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:46:ALA:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:46:ALA:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:46:ALA:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:46:ALA:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:46:ALA:HB1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:46:ALA:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:46:ALA:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:46:ALA:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:46:ALA:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:47:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:47:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:47:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:47:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:47:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:47:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:47:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:48:LYS:C	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:C	1:A:48:LYS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:48:LYS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:48:LYS:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:48:LYS:CE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:48:LYS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:48:LYS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:48:LYS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:48:LYS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:48:LYS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:48:LYS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:48:LYS:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:48:LYS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:48:LYS:HE3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:48:LYS:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:48:LYS:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:48:LYS:HZ1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:48:LYS:HZ2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:48:LYS:HZ3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:48:LYS:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:48:LYS:NZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:48:LYS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:49:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:49:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:49:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:49:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:49:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:49:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:49:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:49:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:49:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:49:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:49:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:49:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:49:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:49:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:49:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:49:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:49:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:51:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:51:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:51:GLU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:51:GLU:CD	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:C	1:A:51:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:51:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:51:GLU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:51:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:51:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:51:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:51:GLU:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:51:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:51:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:51:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:51:GLU:OE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:52:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:52:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:52:ASP:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:52:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:52:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:52:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:52:ASP:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:52:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:52:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:52:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:52:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:52:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:64:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:64:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:64:GLU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:64:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:64:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:64:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:64:GLU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:64:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:64:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:64:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:64:GLU:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:64:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:64:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:64:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:64:GLU:OE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:68:HIS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:68:HIS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:68:HIS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:68:HIS:CD2	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:C	1:A:68:HIS:CE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:68:HIS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:68:HIS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:68:HIS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:68:HIS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:68:HIS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:68:HIS:HD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:68:HIS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:68:HIS:HE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:68:HIS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:68:HIS:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:68:HIS:ND1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:68:HIS:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:68:HIS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:71:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:71:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:71:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:71:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:71:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:71:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:71:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:71:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:71:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:71:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:71:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:71:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:71:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:71:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:71:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:71:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:71:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:71:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:71:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:72:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:72:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:72:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:72:ARG:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:72:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:72:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:72:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:72:ARG:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:72:ARG:HB2	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:C	1:A:72:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:72:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:72:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:72:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:72:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:72:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:72:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:72:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:72:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:72:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:72:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:72:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:72:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:72:ARG:NH2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:72:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:73:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:73:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:73:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:73:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:73:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:73:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:73:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:73:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:73:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:73:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:73:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:73:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:73:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:73:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:73:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:73:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:73:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:73:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:73:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:74:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:74:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:74:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:74:ARG:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:74:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:74:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:74:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:74:ARG:HA	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:C	1:A:74:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:74:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:74:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:74:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:74:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:74:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:74:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:74:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:74:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:74:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:74:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:74:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:74:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:74:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:74:ARG:NH2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:74:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:75:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:75:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:75:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:75:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:75:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:75:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:75:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:76:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:76:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:76:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:76:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:76:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:76:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:C	1:A:76:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:2:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:2:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:2:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:2:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:2:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:2:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:2:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:2:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:2:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:2:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:2:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:2:GLN:HG2	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CA	1:A:2:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:2:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:2:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:2:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:2:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:O	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CA	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:9:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:9:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:9:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:9:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:9:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:9:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:9:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:9:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:9:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:9:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:9:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:9:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:9:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:9:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:10:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:10:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:10:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:10:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:10:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:10:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:10:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:12:3X9:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:12:3X9:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:12:3X9:CAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:12:3X9:CAB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:12:3X9:CAC	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:12:3X9:CAD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:12:3X9:CAI	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:12:3X9:CAJ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:12:3X9:CAO	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:12:3X9:CAR	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:12:3X9:CAS	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:12:3X9:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:12:3X9:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:12:3X9:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:12:3X9:HAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:12:3X9:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:12:3X9:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:12:3X9:NAQ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:12:3X9:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:12:3X9:OAH	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CA	1:A:12:3X9:SAL	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:12:3X9:SG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:14:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:14:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:14:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:14:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:14:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:14:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:14:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:14:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:14:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:14:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:14:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:14:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:14:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:14:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:39:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:39:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:39:ASP:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:39:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:39:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:39:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:39:ASP:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:39:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:39:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:39:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:39:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:39:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:44:ILE:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:44:ILE:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:44:ILE:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:44:ILE:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:44:ILE:CG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:44:ILE:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:44:ILE:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:44:ILE:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:44:ILE:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:44:ILE:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:44:ILE:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:44:ILE:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:44:ILE:HG12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:44:ILE:HG13	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CA	1:A:44:ILE:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:44:ILE:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:44:ILE:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:44:ILE:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:44:ILE:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:46:ALA:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:46:ALA:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:46:ALA:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:46:ALA:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:46:ALA:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:46:ALA:HB1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:46:ALA:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:46:ALA:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:46:ALA:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:46:ALA:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:47:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:47:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:47:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:47:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:47:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:47:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:47:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:48:LYS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:48:LYS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:48:LYS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:48:LYS:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:48:LYS:CE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:48:LYS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:48:LYS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:48:LYS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:48:LYS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:48:LYS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:48:LYS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:48:LYS:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:48:LYS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:48:LYS:HE3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:48:LYS:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:48:LYS:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:48:LYS:HZ1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:48:LYS:HZ2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:48:LYS:HZ3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:48:LYS:N	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CA	1:A:48:LYS:NZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:48:LYS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:49:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:49:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:49:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:49:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:49:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:49:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:49:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:49:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:49:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:49:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:49:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:49:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:49:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:49:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:49:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:49:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:49:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:51:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:51:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:51:GLU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:51:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:51:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:51:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:51:GLU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:51:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:51:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:51:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:51:GLU:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:51:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:51:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:51:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:51:GLU:OE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:52:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:52:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:52:ASP:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:52:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:52:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:52:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:52:ASP:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:52:ASP:HB3	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CA	1:A:52:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:52:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:52:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:52:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:64:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:64:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:64:GLU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:64:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:64:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:64:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:64:GLU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:64:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:64:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:64:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:64:GLU:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:64:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:64:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:64:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:64:GLU:OE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:68:HIS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:68:HIS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:68:HIS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:68:HIS:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:68:HIS:CE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:68:HIS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:68:HIS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:68:HIS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:68:HIS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:68:HIS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:68:HIS:HD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:68:HIS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:68:HIS:HE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:68:HIS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:68:HIS:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:68:HIS:ND1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:68:HIS:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:68:HIS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:71:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:71:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:71:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:71:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:71:LEU:CD2	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CA	1:A:71:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:71:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:71:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:71:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:71:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:71:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:71:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:71:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:71:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:71:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:71:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:71:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:71:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:71:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:72:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:72:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:72:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:72:ARG:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:72:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:72:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:72:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:72:ARG:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:72:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:72:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:72:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:72:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:72:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:72:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:72:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:72:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:72:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:72:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:72:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:72:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:72:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:72:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:72:ARG:NH2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:72:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:73:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:73:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:73:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:73:LEU:CD1	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CA	1:A:73:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:73:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:73:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:73:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:73:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:73:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:73:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:73:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:73:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:73:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:73:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:73:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:73:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:73:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:73:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:74:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:74:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:74:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:74:ARG:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:74:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:74:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:74:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:74:ARG:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:74:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:74:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:74:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:74:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:74:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:74:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:74:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:74:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:74:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:74:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:74:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:74:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:74:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:74:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:74:ARG:NH2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:74:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:75:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:75:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:75:GLY:H	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CA	1:A:75:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:75:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:75:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:75:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:76:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:76:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:76:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:76:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:76:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:76:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CA	1:A:76:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:2:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:2:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:2:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:2:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:2:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:2:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:2:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:2:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:2:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:2:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:2:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:2:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:2:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:2:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:2:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:2:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:2:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:H	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:9:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:9:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:9:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:9:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:9:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:9:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:9:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:9:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:9:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:9:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:9:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:9:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:9:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:9:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:10:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:10:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:10:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:10:GLY:HA2	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CB	1:A:10:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:10:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:10:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:12:3X9:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:12:3X9:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:12:3X9:CAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:12:3X9:CAB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:12:3X9:CAC	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:12:3X9:CAD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:12:3X9:CAI	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:12:3X9:CAJ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:12:3X9:CAO	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:12:3X9:CAR	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:12:3X9:CAS	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:12:3X9:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:12:3X9:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:12:3X9:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:12:3X9:HAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:12:3X9:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:12:3X9:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:12:3X9:NAQ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:12:3X9:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:12:3X9:OAH	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:12:3X9:SAL	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:12:3X9:SG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:14:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:14:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:14:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:14:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:14:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:14:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:14:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:14:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:14:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:14:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:14:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:14:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:14:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:14:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:39:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:39:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:39:ASP:CB	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CB	1:A:39:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:39:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:39:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:39:ASP:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:39:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:39:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:39:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:39:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:39:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:44:ILE:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:44:ILE:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:44:ILE:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:44:ILE:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:44:ILE:CG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:44:ILE:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:44:ILE:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:44:ILE:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:44:ILE:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:44:ILE:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:44:ILE:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:44:ILE:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:44:ILE:HG12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:44:ILE:HG13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:44:ILE:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:44:ILE:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:44:ILE:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:44:ILE:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:44:ILE:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:46:ALA:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:46:ALA:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:46:ALA:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:46:ALA:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:46:ALA:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:46:ALA:HB1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:46:ALA:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:46:ALA:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:46:ALA:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:46:ALA:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:47:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:47:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:47:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:47:GLY:HA2	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CB	1:A:47:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:47:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:47:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:48:LYS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:48:LYS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:48:LYS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:48:LYS:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:48:LYS:CE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:48:LYS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:48:LYS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:48:LYS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:48:LYS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:48:LYS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:48:LYS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:48:LYS:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:48:LYS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:48:LYS:HE3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:48:LYS:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:48:LYS:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:48:LYS:HZ1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:48:LYS:HZ2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:48:LYS:HZ3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:48:LYS:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:48:LYS:NZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:48:LYS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:49:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:49:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:49:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:49:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:49:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:49:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:49:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:49:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:49:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:49:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:49:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:49:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:49:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:49:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:49:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:49:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:49:GLN:OE1	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CB	1:A:51:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:51:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:51:GLU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:51:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:51:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:51:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:51:GLU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:51:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:51:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:51:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:51:GLU:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:51:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:51:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:51:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:51:GLU:OE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:52:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:52:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:52:ASP:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:52:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:52:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:52:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:52:ASP:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:52:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:52:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:52:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:52:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:52:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:64:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:64:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:64:GLU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:64:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:64:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:64:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:64:GLU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:64:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:64:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:64:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:64:GLU:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:64:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:64:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:64:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:64:GLU:OE2	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CB	1:A:68:HIS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:68:HIS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:68:HIS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:68:HIS:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:68:HIS:CE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:68:HIS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:68:HIS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:68:HIS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:68:HIS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:68:HIS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:68:HIS:HD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:68:HIS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:68:HIS:HE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:68:HIS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:68:HIS:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:68:HIS:ND1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:68:HIS:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:68:HIS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:71:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:71:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:71:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:71:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:71:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:71:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:71:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:71:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:71:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:71:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:71:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:71:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:71:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:71:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:71:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:71:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:71:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:71:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:71:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:72:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:72:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:72:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:72:ARG:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:72:ARG:CG	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CB	1:A:72:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:72:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:72:ARG:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:72:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:72:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:72:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:72:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:72:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:72:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:72:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:72:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:72:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:72:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:72:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:72:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:72:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:72:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:72:ARG:NH2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:72:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:73:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:73:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:73:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:73:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:73:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:73:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:73:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:73:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:73:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:73:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:73:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:73:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:73:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:73:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:73:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:73:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:73:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:73:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:73:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:74:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:74:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:74:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:74:ARG:CD	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CB	1:A:74:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:74:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:74:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:74:ARG:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:74:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:74:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:74:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:74:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:74:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:74:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:74:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:74:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:74:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:74:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:74:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:74:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:74:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:74:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:74:ARG:NH2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:74:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:75:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:75:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:75:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:75:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:75:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:75:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:75:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:76:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:76:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:76:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:76:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:76:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:76:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CB	1:A:76:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:2:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:2:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:2:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:2:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:2:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:2:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:2:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:2:GLN:HB2	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CD	1:A:2:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:2:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:2:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:2:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:2:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:2:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:2:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:2:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:2:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:HG	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:9:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:9:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:9:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:9:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:9:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:9:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:9:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:9:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:9:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:9:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:9:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:9:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:9:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:9:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:10:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:10:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:10:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:10:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:10:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:10:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:10:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:12:3X9:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:12:3X9:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:12:3X9:CAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:12:3X9:CAB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:12:3X9:CAC	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:12:3X9:CAD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:12:3X9:CAI	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:12:3X9:CAJ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:12:3X9:CAO	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:12:3X9:CAR	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:12:3X9:CAS	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:12:3X9:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:12:3X9:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:12:3X9:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:12:3X9:HAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:12:3X9:HB3	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CD	1:A:12:3X9:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:12:3X9:NAQ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:12:3X9:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:12:3X9:OAH	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:12:3X9:SAL	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:12:3X9:SG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:14:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:14:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:14:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:14:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:14:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:14:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:14:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:14:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:14:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:14:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:14:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:14:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:14:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:14:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:39:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:39:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:39:ASP:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:39:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:39:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:39:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:39:ASP:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:39:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:39:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:39:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:39:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:39:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:44:ILE:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:44:ILE:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:44:ILE:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:44:ILE:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:44:ILE:CG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:44:ILE:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:44:ILE:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:44:ILE:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:44:ILE:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:44:ILE:HD11	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CD	1:A:44:ILE:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:44:ILE:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:44:ILE:HG12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:44:ILE:HG13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:44:ILE:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:44:ILE:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:44:ILE:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:44:ILE:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:44:ILE:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:46:ALA:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:46:ALA:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:46:ALA:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:46:ALA:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:46:ALA:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:46:ALA:HB1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:46:ALA:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:46:ALA:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:46:ALA:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:46:ALA:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:47:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:47:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:47:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:47:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:47:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:47:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:47:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:48:LYS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:48:LYS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:48:LYS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:48:LYS:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:48:LYS:CE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:48:LYS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:48:LYS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:48:LYS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:48:LYS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:48:LYS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:48:LYS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:48:LYS:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:48:LYS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:48:LYS:HE3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:48:LYS:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:48:LYS:HG3	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CD	1:A:48:LYS:HZ1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:48:LYS:HZ2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:48:LYS:HZ3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:48:LYS:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:48:LYS:NZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:48:LYS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:49:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:49:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:49:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:49:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:49:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:49:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:49:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:49:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:49:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:49:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:49:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:49:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:49:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:49:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:49:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:49:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:49:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:51:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:51:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:51:GLU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:51:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:51:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:51:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:51:GLU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:51:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:51:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:51:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:51:GLU:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:51:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:51:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:51:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:51:GLU:OE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:52:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:52:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:52:ASP:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:52:ASP:CG	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CD	1:A:52:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:52:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:52:ASP:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:52:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:52:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:52:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:52:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:52:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:64:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:64:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:64:GLU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:64:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:64:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:64:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:64:GLU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:64:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:64:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:64:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:64:GLU:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:64:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:64:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:64:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:64:GLU:OE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:68:HIS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:68:HIS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:68:HIS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:68:HIS:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:68:HIS:CE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:68:HIS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:68:HIS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:68:HIS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:68:HIS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:68:HIS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:68:HIS:HD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:68:HIS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:68:HIS:HE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:68:HIS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:68:HIS:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:68:HIS:ND1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:68:HIS:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:68:HIS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:71:LEU:C	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CD	1:A:71:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:71:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:71:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:71:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:71:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:71:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:71:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:71:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:71:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:71:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:71:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:71:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:71:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:71:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:71:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:71:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:71:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:71:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:72:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:72:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:72:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:72:ARG:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:72:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:72:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:72:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:72:ARG:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:72:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:72:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:72:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:72:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:72:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:72:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:72:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:72:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:72:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:72:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:72:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:72:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:72:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:72:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:72:ARG:NH2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:72:ARG:O	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CD	1:A:73:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:73:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:73:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:73:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:73:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:73:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:73:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:73:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:73:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:73:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:73:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:73:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:73:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:73:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:73:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:73:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:73:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:73:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:73:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:74:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:74:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:74:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:74:ARG:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:74:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:74:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:74:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:74:ARG:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:74:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:74:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:74:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:74:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:74:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:74:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:74:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:74:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:74:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:74:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:74:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:74:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:74:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:74:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:74:ARG:NH2	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CD	1:A:74:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:75:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:75:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:75:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:75:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:75:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:75:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:75:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:76:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:76:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:76:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:76:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:76:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:76:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CD	1:A:76:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:2:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:2:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:2:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:2:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:2:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:2:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:2:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:2:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:2:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:2:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:2:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:2:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:2:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:2:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:2:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:2:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:2:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:CD2	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:9:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:9:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:9:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:9:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:9:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:9:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:9:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:9:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:9:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:9:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:9:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:9:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:9:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:9:THR:OG1	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CG	1:A:10:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:10:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:10:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:10:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:10:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:10:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:10:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:12:3X9:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:12:3X9:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:12:3X9:CAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:12:3X9:CAB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:12:3X9:CAC	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:12:3X9:CAD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:12:3X9:CAI	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:12:3X9:CAJ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:12:3X9:CAO	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:12:3X9:CAR	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:12:3X9:CAS	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:12:3X9:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:12:3X9:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:12:3X9:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:12:3X9:HAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:12:3X9:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:12:3X9:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:12:3X9:NAQ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:12:3X9:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:12:3X9:OAH	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:12:3X9:SAL	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:12:3X9:SG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:14:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:14:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:14:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:14:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:14:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:14:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:14:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:14:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:14:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:14:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:14:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:14:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:14:THR:O	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CG	1:A:14:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:39:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:39:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:39:ASP:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:39:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:39:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:39:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:39:ASP:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:39:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:39:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:39:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:39:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:39:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:44:ILE:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:44:ILE:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:44:ILE:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:44:ILE:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:44:ILE:CG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:44:ILE:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:44:ILE:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:44:ILE:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:44:ILE:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:44:ILE:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:44:ILE:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:44:ILE:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:44:ILE:HG12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:44:ILE:HG13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:44:ILE:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:44:ILE:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:44:ILE:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:44:ILE:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:44:ILE:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:46:ALA:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:46:ALA:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:46:ALA:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:46:ALA:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:46:ALA:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:46:ALA:HB1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:46:ALA:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:46:ALA:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:46:ALA:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:46:ALA:O	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CG	1:A:47:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:47:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:47:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:47:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:47:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:47:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:47:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:48:LYS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:48:LYS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:48:LYS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:48:LYS:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:48:LYS:CE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:48:LYS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:48:LYS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:48:LYS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:48:LYS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:48:LYS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:48:LYS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:48:LYS:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:48:LYS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:48:LYS:HE3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:48:LYS:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:48:LYS:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:48:LYS:HZ1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:48:LYS:HZ2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:48:LYS:HZ3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:48:LYS:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:48:LYS:NZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:48:LYS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:49:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:49:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:49:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:49:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:49:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:49:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:49:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:49:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:49:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:49:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:49:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:49:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:49:GLN:HG3	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CG	1:A:49:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:49:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:49:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:49:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:51:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:51:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:51:GLU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:51:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:51:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:51:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:51:GLU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:51:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:51:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:51:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:51:GLU:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:51:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:51:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:51:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:51:GLU:OE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:52:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:52:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:52:ASP:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:52:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:52:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:52:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:52:ASP:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:52:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:52:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:52:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:52:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:52:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:64:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:64:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:64:GLU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:64:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:64:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:64:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:64:GLU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:64:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:64:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:64:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:64:GLU:HG3	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CG	1:A:64:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:64:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:64:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:64:GLU:OE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:68:HIS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:68:HIS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:68:HIS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:68:HIS:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:68:HIS:CE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:68:HIS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:68:HIS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:68:HIS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:68:HIS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:68:HIS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:68:HIS:HD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:68:HIS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:68:HIS:HE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:68:HIS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:68:HIS:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:68:HIS:ND1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:68:HIS:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:68:HIS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:71:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:71:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:71:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:71:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:71:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:71:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:71:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:71:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:71:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:71:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:71:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:71:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:71:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:71:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:71:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:71:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:71:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:71:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:71:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:72:ARG:C	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CG	1:A:72:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:72:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:72:ARG:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:72:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:72:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:72:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:72:ARG:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:72:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:72:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:72:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:72:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:72:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:72:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:72:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:72:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:72:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:72:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:72:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:72:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:72:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:72:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:72:ARG:NH2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:72:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:73:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:73:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:73:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:73:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:73:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:73:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:73:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:73:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:73:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:73:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:73:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:73:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:73:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:73:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:73:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:73:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:73:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:73:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:73:LEU:O	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:CG	1:A:74:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:74:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:74:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:74:ARG:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:74:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:74:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:74:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:74:ARG:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:74:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:74:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:74:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:74:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:74:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:74:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:74:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:74:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:74:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:74:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:74:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:74:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:74:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:74:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:74:ARG:NH2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:74:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:75:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:75:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:75:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:75:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:75:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:75:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:75:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:76:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:76:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:76:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:76:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:76:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:76:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:CG	1:A:76:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:2:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:2:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:2:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:2:GLN:CD	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:H	1:A:2:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:2:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:2:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:2:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:2:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:2:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:2:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:2:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:2:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:2:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:2:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:2:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:2:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:HD22	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:H	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:9:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:9:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:9:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:9:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:9:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:9:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:9:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:9:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:9:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:9:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:9:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:9:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:9:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:9:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:10:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:10:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:10:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:10:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:10:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:10:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:10:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:12:3X9:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:12:3X9:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:12:3X9:CAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:12:3X9:CAB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:12:3X9:CAC	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:12:3X9:CAD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:12:3X9:CAI	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:12:3X9:CAJ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:12:3X9:CAO	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:12:3X9:CAR	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:12:3X9:CAS	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:12:3X9:CB	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:H	1:A:12:3X9:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:12:3X9:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:12:3X9:HAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:12:3X9:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:12:3X9:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:12:3X9:NAQ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:12:3X9:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:12:3X9:OAH	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:12:3X9:SAL	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:12:3X9:SG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:14:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:14:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:14:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:14:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:14:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:14:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:14:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:14:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:14:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:14:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:14:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:14:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:14:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:14:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:39:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:39:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:39:ASP:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:39:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:39:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:39:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:39:ASP:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:39:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:39:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:39:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:39:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:39:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:44:ILE:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:44:ILE:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:44:ILE:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:44:ILE:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:44:ILE:CG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:44:ILE:CG2	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:H	1:A:44:ILE:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:44:ILE:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:44:ILE:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:44:ILE:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:44:ILE:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:44:ILE:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:44:ILE:HG12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:44:ILE:HG13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:44:ILE:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:44:ILE:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:44:ILE:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:44:ILE:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:44:ILE:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:46:ALA:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:46:ALA:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:46:ALA:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:46:ALA:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:46:ALA:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:46:ALA:HB1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:46:ALA:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:46:ALA:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:46:ALA:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:46:ALA:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:47:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:47:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:47:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:47:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:47:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:47:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:47:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:48:LYS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:48:LYS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:48:LYS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:48:LYS:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:48:LYS:CE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:48:LYS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:48:LYS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:48:LYS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:48:LYS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:48:LYS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:48:LYS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:48:LYS:HD3	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:H	1:A:48:LYS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:48:LYS:HE3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:48:LYS:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:48:LYS:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:48:LYS:HZ1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:48:LYS:HZ2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:48:LYS:HZ3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:48:LYS:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:48:LYS:NZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:48:LYS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:49:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:49:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:49:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:49:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:49:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:49:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:49:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:49:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:49:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:49:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:49:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:49:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:49:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:49:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:49:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:49:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:49:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:51:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:51:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:51:GLU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:51:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:51:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:51:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:51:GLU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:51:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:51:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:51:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:51:GLU:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:51:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:51:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:51:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:51:GLU:OE2	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:H	1:A:52:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:52:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:52:ASP:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:52:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:52:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:52:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:52:ASP:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:52:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:52:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:52:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:52:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:52:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:64:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:64:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:64:GLU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:64:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:64:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:64:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:64:GLU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:64:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:64:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:64:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:64:GLU:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:64:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:64:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:64:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:64:GLU:OE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:68:HIS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:68:HIS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:68:HIS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:68:HIS:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:68:HIS:CE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:68:HIS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:68:HIS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:68:HIS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:68:HIS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:68:HIS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:68:HIS:HD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:68:HIS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:68:HIS:HE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:68:HIS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:68:HIS:N	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:H	1:A:68:HIS:ND1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:68:HIS:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:68:HIS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:71:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:71:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:71:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:71:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:71:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:71:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:71:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:71:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:71:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:71:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:71:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:71:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:71:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:71:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:71:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:71:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:71:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:71:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:71:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:72:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:72:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:72:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:72:ARG:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:72:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:72:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:72:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:72:ARG:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:72:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:72:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:72:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:72:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:72:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:72:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:72:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:72:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:72:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:72:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:72:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:72:ARG:N	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:H	1:A:72:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:72:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:72:ARG:NH2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:72:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:73:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:73:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:73:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:73:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:73:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:73:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:73:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:73:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:73:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:73:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:73:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:73:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:73:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:73:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:73:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:73:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:73:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:73:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:73:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:74:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:74:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:74:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:74:ARG:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:74:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:74:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:74:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:74:ARG:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:74:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:74:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:74:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:74:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:74:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:74:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:74:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:74:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:74:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:74:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:74:ARG:HH22	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:H	1:A:74:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:74:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:74:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:74:ARG:NH2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:74:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:75:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:75:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:75:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:75:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:75:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:75:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:75:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:76:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:76:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:76:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:76:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:76:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:76:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:H	1:A:76:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:2:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:2:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:2:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:2:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:2:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:2:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:2:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:2:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:2:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:2:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:2:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:2:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:2:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:2:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:2:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:2:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:2:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:CB	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:9:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:9:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:9:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:9:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:9:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:9:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:9:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:9:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:9:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:9:THR:HG22	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HA	1:A:9:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:9:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:9:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:9:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:10:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:10:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:10:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:10:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:10:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:10:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:10:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:12:3X9:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:12:3X9:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:12:3X9:CAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:12:3X9:CAB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:12:3X9:CAC	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:12:3X9:CAD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:12:3X9:CAI	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:12:3X9:CAJ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:12:3X9:CAO	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:12:3X9:CAR	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:12:3X9:CAS	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:12:3X9:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:12:3X9:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:12:3X9:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:12:3X9:HAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:12:3X9:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:12:3X9:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:12:3X9:NAQ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:12:3X9:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:12:3X9:OAH	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:12:3X9:SAL	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:12:3X9:SG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:14:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:14:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:14:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:14:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:14:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:14:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:14:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:14:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:14:THR:HG21	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HA	1:A:14:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:14:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:14:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:14:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:14:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:39:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:39:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:39:ASP:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:39:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:39:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:39:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:39:ASP:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:39:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:39:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:39:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:39:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:39:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:44:ILE:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:44:ILE:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:44:ILE:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:44:ILE:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:44:ILE:CG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:44:ILE:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:44:ILE:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:44:ILE:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:44:ILE:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:44:ILE:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:44:ILE:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:44:ILE:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:44:ILE:HG12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:44:ILE:HG13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:44:ILE:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:44:ILE:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:44:ILE:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:44:ILE:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:44:ILE:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:46:ALA:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:46:ALA:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:46:ALA:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:46:ALA:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:46:ALA:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:46:ALA:HB1	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HA	1:A:46:ALA:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:46:ALA:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:46:ALA:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:46:ALA:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:47:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:47:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:47:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:47:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:47:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:47:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:47:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:48:LYS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:48:LYS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:48:LYS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:48:LYS:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:48:LYS:CE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:48:LYS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:48:LYS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:48:LYS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:48:LYS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:48:LYS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:48:LYS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:48:LYS:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:48:LYS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:48:LYS:HE3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:48:LYS:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:48:LYS:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:48:LYS:HZ1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:48:LYS:HZ2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:48:LYS:HZ3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:48:LYS:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:48:LYS:NZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:48:LYS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:49:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:49:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:49:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:49:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:49:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:49:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:49:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:49:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:49:GLN:HB3	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HA	1:A:49:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:49:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:49:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:49:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:49:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:49:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:49:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:49:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:51:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:51:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:51:GLU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:51:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:51:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:51:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:51:GLU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:51:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:51:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:51:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:51:GLU:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:51:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:51:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:51:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:51:GLU:OE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:52:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:52:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:52:ASP:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:52:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:52:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:52:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:52:ASP:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:52:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:52:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:52:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:52:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:52:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:64:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:64:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:64:GLU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:64:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:64:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:64:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:64:GLU:HA	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HA	1:A:64:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:64:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:64:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:64:GLU:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:64:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:64:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:64:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:64:GLU:OE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:68:HIS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:68:HIS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:68:HIS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:68:HIS:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:68:HIS:CE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:68:HIS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:68:HIS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:68:HIS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:68:HIS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:68:HIS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:68:HIS:HD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:68:HIS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:68:HIS:HE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:68:HIS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:68:HIS:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:68:HIS:ND1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:68:HIS:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:68:HIS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:71:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:71:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:71:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:71:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:71:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:71:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:71:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:71:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:71:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:71:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:71:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:71:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:71:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:71:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:71:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:71:LEU:HD23	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HA	1:A:71:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:71:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:71:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:72:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:72:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:72:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:72:ARG:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:72:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:72:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:72:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:72:ARG:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:72:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:72:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:72:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:72:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:72:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:72:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:72:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:72:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:72:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:72:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:72:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:72:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:72:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:72:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:72:ARG:NH2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:72:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:73:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:73:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:73:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:73:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:73:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:73:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:73:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:73:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:73:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:73:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:73:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:73:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:73:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:73:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:73:LEU:HD22	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HA	1:A:73:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:73:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:73:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:73:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:74:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:74:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:74:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:74:ARG:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:74:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:74:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:74:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:74:ARG:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:74:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:74:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:74:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:74:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:74:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:74:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:74:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:74:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:74:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:74:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:74:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:74:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:74:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:74:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:74:ARG:NH2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:74:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:75:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:75:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:75:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:75:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:75:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:75:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:75:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:76:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:76:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:76:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:76:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:76:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:76:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HA	1:A:76:GLY:O	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HB2	1:A:2:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:2:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:2:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:2:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:2:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:2:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:2:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:2:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:2:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:2:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:2:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:2:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:2:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:2:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:2:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:2:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:2:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:HD13	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:9:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:9:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:9:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:9:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:9:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:9:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:9:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:9:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:9:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:9:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:9:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:9:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:9:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:9:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:10:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:10:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:10:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:10:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:10:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:10:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:10:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:12:3X9:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:12:3X9:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:12:3X9:CAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:12:3X9:CAB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:12:3X9:CAC	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:12:3X9:CAD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:12:3X9:CAI	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:12:3X9:CAJ	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HB2	1:A:12:3X9:CAO	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:12:3X9:CAR	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:12:3X9:CAS	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:12:3X9:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:12:3X9:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:12:3X9:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:12:3X9:HAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:12:3X9:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:12:3X9:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:12:3X9:NAQ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:12:3X9:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:12:3X9:OAH	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:12:3X9:SAL	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:12:3X9:SG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:14:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:14:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:14:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:14:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:14:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:14:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:14:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:14:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:14:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:14:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:14:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:14:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:14:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:14:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:39:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:39:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:39:ASP:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:39:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:39:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:39:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:39:ASP:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:39:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:39:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:39:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:39:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:39:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:44:ILE:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:44:ILE:CA	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HB2	1:A:44:ILE:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:44:ILE:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:44:ILE:CG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:44:ILE:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:44:ILE:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:44:ILE:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:44:ILE:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:44:ILE:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:44:ILE:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:44:ILE:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:44:ILE:HG12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:44:ILE:HG13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:44:ILE:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:44:ILE:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:44:ILE:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:44:ILE:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:44:ILE:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:46:ALA:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:46:ALA:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:46:ALA:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:46:ALA:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:46:ALA:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:46:ALA:HB1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:46:ALA:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:46:ALA:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:46:ALA:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:46:ALA:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:47:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:47:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:47:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:47:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:47:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:47:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:47:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:48:LYS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:48:LYS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:48:LYS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:48:LYS:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:48:LYS:CE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:48:LYS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:48:LYS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:48:LYS:HA	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HB2	1:A:48:LYS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:48:LYS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:48:LYS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:48:LYS:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:48:LYS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:48:LYS:HE3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:48:LYS:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:48:LYS:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:48:LYS:HZ1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:48:LYS:HZ2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:48:LYS:HZ3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:48:LYS:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:48:LYS:NZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:48:LYS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:49:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:49:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:49:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:49:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:49:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:49:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:49:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:49:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:49:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:49:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:49:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:49:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:49:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:49:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:49:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:49:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:49:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:51:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:51:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:51:GLU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:51:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:51:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:51:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:51:GLU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:51:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:51:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:51:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:51:GLU:HG3	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HB2	1:A:51:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:51:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:51:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:51:GLU:OE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:52:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:52:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:52:ASP:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:52:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:52:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:52:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:52:ASP:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:52:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:52:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:52:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:52:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:52:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:64:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:64:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:64:GLU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:64:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:64:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:64:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:64:GLU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:64:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:64:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:64:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:64:GLU:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:64:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:64:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:64:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:64:GLU:OE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:68:HIS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:68:HIS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:68:HIS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:68:HIS:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:68:HIS:CE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:68:HIS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:68:HIS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:68:HIS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:68:HIS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:68:HIS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:68:HIS:HD1	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HB2	1:A:68:HIS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:68:HIS:HE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:68:HIS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:68:HIS:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:68:HIS:ND1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:68:HIS:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:68:HIS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:71:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:71:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:71:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:71:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:71:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:71:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:71:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:71:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:71:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:71:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:71:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:71:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:71:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:71:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:71:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:71:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:71:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:71:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:71:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:72:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:72:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:72:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:72:ARG:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:72:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:72:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:72:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:72:ARG:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:72:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:72:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:72:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:72:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:72:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:72:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:72:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:72:ARG:HH11	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HB2	1:A:72:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:72:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:72:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:72:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:72:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:72:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:72:ARG:NH2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:72:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:73:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:73:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:73:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:73:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:73:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:73:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:73:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:73:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:73:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:73:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:73:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:73:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:73:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:73:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:73:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:73:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:73:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:73:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:73:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:74:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:74:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:74:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:74:ARG:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:74:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:74:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:74:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:74:ARG:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:74:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:74:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:74:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:74:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:74:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:74:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:74:ARG:HG3	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HB2	1:A:74:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:74:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:74:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:74:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:74:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:74:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:74:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:74:ARG:NH2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:74:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:75:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:75:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:75:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:75:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:75:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:75:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:75:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:76:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:76:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:76:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:76:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:76:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:76:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB2	1:A:76:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:2:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:2:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:2:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:2:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:2:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:2:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:2:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:2:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:2:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:2:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:2:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:2:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:2:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:2:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:2:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:2:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:2:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:C	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:9:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:9:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:9:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:9:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:9:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:9:THR:HA	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HB3	1:A:9:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:9:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:9:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:9:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:9:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:9:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:9:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:9:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:10:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:10:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:10:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:10:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:10:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:10:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:10:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:12:3X9:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:12:3X9:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:12:3X9:CAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:12:3X9:CAB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:12:3X9:CAC	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:12:3X9:CAD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:12:3X9:CAI	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:12:3X9:CAJ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:12:3X9:CAO	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:12:3X9:CAR	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:12:3X9:CAS	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:12:3X9:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:12:3X9:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:12:3X9:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:12:3X9:HAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:12:3X9:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:12:3X9:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:12:3X9:NAQ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:12:3X9:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:12:3X9:OAH	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:12:3X9:SAL	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:12:3X9:SG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:14:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:14:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:14:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:14:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:14:THR:H	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HB3	1:A:14:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:14:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:14:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:14:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:14:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:14:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:14:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:14:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:14:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:39:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:39:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:39:ASP:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:39:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:39:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:39:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:39:ASP:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:39:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:39:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:39:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:39:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:39:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:44:ILE:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:44:ILE:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:44:ILE:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:44:ILE:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:44:ILE:CG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:44:ILE:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:44:ILE:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:44:ILE:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:44:ILE:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:44:ILE:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:44:ILE:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:44:ILE:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:44:ILE:HG12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:44:ILE:HG13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:44:ILE:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:44:ILE:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:44:ILE:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:44:ILE:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:44:ILE:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:46:ALA:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:46:ALA:CA	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HB3	1:A:46:ALA:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:46:ALA:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:46:ALA:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:46:ALA:HB1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:46:ALA:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:46:ALA:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:46:ALA:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:46:ALA:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:47:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:47:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:47:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:47:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:47:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:47:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:47:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:48:LYS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:48:LYS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:48:LYS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:48:LYS:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:48:LYS:CE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:48:LYS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:48:LYS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:48:LYS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:48:LYS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:48:LYS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:48:LYS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:48:LYS:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:48:LYS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:48:LYS:HE3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:48:LYS:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:48:LYS:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:48:LYS:HZ1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:48:LYS:HZ2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:48:LYS:HZ3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:48:LYS:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:48:LYS:NZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:48:LYS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:49:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:49:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:49:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:49:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:49:GLN:CG	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HB3	1:A:49:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:49:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:49:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:49:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:49:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:49:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:49:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:49:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:49:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:49:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:49:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:49:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:51:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:51:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:51:GLU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:51:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:51:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:51:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:51:GLU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:51:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:51:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:51:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:51:GLU:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:51:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:51:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:51:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:51:GLU:OE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:52:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:52:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:52:ASP:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:52:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:52:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:52:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:52:ASP:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:52:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:52:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:52:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:52:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:52:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:64:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:64:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:64:GLU:CB	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HB3	1:A:64:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:64:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:64:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:64:GLU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:64:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:64:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:64:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:64:GLU:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:64:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:64:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:64:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:64:GLU:OE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:68:HIS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:68:HIS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:68:HIS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:68:HIS:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:68:HIS:CE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:68:HIS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:68:HIS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:68:HIS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:68:HIS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:68:HIS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:68:HIS:HD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:68:HIS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:68:HIS:HE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:68:HIS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:68:HIS:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:68:HIS:ND1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:68:HIS:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:68:HIS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:71:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:71:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:71:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:71:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:71:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:71:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:71:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:71:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:71:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:71:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:71:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:71:LEU:HD12	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HB3	1:A:71:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:71:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:71:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:71:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:71:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:71:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:71:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:72:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:72:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:72:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:72:ARG:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:72:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:72:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:72:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:72:ARG:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:72:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:72:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:72:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:72:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:72:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:72:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:72:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:72:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:72:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:72:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:72:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:72:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:72:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:72:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:72:ARG:NH2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:72:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:73:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:73:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:73:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:73:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:73:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:73:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:73:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:73:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:73:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:73:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:73:LEU:HD11	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HB3	1:A:73:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:73:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:73:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:73:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:73:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:73:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:73:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:73:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:74:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:74:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:74:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:74:ARG:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:74:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:74:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:74:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:74:ARG:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:74:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:74:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:74:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:74:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:74:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:74:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:74:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:74:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:74:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:74:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:74:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:74:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:74:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:74:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:74:ARG:NH2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:74:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:75:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:75:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:75:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:75:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:75:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:75:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:75:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:76:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:76:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:76:GLY:H	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HB3	1:A:76:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:76:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:76:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HB3	1:A:76:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:2:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:2:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:2:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:2:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:2:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:2:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:2:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:2:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:2:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:2:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:2:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:2:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:2:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:2:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:2:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:2:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:2:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:HD11	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:9:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:9:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:9:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:9:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:9:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:9:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:9:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:9:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:9:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:9:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:9:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:9:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:9:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:9:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:10:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:10:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:10:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:10:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:10:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:10:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:10:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:12:3X9:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:12:3X9:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:12:3X9:CAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:12:3X9:CAB	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HG2	1:A:12:3X9:CAC	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:12:3X9:CAD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:12:3X9:CAI	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:12:3X9:CAJ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:12:3X9:CAO	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:12:3X9:CAR	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:12:3X9:CAS	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:12:3X9:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:12:3X9:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:12:3X9:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:12:3X9:HAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:12:3X9:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:12:3X9:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:12:3X9:NAQ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:12:3X9:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:12:3X9:OAH	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:12:3X9:SAL	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:12:3X9:SG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:14:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:14:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:14:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:14:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:14:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:14:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:14:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:14:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:14:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:14:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:14:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:14:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:14:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:14:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:39:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:39:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:39:ASP:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:39:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:39:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:39:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:39:ASP:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:39:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:39:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:39:ASP:O	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HG2	1:A:39:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:39:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:44:ILE:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:44:ILE:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:44:ILE:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:44:ILE:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:44:ILE:CG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:44:ILE:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:44:ILE:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:44:ILE:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:44:ILE:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:44:ILE:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:44:ILE:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:44:ILE:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:44:ILE:HG12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:44:ILE:HG13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:44:ILE:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:44:ILE:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:44:ILE:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:44:ILE:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:44:ILE:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:46:ALA:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:46:ALA:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:46:ALA:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:46:ALA:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:46:ALA:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:46:ALA:HB1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:46:ALA:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:46:ALA:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:46:ALA:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:46:ALA:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:47:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:47:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:47:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:47:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:47:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:47:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:47:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:48:LYS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:48:LYS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:48:LYS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:48:LYS:CD	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HG2	1:A:48:LYS:CE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:48:LYS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:48:LYS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:48:LYS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:48:LYS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:48:LYS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:48:LYS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:48:LYS:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:48:LYS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:48:LYS:HE3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:48:LYS:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:48:LYS:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:48:LYS:HZ1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:48:LYS:HZ2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:48:LYS:HZ3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:48:LYS:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:48:LYS:NZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:48:LYS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:49:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:49:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:49:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:49:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:49:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:49:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:49:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:49:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:49:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:49:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:49:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:49:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:49:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:49:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:49:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:49:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:49:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:51:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:51:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:51:GLU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:51:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:51:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:51:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:51:GLU:HA	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HG2	1:A:51:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:51:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:51:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:51:GLU:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:51:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:51:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:51:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:51:GLU:OE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:52:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:52:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:52:ASP:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:52:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:52:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:52:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:52:ASP:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:52:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:52:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:52:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:52:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:52:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:64:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:64:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:64:GLU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:64:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:64:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:64:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:64:GLU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:64:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:64:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:64:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:64:GLU:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:64:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:64:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:64:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:64:GLU:OE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:68:HIS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:68:HIS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:68:HIS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:68:HIS:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:68:HIS:CE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:68:HIS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:68:HIS:H	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HG2	1:A:68:HIS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:68:HIS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:68:HIS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:68:HIS:HD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:68:HIS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:68:HIS:HE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:68:HIS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:68:HIS:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:68:HIS:ND1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:68:HIS:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:68:HIS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:71:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:71:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:71:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:71:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:71:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:71:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:71:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:71:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:71:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:71:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:71:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:71:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:71:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:71:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:71:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:71:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:71:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:71:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:71:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:72:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:72:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:72:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:72:ARG:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:72:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:72:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:72:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:72:ARG:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:72:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:72:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:72:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:72:ARG:HD3	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HG2	1:A:72:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:72:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:72:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:72:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:72:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:72:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:72:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:72:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:72:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:72:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:72:ARG:NH2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:72:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:73:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:73:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:73:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:73:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:73:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:73:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:73:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:73:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:73:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:73:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:73:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:73:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:73:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:73:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:73:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:73:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:73:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:73:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:73:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:74:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:74:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:74:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:74:ARG:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:74:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:74:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:74:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:74:ARG:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:74:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:74:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:74:ARG:HD2	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HG2	1:A:74:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:74:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:74:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:74:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:74:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:74:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:74:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:74:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:74:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:74:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:74:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:74:ARG:NH2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:74:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:75:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:75:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:75:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:75:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:75:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:75:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:75:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:76:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:76:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:76:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:76:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:76:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:76:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG2	1:A:76:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:2:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:2:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:2:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:2:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:2:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:2:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:2:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:2:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:2:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:2:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:2:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:2:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:2:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:2:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:2:GLN:NE2	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HG3	1:A:2:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:2:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:9:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:9:THR:CA	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HG3	1:A:9:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:9:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:9:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:9:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:9:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:9:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:9:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:9:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:9:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:9:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:9:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:9:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:10:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:10:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:10:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:10:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:10:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:10:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:10:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:12:3X9:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:12:3X9:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:12:3X9:CAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:12:3X9:CAB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:12:3X9:CAC	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:12:3X9:CAD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:12:3X9:CAI	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:12:3X9:CAJ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:12:3X9:CAO	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:12:3X9:CAR	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:12:3X9:CAS	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:12:3X9:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:12:3X9:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:12:3X9:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:12:3X9:HAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:12:3X9:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:12:3X9:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:12:3X9:NAQ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:12:3X9:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:12:3X9:OAH	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:12:3X9:SAL	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:12:3X9:SG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:14:THR:C	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HG3	1:A:14:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:14:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:14:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:14:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:14:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:14:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:14:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:14:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:14:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:14:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:14:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:14:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:14:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:39:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:39:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:39:ASP:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:39:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:39:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:39:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:39:ASP:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:39:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:39:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:39:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:39:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:39:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:44:ILE:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:44:ILE:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:44:ILE:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:44:ILE:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:44:ILE:CG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:44:ILE:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:44:ILE:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:44:ILE:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:44:ILE:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:44:ILE:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:44:ILE:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:44:ILE:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:44:ILE:HG12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:44:ILE:HG13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:44:ILE:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:44:ILE:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:44:ILE:HG23	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HG3	1:A:44:ILE:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:44:ILE:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:46:ALA:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:46:ALA:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:46:ALA:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:46:ALA:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:46:ALA:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:46:ALA:HB1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:46:ALA:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:46:ALA:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:46:ALA:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:46:ALA:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:47:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:47:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:47:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:47:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:47:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:47:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:47:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:48:LYS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:48:LYS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:48:LYS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:48:LYS:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:48:LYS:CE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:48:LYS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:48:LYS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:48:LYS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:48:LYS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:48:LYS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:48:LYS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:48:LYS:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:48:LYS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:48:LYS:HE3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:48:LYS:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:48:LYS:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:48:LYS:HZ1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:48:LYS:HZ2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:48:LYS:HZ3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:48:LYS:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:48:LYS:NZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:48:LYS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:49:GLN:C	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HG3	1:A:49:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:49:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:49:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:49:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:49:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:49:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:49:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:49:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:49:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:49:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:49:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:49:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:49:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:49:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:49:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:49:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:51:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:51:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:51:GLU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:51:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:51:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:51:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:51:GLU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:51:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:51:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:51:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:51:GLU:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:51:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:51:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:51:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:51:GLU:OE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:52:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:52:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:52:ASP:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:52:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:52:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:52:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:52:ASP:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:52:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:52:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:52:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:52:ASP:OD1	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HG3	1:A:52:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:64:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:64:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:64:GLU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:64:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:64:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:64:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:64:GLU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:64:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:64:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:64:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:64:GLU:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:64:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:64:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:64:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:64:GLU:OE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:68:HIS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:68:HIS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:68:HIS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:68:HIS:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:68:HIS:CE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:68:HIS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:68:HIS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:68:HIS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:68:HIS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:68:HIS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:68:HIS:HD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:68:HIS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:68:HIS:HE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:68:HIS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:68:HIS:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:68:HIS:ND1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:68:HIS:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:68:HIS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:71:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:71:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:71:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:71:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:71:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:71:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:71:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:71:LEU:HA	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HG3	1:A:71:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:71:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:71:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:71:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:71:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:71:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:71:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:71:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:71:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:71:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:71:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:72:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:72:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:72:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:72:ARG:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:72:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:72:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:72:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:72:ARG:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:72:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:72:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:72:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:72:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:72:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:72:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:72:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:72:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:72:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:72:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:72:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:72:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:72:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:72:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:72:ARG:NH2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:72:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:73:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:73:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:73:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:73:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:73:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:73:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:73:LEU:H	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HG3	1:A:73:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:73:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:73:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:73:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:73:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:73:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:73:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:73:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:73:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:73:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:73:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:73:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:74:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:74:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:74:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:74:ARG:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:74:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:74:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:74:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:74:ARG:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:74:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:74:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:74:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:74:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:74:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:74:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:74:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:74:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:74:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:74:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:74:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:74:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:74:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:74:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:74:ARG:NH2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:74:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:75:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:75:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:75:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:75:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:75:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:75:GLY:N	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:HG3	1:A:75:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:76:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:76:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:76:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:76:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:76:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:76:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:HG3	1:A:76:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:2:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:2:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:2:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:2:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:2:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:2:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:2:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:2:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:2:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:2:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:2:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:2:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:2:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:2:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:2:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:2:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:2:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:HB2	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:N	1:A:8:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:9:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:9:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:9:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:9:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:9:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:9:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:9:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:9:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:9:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:9:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:9:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:9:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:9:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:9:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:10:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:10:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:10:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:10:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:10:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:10:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:10:GLY:O	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:N	1:A:12:3X9:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:12:3X9:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:12:3X9:CAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:12:3X9:CAB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:12:3X9:CAC	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:12:3X9:CAD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:12:3X9:CAI	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:12:3X9:CAJ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:12:3X9:CAO	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:12:3X9:CAR	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:12:3X9:CAS	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:12:3X9:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:12:3X9:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:12:3X9:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:12:3X9:HAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:12:3X9:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:12:3X9:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:12:3X9:NAQ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:12:3X9:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:12:3X9:OAH	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:12:3X9:SAL	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:12:3X9:SG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:14:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:14:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:14:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:14:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:14:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:14:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:14:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:14:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:14:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:14:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:14:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:14:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:14:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:14:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:39:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:39:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:39:ASP:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:39:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:39:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:39:ASP:HA	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:N	1:A:39:ASP:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:39:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:39:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:39:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:39:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:39:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:44:ILE:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:44:ILE:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:44:ILE:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:44:ILE:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:44:ILE:CG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:44:ILE:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:44:ILE:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:44:ILE:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:44:ILE:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:44:ILE:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:44:ILE:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:44:ILE:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:44:ILE:HG12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:44:ILE:HG13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:44:ILE:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:44:ILE:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:44:ILE:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:44:ILE:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:44:ILE:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:46:ALA:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:46:ALA:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:46:ALA:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:46:ALA:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:46:ALA:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:46:ALA:HB1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:46:ALA:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:46:ALA:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:46:ALA:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:46:ALA:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:47:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:47:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:47:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:47:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:47:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:47:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:47:GLY:O	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:N	1:A:48:LYS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:48:LYS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:48:LYS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:48:LYS:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:48:LYS:CE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:48:LYS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:48:LYS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:48:LYS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:48:LYS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:48:LYS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:48:LYS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:48:LYS:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:48:LYS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:48:LYS:HE3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:48:LYS:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:48:LYS:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:48:LYS:HZ1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:48:LYS:HZ2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:48:LYS:HZ3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:48:LYS:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:48:LYS:NZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:48:LYS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:49:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:49:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:49:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:49:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:49:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:49:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:49:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:49:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:49:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:49:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:49:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:49:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:49:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:49:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:49:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:49:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:49:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:51:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:51:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:51:GLU:CB	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:N	1:A:51:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:51:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:51:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:51:GLU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:51:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:51:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:51:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:51:GLU:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:51:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:51:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:51:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:51:GLU:OE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:52:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:52:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:52:ASP:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:52:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:52:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:52:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:52:ASP:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:52:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:52:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:52:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:52:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:52:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:64:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:64:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:64:GLU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:64:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:64:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:64:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:64:GLU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:64:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:64:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:64:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:64:GLU:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:64:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:64:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:64:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:64:GLU:OE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:68:HIS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:68:HIS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:68:HIS:CB	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:N	1:A:68:HIS:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:68:HIS:CE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:68:HIS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:68:HIS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:68:HIS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:68:HIS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:68:HIS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:68:HIS:HD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:68:HIS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:68:HIS:HE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:68:HIS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:68:HIS:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:68:HIS:ND1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:68:HIS:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:68:HIS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:71:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:71:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:71:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:71:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:71:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:71:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:71:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:71:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:71:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:71:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:71:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:71:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:71:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:71:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:71:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:71:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:71:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:71:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:71:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:72:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:72:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:72:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:72:ARG:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:72:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:72:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:72:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:72:ARG:HA	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:N	1:A:72:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:72:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:72:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:72:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:72:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:72:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:72:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:72:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:72:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:72:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:72:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:72:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:72:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:72:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:72:ARG:NH2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:72:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:73:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:73:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:73:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:73:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:73:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:73:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:73:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:73:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:73:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:73:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:73:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:73:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:73:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:73:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:73:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:73:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:73:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:73:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:73:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:74:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:74:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:74:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:74:ARG:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:74:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:74:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:74:ARG:H	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:N	1:A:74:ARG:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:74:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:74:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:74:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:74:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:74:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:74:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:74:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:74:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:74:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:74:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:74:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:74:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:74:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:74:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:74:ARG:NH2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:74:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:75:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:75:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:75:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:75:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:75:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:75:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:75:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:76:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:76:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:76:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:76:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:76:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:76:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:N	1:A:76:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:2:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:2:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:2:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:2:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:2:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:2:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:2:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:2:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:2:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:2:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:2:GLN:HE22	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:O	1:A:2:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:2:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:2:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:2:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:2:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:2:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:N	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:O	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:9:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:9:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:9:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:9:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:9:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:9:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:9:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:9:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:9:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:9:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:9:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:9:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:9:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:9:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:10:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:10:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:10:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:10:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:10:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:10:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:10:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:12:3X9:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:12:3X9:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:12:3X9:CAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:12:3X9:CAB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:12:3X9:CAC	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:12:3X9:CAD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:12:3X9:CAI	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:12:3X9:CAJ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:12:3X9:CAO	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:12:3X9:CAR	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:12:3X9:CAS	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:12:3X9:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:12:3X9:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:12:3X9:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:12:3X9:HAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:12:3X9:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:12:3X9:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:12:3X9:NAQ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:12:3X9:O	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:O	1:A:12:3X9:OAH	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:12:3X9:SAL	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:12:3X9:SG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:14:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:14:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:14:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:14:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:14:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:14:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:14:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:14:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:14:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:14:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:14:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:14:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:14:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:14:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:39:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:39:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:39:ASP:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:39:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:39:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:39:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:39:ASP:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:39:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:39:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:39:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:39:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:39:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:44:ILE:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:44:ILE:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:44:ILE:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:44:ILE:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:44:ILE:CG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:44:ILE:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:44:ILE:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:44:ILE:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:44:ILE:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:44:ILE:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:44:ILE:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:44:ILE:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:44:ILE:HG12	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:O	1:A:44:ILE:HG13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:44:ILE:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:44:ILE:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:44:ILE:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:44:ILE:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:44:ILE:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:46:ALA:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:46:ALA:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:46:ALA:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:46:ALA:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:46:ALA:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:46:ALA:HB1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:46:ALA:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:46:ALA:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:46:ALA:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:46:ALA:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:47:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:47:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:47:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:47:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:47:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:47:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:47:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:48:LYS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:48:LYS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:48:LYS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:48:LYS:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:48:LYS:CE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:48:LYS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:48:LYS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:48:LYS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:48:LYS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:48:LYS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:48:LYS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:48:LYS:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:48:LYS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:48:LYS:HE3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:48:LYS:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:48:LYS:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:48:LYS:HZ1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:48:LYS:HZ2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:48:LYS:HZ3	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:O	1:A:48:LYS:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:48:LYS:NZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:48:LYS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:49:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:49:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:49:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:49:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:49:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:49:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:49:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:49:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:49:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:49:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:49:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:49:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:49:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:49:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:49:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:49:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:49:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:51:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:51:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:51:GLU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:51:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:51:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:51:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:51:GLU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:51:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:51:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:51:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:51:GLU:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:51:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:51:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:51:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:51:GLU:OE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:52:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:52:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:52:ASP:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:52:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:52:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:52:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:52:ASP:HB2	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:O	1:A:52:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:52:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:52:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:52:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:52:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:64:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:64:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:64:GLU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:64:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:64:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:64:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:64:GLU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:64:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:64:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:64:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:64:GLU:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:64:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:64:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:64:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:64:GLU:OE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:68:HIS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:68:HIS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:68:HIS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:68:HIS:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:68:HIS:CE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:68:HIS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:68:HIS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:68:HIS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:68:HIS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:68:HIS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:68:HIS:HD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:68:HIS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:68:HIS:HE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:68:HIS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:68:HIS:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:68:HIS:ND1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:68:HIS:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:68:HIS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:71:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:71:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:71:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:71:LEU:CD1	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:O	1:A:71:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:71:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:71:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:71:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:71:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:71:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:71:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:71:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:71:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:71:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:71:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:71:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:71:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:71:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:71:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:72:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:72:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:72:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:72:ARG:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:72:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:72:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:72:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:72:ARG:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:72:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:72:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:72:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:72:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:72:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:72:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:72:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:72:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:72:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:72:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:72:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:72:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:72:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:72:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:72:ARG:NH2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:72:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:73:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:73:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:73:LEU:CB	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:O	1:A:73:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:73:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:73:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:73:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:73:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:73:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:73:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:73:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:73:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:73:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:73:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:73:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:73:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:73:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:73:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:73:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:74:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:74:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:74:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:74:ARG:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:74:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:74:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:74:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:74:ARG:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:74:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:74:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:74:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:74:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:74:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:74:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:74:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:74:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:74:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:74:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:74:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:74:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:74:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:74:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:74:ARG:NH2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:74:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:75:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:75:GLY:CA	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:O	1:A:75:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:75:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:75:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:75:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:75:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:76:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:76:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:76:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:76:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:76:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:76:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:O	1:A:76:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:2:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:2:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:2:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:2:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:2:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:2:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:2:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:2:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:2:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:2:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:2:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:2:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:2:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:2:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:2:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:2:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:2:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:H	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:9:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:9:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:9:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:9:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:9:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:9:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:9:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:9:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:9:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:9:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:9:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:9:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:9:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:9:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:10:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:10:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:10:GLY:H	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:OE1	1:A:10:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:10:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:10:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:10:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:12:3X9:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:12:3X9:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:12:3X9:CAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:12:3X9:CAB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:12:3X9:CAC	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:12:3X9:CAD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:12:3X9:CAI	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:12:3X9:CAJ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:12:3X9:CAO	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:12:3X9:CAR	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:12:3X9:CAS	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:12:3X9:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:12:3X9:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:12:3X9:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:12:3X9:HAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:12:3X9:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:12:3X9:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:12:3X9:NAQ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:12:3X9:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:12:3X9:OAH	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:12:3X9:SAL	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:12:3X9:SG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:14:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:14:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:14:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:14:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:14:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:14:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:14:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:14:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:14:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:14:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:14:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:14:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:14:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:14:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:39:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:39:ASP:CA	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:OE1	1:A:39:ASP:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:39:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:39:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:39:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:39:ASP:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:39:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:39:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:39:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:39:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:39:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:44:ILE:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:44:ILE:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:44:ILE:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:44:ILE:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:44:ILE:CG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:44:ILE:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:44:ILE:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:44:ILE:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:44:ILE:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:44:ILE:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:44:ILE:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:44:ILE:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:44:ILE:HG12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:44:ILE:HG13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:44:ILE:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:44:ILE:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:44:ILE:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:44:ILE:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:44:ILE:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:46:ALA:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:46:ALA:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:46:ALA:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:46:ALA:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:46:ALA:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:46:ALA:HB1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:46:ALA:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:46:ALA:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:46:ALA:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:46:ALA:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:47:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:47:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:47:GLY:H	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:OE1	1:A:47:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:47:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:47:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:47:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:48:LYS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:48:LYS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:48:LYS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:48:LYS:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:48:LYS:CE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:48:LYS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:48:LYS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:48:LYS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:48:LYS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:48:LYS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:48:LYS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:48:LYS:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:48:LYS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:48:LYS:HE3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:48:LYS:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:48:LYS:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:48:LYS:HZ1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:48:LYS:HZ2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:48:LYS:HZ3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:48:LYS:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:48:LYS:NZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:48:LYS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:49:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:49:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:49:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:49:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:49:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:49:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:49:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:49:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:49:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:49:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:49:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:49:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:49:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:49:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:49:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:49:GLN:O	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:OE1	1:A:49:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:51:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:51:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:51:GLU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:51:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:51:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:51:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:51:GLU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:51:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:51:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:51:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:51:GLU:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:51:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:51:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:51:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:51:GLU:OE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:52:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:52:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:52:ASP:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:52:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:52:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:52:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:52:ASP:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:52:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:52:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:52:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:52:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:52:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:64:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:64:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:64:GLU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:64:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:64:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:64:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:64:GLU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:64:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:64:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:64:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:64:GLU:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:64:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:64:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:64:GLU:OE1	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:OE1	1:A:64:GLU:OE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:68:HIS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:68:HIS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:68:HIS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:68:HIS:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:68:HIS:CE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:68:HIS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:68:HIS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:68:HIS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:68:HIS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:68:HIS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:68:HIS:HD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:68:HIS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:68:HIS:HE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:68:HIS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:68:HIS:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:68:HIS:ND1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:68:HIS:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:68:HIS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:71:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:71:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:71:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:71:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:71:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:71:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:71:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:71:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:71:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:71:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:71:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:71:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:71:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:71:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:71:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:71:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:71:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:71:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:71:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:72:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:72:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:72:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:72:ARG:CD	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:OE1	1:A:72:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:72:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:72:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:72:ARG:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:72:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:72:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:72:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:72:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:72:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:72:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:72:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:72:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:72:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:72:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:72:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:72:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:72:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:72:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:72:ARG:NH2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:72:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:73:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:73:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:73:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:73:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:73:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:73:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:73:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:73:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:73:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:73:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:73:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:73:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:73:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:73:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:73:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:73:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:73:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:73:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:73:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:74:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:74:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:74:ARG:CB	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:OE1	1:A:74:ARG:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:74:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:74:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:74:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:74:ARG:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:74:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:74:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:74:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:74:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:74:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:74:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:74:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:74:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:74:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:74:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:74:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:74:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:74:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:74:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:74:ARG:NH2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:74:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:75:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:75:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:75:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:75:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:75:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:75:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:75:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:76:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:76:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:76:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:76:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:76:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:76:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE1	1:A:76:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:2:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:2:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:2:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:2:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:2:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:2:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:2:GLN:HA	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:OE2	1:A:2:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:2:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:2:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:2:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:2:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:2:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:2:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:2:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:2:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:2:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:HD23	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:8:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:9:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:9:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:9:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:9:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:9:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:9:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:9:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:9:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:9:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:9:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:9:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:9:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:9:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:9:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:10:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:10:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:10:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:10:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:10:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:10:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:10:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:12:3X9:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:12:3X9:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:12:3X9:CAA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:12:3X9:CAB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:12:3X9:CAC	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:12:3X9:CAD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:12:3X9:CAI	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:12:3X9:CAJ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:12:3X9:CAO	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:12:3X9:CAR	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:12:3X9:CAS	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:12:3X9:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:12:3X9:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:12:3X9:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:12:3X9:HAA	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:OE2	1:A:12:3X9:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:12:3X9:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:12:3X9:NAQ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:12:3X9:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:12:3X9:OAH	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:12:3X9:SAL	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:12:3X9:SG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:14:THR:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:14:THR:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:14:THR:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:14:THR:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:14:THR:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:14:THR:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:14:THR:HB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:14:THR:HG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:14:THR:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:14:THR:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:14:THR:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:14:THR:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:14:THR:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:14:THR:OG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:39:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:39:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:39:ASP:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:39:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:39:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:39:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:39:ASP:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:39:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:39:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:39:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:39:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:39:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:44:ILE:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:44:ILE:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:44:ILE:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:44:ILE:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:44:ILE:CG1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:44:ILE:CG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:44:ILE:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:44:ILE:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:44:ILE:HB	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:OE2	1:A:44:ILE:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:44:ILE:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:44:ILE:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:44:ILE:HG12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:44:ILE:HG13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:44:ILE:HG21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:44:ILE:HG22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:44:ILE:HG23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:44:ILE:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:44:ILE:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:46:ALA:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:46:ALA:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:46:ALA:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:46:ALA:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:46:ALA:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:46:ALA:HB1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:46:ALA:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:46:ALA:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:46:ALA:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:46:ALA:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:47:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:47:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:47:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:47:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:47:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:47:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:47:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:48:LYS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:48:LYS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:48:LYS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:48:LYS:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:48:LYS:CE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:48:LYS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:48:LYS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:48:LYS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:48:LYS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:48:LYS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:48:LYS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:48:LYS:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:48:LYS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:48:LYS:HE3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:48:LYS:HG2	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:OE2	1:A:48:LYS:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:48:LYS:HZ1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:48:LYS:HZ2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:48:LYS:HZ3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:48:LYS:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:48:LYS:NZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:48:LYS:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:49:GLN:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:49:GLN:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:49:GLN:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:49:GLN:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:49:GLN:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:49:GLN:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:49:GLN:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:49:GLN:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:49:GLN:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:49:GLN:HE21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:49:GLN:HE22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:49:GLN:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:49:GLN:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:49:GLN:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:49:GLN:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:49:GLN:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:49:GLN:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:51:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:51:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:51:GLU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:51:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:51:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:51:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:51:GLU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:51:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:51:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:51:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:51:GLU:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:51:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:51:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:51:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:51:GLU:OE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:52:ASP:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:52:ASP:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:52:ASP:CB	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:OE2	1:A:52:ASP:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:52:ASP:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:52:ASP:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:52:ASP:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:52:ASP:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:52:ASP:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:52:ASP:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:52:ASP:OD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:52:ASP:OD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:64:GLU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:64:GLU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:64:GLU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:64:GLU:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:64:GLU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:64:GLU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:64:GLU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:64:GLU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:64:GLU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:64:GLU:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:64:GLU:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:64:GLU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:64:GLU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:64:GLU:OE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:64:GLU:OE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:68:HIS:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:68:HIS:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:68:HIS:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:68:HIS:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:68:HIS:CE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:68:HIS:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:68:HIS:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:68:HIS:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:68:HIS:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:68:HIS:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:68:HIS:HD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:68:HIS:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:68:HIS:HE1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:68:HIS:HE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:68:HIS:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:68:HIS:ND1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:68:HIS:NE2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:68:HIS:O	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:OE2	1:A:71:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:71:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:71:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:71:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:71:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:71:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:71:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:71:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:71:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:71:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:71:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:71:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:71:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:71:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:71:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:71:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:71:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:71:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:71:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:72:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:72:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:72:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:72:ARG:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:72:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:72:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:72:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:72:ARG:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:72:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:72:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:72:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:72:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:72:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:72:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:72:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:72:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:72:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:72:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:72:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:72:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:72:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:72:ARG:NH1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:72:ARG:NH2	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:OE2	1:A:72:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:73:LEU:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:73:LEU:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:73:LEU:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:73:LEU:CD1	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:73:LEU:CD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:73:LEU:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:73:LEU:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:73:LEU:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:73:LEU:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:73:LEU:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:73:LEU:HD11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:73:LEU:HD12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:73:LEU:HD13	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:73:LEU:HD21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:73:LEU:HD22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:73:LEU:HD23	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:73:LEU:HG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:73:LEU:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:73:LEU:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:74:ARG:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:74:ARG:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:74:ARG:CB	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:74:ARG:CD	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:74:ARG:CG	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:74:ARG:CZ	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:74:ARG:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:74:ARG:HA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:74:ARG:HB2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:74:ARG:HB3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:74:ARG:HD2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:74:ARG:HD3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:74:ARG:HE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:74:ARG:HG2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:74:ARG:HG3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:74:ARG:HH11	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:74:ARG:HH12	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:74:ARG:HH21	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:74:ARG:HH22	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:74:ARG:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:74:ARG:NE	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:74:ARG:NH1	8	0.8	0.31	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	2:B:12:GLU:OE2	1:A:74:ARG:NH2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:74:ARG:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:75:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:75:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:75:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:75:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:75:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:75:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:75:GLY:O	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:76:GLY:C	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:76:GLY:CA	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:76:GLY:H	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:76:GLY:HA2	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:76:GLY:HA3	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:76:GLY:N	8	0.8	0.31	0.92
(1,13)	2:B:12:GLU:OE2	1:A:76:GLY:O	8	0.8	0.31	0.92
(1,9)	1:A:71:LEU:C	2:B:6:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:6:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:6:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:6:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:6:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:6:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:6:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:6:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:6:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:6:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:6:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:9:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:9:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:9:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:9:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:9:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:9:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:9:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:9:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:9:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:9:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:9:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:9:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:9:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:9:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:9:LEU:HD22	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:C	2:B:9:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:9:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:9:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:9:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:10:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:10:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:10:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:10:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:10:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:10:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:10:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:10:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:10:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:10:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:10:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:10:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:10:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:10:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:11:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:11:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:11:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:11:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:11:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:11:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:11:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:12:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:12:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:12:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:12:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:12:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:12:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:12:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:12:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:12:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:12:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:12:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:12:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:12:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:12:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:12:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:15:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:15:GLY:CA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:C	2:B:15:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:15:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:15:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:15:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:15:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:16:PRO:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:16:PRO:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:16:PRO:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:16:PRO:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:16:PRO:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:16:PRO:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:16:PRO:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:16:PRO:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:16:PRO:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:16:PRO:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:16:PRO:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:16:PRO:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:16:PRO:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:16:PRO:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:17:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:17:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:17:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:17:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:17:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:17:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:17:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:17:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:17:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:17:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:17:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:17:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:17:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:17:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:17:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:17:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:17:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:17:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:17:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:21:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:21:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:21:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:21:GLU:CD	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:C	2:B:21:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:21:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:21:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:21:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:21:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:21:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:21:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:21:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:21:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:21:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:21:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:44:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:44:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:44:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:44:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:44:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:44:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:44:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:44:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:44:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:44:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:44:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:44:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:46:TYR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:46:TYR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:46:TYR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:46:TYR:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:46:TYR:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:46:TYR:CE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:46:TYR:CE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:46:TYR:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:46:TYR:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:46:TYR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:46:TYR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:46:TYR:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:46:TYR:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:46:TYR:HD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:46:TYR:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:46:TYR:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:46:TYR:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:46:TYR:HH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:46:TYR:N	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:C	2:B:46:TYR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:46:TYR:OH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:48:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:48:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:48:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:48:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:48:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:48:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:48:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:48:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:48:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:48:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:48:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:48:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:48:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:48:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:49:MET:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:49:MET:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:49:MET:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:49:MET:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:49:MET:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:49:MET:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:49:MET:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:49:MET:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:49:MET:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:49:MET:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:49:MET:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:49:MET:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:49:MET:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:49:MET:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:49:MET:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:49:MET:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:49:MET:SD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:50:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:50:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:50:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:50:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:50:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:50:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:50:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:50:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:50:ASP:N	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:C	2:B:50:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:50:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:50:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:51:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:51:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:51:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:51:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:51:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:51:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:51:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:51:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:51:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:51:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:51:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:51:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:51:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:51:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:51:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:51:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:51:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:51:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:51:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:53:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:53:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:53:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:53:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:53:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:53:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:53:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:53:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:53:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:53:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:53:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:53:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:54:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:54:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:54:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:54:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:54:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:54:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:54:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:54:SER:HG	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:C	2:B:54:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:54:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:54:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:55:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:55:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:55:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:55:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:55:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:55:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:55:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:55:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:55:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:55:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:55:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:55:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:55:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:55:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:56:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:56:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:56:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:56:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:56:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:56:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:56:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:56:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:56:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:56:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:56:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:56:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:56:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:56:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:56:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:56:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:56:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:56:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:56:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:56:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:56:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:56:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:56:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:56:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:58:GLN:C	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:C	2:B:58:GLN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:58:GLN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:58:GLN:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:58:GLN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:58:GLN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:58:GLN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:58:GLN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:58:GLN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:58:GLN:HE21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:58:GLN:HE22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:58:GLN:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:58:GLN:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:58:GLN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:58:GLN:NE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:58:GLN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:58:GLN:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:64:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:64:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:64:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:64:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:64:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:64:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:64:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:66:LYS:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:66:LYS:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:66:LYS:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:66:LYS:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:66:LYS:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:66:LYS:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:66:LYS:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:66:LYS:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:66:LYS:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:66:LYS:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:66:LYS:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:66:LYS:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:66:LYS:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:66:LYS:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:66:LYS:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:66:LYS:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:66:LYS:HZ1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:66:LYS:HZ2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:66:LYS:HZ3	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:C	2:B:66:LYS:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:66:LYS:NZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:66:LYS:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:67:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:67:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:67:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:67:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:67:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:67:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:67:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:67:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:67:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:67:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:67:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:67:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:67:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:67:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:68:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:68:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:68:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:68:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:68:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:68:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:68:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:68:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:68:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:68:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:68:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:68:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:70:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:70:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:70:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:70:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:70:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:70:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:70:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:70:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:70:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:70:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:70:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:70:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:70:LEU:HD13	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:C	2:B:70:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:70:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:70:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:70:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:70:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:70:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:72:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:72:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:72:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:72:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:72:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:72:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:72:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:72:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:72:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:72:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:72:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:72:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:72:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:72:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:72:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:72:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:72:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:72:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:72:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:74:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:74:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:74:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:74:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:74:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:74:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:74:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:74:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:74:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:74:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:74:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:74:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:74:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:74:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:74:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:74:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:74:ARG:HH12	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:C	2:B:74:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:74:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:74:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:74:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:74:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:74:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:C	2:B:74:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:6:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:6:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:6:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:6:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:6:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:6:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:6:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:6:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:6:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:6:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:6:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:9:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:9:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:9:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:9:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:9:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:9:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:9:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:9:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:9:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:9:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:9:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:9:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:9:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:9:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:9:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:9:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:9:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:9:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:9:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:10:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:10:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:10:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:10:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:10:THR:H	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CA	2:B:10:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:10:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:10:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:10:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:10:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:10:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:10:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:10:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:10:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:11:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:11:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:11:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:11:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:11:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:11:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:11:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:12:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:12:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:12:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:12:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:12:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:12:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:12:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:12:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:12:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:12:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:12:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:12:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:12:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:12:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:12:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:15:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:15:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:15:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:15:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:15:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:15:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:15:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:16:PRO:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:16:PRO:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:16:PRO:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:16:PRO:CD	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CA	2:B:16:PRO:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:16:PRO:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:16:PRO:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:16:PRO:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:16:PRO:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:16:PRO:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:16:PRO:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:16:PRO:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:16:PRO:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:16:PRO:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:17:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:17:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:17:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:17:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:17:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:17:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:17:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:17:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:17:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:17:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:17:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:17:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:17:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:17:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:17:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:17:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:17:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:17:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:17:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:21:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:21:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:21:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:21:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:21:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:21:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:21:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:21:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:21:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:21:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:21:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:21:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:21:GLU:O	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CA	2:B:21:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:21:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:44:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:44:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:44:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:44:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:44:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:44:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:44:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:44:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:44:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:44:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:44:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:44:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:46:TYR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:46:TYR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:46:TYR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:46:TYR:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:46:TYR:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:46:TYR:CE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:46:TYR:CE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:46:TYR:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:46:TYR:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:46:TYR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:46:TYR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:46:TYR:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:46:TYR:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:46:TYR:HD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:46:TYR:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:46:TYR:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:46:TYR:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:46:TYR:HH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:46:TYR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:46:TYR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:46:TYR:OH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:48:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:48:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:48:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:48:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:48:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:48:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:48:ASN:HB2	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CA	2:B:48:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:48:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:48:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:48:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:48:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:48:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:48:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:49:MET:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:49:MET:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:49:MET:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:49:MET:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:49:MET:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:49:MET:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:49:MET:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:49:MET:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:49:MET:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:49:MET:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:49:MET:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:49:MET:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:49:MET:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:49:MET:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:49:MET:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:49:MET:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:49:MET:SD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:50:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:50:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:50:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:50:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:50:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:50:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:50:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:50:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:50:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:50:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:50:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:50:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:51:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:51:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:51:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:51:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:51:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:51:ILE:CG2	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CA	2:B:51:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:51:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:51:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:51:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:51:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:51:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:51:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:51:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:51:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:51:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:51:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:51:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:51:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:53:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:53:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:53:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:53:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:53:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:53:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:53:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:53:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:53:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:53:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:53:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:53:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:54:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:54:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:54:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:54:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:54:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:54:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:54:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:54:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:54:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:54:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:54:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:55:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:55:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:55:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:55:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:55:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:55:ASN:HA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CA	2:B:55:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:55:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:55:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:55:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:55:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:55:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:55:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:55:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:56:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:56:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:56:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:56:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:56:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:56:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:56:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:56:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:56:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:56:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:56:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:56:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:56:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:56:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:56:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:56:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:56:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:56:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:56:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:56:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:56:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:56:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:56:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:56:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:58:GLN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:58:GLN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:58:GLN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:58:GLN:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:58:GLN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:58:GLN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:58:GLN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:58:GLN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:58:GLN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:58:GLN:HE21	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CA	2:B:58:GLN:HE22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:58:GLN:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:58:GLN:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:58:GLN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:58:GLN:NE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:58:GLN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:58:GLN:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:64:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:64:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:64:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:64:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:64:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:64:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:64:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:66:LYS:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:66:LYS:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:66:LYS:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:66:LYS:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:66:LYS:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:66:LYS:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:66:LYS:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:66:LYS:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:66:LYS:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:66:LYS:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:66:LYS:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:66:LYS:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:66:LYS:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:66:LYS:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:66:LYS:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:66:LYS:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:66:LYS:HZ1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:66:LYS:HZ2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:66:LYS:HZ3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:66:LYS:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:66:LYS:NZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:66:LYS:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:67:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:67:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:67:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:67:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:67:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:67:THR:HA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CA	2:B:67:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:67:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:67:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:67:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:67:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:67:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:67:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:67:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:68:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:68:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:68:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:68:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:68:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:68:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:68:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:68:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:68:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:68:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:68:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:68:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:70:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:70:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:70:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:70:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:70:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:70:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:70:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:70:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:70:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:70:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:70:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:70:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:70:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:70:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:70:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:70:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:70:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:70:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:70:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:72:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:72:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:72:LEU:CB	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CA	2:B:72:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:72:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:72:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:72:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:72:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:72:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:72:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:72:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:72:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:72:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:72:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:72:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:72:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:72:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:72:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:72:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:74:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:74:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:74:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:74:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:74:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:74:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:74:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:74:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:74:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:74:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:74:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:74:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:74:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:74:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:74:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:74:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:74:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:74:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:74:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:74:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:74:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:74:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:74:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CA	2:B:74:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:6:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:6:SER:CA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CB	2:B:6:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:6:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:6:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:6:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:6:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:6:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:6:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:6:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:6:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:9:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:9:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:9:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:9:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:9:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:9:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:9:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:9:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:9:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:9:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:9:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:9:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:9:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:9:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:9:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:9:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:9:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:9:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:9:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:10:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:10:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:10:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:10:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:10:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:10:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:10:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:10:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:10:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:10:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:10:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:10:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:10:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:10:THR:OG1	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CB	2:B:11:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:11:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:11:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:11:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:11:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:11:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:11:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:12:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:12:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:12:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:12:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:12:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:12:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:12:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:12:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:12:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:12:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:12:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:12:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:12:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:12:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:12:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:15:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:15:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:15:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:15:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:15:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:15:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:15:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:16:PRO:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:16:PRO:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:16:PRO:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:16:PRO:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:16:PRO:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:16:PRO:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:16:PRO:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:16:PRO:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:16:PRO:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:16:PRO:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:16:PRO:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:16:PRO:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:16:PRO:N	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CB	2:B:16:PRO:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:17:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:17:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:17:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:17:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:17:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:17:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:17:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:17:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:17:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:17:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:17:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:17:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:17:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:17:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:17:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:17:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:17:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:17:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:17:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:21:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:21:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:21:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:21:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:21:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:21:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:21:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:21:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:21:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:21:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:21:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:21:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:21:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:21:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:21:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:44:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:44:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:44:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:44:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:44:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:44:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:44:ASP:HB2	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CB	2:B:44:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:44:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:44:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:44:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:44:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:46:TYR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:46:TYR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:46:TYR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:46:TYR:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:46:TYR:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:46:TYR:CE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:46:TYR:CE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:46:TYR:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:46:TYR:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:46:TYR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:46:TYR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:46:TYR:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:46:TYR:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:46:TYR:HD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:46:TYR:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:46:TYR:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:46:TYR:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:46:TYR:HH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:46:TYR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:46:TYR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:46:TYR:OH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:48:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:48:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:48:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:48:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:48:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:48:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:48:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:48:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:48:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:48:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:48:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:48:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:48:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:48:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:49:MET:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:49:MET:CA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CB	2:B:49:MET:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:49:MET:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:49:MET:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:49:MET:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:49:MET:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:49:MET:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:49:MET:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:49:MET:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:49:MET:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:49:MET:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:49:MET:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:49:MET:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:49:MET:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:49:MET:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:49:MET:SD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:50:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:50:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:50:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:50:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:50:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:50:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:50:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:50:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:50:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:50:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:50:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:50:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:51:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:51:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:51:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:51:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:51:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:51:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:51:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:51:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:51:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:51:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:51:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:51:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:51:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:51:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:51:ILE:HG21	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CB	2:B:51:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:51:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:51:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:51:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:53:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:53:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:53:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:53:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:53:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:53:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:53:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:53:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:53:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:53:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:53:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:53:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:54:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:54:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:54:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:54:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:54:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:54:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:54:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:54:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:54:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:54:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:54:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:55:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:55:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:55:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:55:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:55:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:55:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:55:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:55:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:55:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:55:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:55:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:55:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:55:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:55:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:56:ARG:C	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CB	2:B:56:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:56:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:56:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:56:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:56:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:56:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:56:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:56:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:56:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:56:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:56:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:56:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:56:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:56:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:56:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:56:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:56:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:56:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:56:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:56:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:56:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:56:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:56:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:58:GLN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:58:GLN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:58:GLN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:58:GLN:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:58:GLN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:58:GLN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:58:GLN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:58:GLN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:58:GLN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:58:GLN:HE21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:58:GLN:HE22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:58:GLN:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:58:GLN:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:58:GLN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:58:GLN:NE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:58:GLN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:58:GLN:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:64:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:64:GLY:CA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CB	2:B:64:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:64:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:64:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:64:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:64:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:66:LYS:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:66:LYS:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:66:LYS:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:66:LYS:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:66:LYS:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:66:LYS:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:66:LYS:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:66:LYS:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:66:LYS:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:66:LYS:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:66:LYS:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:66:LYS:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:66:LYS:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:66:LYS:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:66:LYS:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:66:LYS:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:66:LYS:HZ1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:66:LYS:HZ2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:66:LYS:HZ3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:66:LYS:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:66:LYS:NZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:66:LYS:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:67:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:67:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:67:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:67:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:67:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:67:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:67:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:67:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:67:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:67:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:67:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:67:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:67:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:67:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:68:ASP:C	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CB	2:B:68:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:68:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:68:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:68:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:68:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:68:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:68:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:68:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:68:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:68:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:68:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:70:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:70:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:70:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:70:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:70:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:70:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:70:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:70:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:70:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:70:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:70:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:70:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:70:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:70:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:70:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:70:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:70:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:70:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:70:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:72:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:72:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:72:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:72:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:72:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:72:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:72:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:72:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:72:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:72:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:72:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:72:LEU:HD12	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CB	2:B:72:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:72:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:72:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:72:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:72:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:72:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:72:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:74:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:74:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:74:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:74:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:74:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:74:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:74:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:74:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:74:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:74:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:74:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:74:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:74:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:74:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:74:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:74:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:74:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:74:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:74:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:74:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:74:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:74:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:74:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CB	2:B:74:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:6:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:6:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:6:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:6:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:6:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:6:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:6:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:6:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:6:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:6:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:6:SER:OG	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CD1	2:B:9:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:9:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:9:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:9:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:9:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:9:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:9:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:9:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:9:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:9:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:9:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:9:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:9:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:9:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:9:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:9:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:9:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:9:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:9:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:10:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:10:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:10:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:10:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:10:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:10:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:10:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:10:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:10:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:10:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:10:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:10:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:10:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:10:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:11:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:11:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:11:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:11:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:11:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:11:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:11:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:12:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:12:GLU:CA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CD1	2:B:12:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:12:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:12:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:12:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:12:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:12:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:12:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:12:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:12:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:12:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:12:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:12:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:12:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:15:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:15:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:15:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:15:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:15:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:15:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:15:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:16:PRO:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:16:PRO:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:16:PRO:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:16:PRO:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:16:PRO:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:16:PRO:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:16:PRO:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:16:PRO:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:16:PRO:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:16:PRO:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:16:PRO:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:16:PRO:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:16:PRO:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:16:PRO:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:17:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:17:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:17:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:17:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:17:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:17:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:17:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:17:ILE:HA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CD1	2:B:17:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:17:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:17:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:17:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:17:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:17:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:17:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:17:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:17:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:17:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:17:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:21:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:21:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:21:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:21:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:21:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:21:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:21:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:21:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:21:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:21:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:21:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:21:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:21:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:21:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:21:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:44:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:44:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:44:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:44:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:44:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:44:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:44:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:44:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:44:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:44:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:44:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:44:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:46:TYR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:46:TYR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:46:TYR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:46:TYR:CD1	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CD1	2:B:46:TYR:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:46:TYR:CE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:46:TYR:CE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:46:TYR:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:46:TYR:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:46:TYR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:46:TYR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:46:TYR:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:46:TYR:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:46:TYR:HD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:46:TYR:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:46:TYR:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:46:TYR:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:46:TYR:HH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:46:TYR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:46:TYR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:46:TYR:OH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:48:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:48:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:48:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:48:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:48:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:48:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:48:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:48:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:48:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:48:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:48:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:48:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:48:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:48:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:49:MET:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:49:MET:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:49:MET:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:49:MET:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:49:MET:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:49:MET:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:49:MET:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:49:MET:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:49:MET:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:49:MET:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:49:MET:HE2	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CD1	2:B:49:MET:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:49:MET:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:49:MET:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:49:MET:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:49:MET:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:49:MET:SD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:50:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:50:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:50:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:50:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:50:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:50:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:50:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:50:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:50:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:50:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:50:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:50:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:51:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:51:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:51:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:51:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:51:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:51:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:51:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:51:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:51:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:51:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:51:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:51:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:51:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:51:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:51:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:51:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:51:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:51:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:51:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:53:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:53:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:53:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:53:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:53:ASP:H	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CD1	2:B:53:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:53:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:53:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:53:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:53:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:53:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:53:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:54:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:54:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:54:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:54:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:54:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:54:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:54:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:54:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:54:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:54:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:54:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:55:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:55:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:55:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:55:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:55:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:55:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:55:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:55:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:55:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:55:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:55:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:55:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:55:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:55:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:56:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:56:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:56:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:56:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:56:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:56:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:56:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:56:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:56:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:56:ARG:HB3	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CD1	2:B:56:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:56:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:56:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:56:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:56:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:56:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:56:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:56:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:56:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:56:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:56:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:56:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:56:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:56:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:58:GLN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:58:GLN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:58:GLN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:58:GLN:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:58:GLN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:58:GLN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:58:GLN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:58:GLN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:58:GLN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:58:GLN:HE21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:58:GLN:HE22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:58:GLN:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:58:GLN:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:58:GLN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:58:GLN:NE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:58:GLN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:58:GLN:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:64:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:64:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:64:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:64:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:64:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:64:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:64:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:66:LYS:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:66:LYS:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:66:LYS:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:66:LYS:CD	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CD1	2:B:66:LYS:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:66:LYS:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:66:LYS:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:66:LYS:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:66:LYS:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:66:LYS:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:66:LYS:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:66:LYS:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:66:LYS:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:66:LYS:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:66:LYS:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:66:LYS:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:66:LYS:HZ1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:66:LYS:HZ2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:66:LYS:HZ3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:66:LYS:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:66:LYS:NZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:66:LYS:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:67:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:67:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:67:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:67:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:67:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:67:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:67:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:67:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:67:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:67:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:67:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:67:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:67:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:67:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:68:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:68:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:68:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:68:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:68:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:68:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:68:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:68:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:68:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:68:ASP:O	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CD1	2:B:68:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:68:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:70:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:70:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:70:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:70:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:70:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:70:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:70:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:70:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:70:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:70:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:70:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:70:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:70:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:70:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:70:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:70:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:70:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:70:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:70:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:72:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:72:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:72:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:72:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:72:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:72:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:72:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:72:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:72:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:72:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:72:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:72:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:72:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:72:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:72:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:72:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:72:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:72:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:72:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:74:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:74:ARG:CA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CD1	2:B:74:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:74:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:74:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:74:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:74:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:74:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:74:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:74:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:74:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:74:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:74:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:74:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:74:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:74:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:74:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:74:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:74:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:74:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:74:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:74:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:74:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD1	2:B:74:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:6:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:6:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:6:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:6:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:6:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:6:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:6:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:6:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:6:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:6:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:6:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:9:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:9:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:9:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:9:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:9:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:9:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:9:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:9:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:9:LEU:HB2	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CD2	2:B:9:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:9:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:9:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:9:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:9:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:9:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:9:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:9:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:9:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:9:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:10:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:10:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:10:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:10:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:10:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:10:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:10:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:10:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:10:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:10:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:10:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:10:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:10:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:10:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:11:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:11:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:11:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:11:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:11:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:11:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:11:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:12:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:12:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:12:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:12:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:12:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:12:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:12:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:12:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:12:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:12:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:12:GLU:HG3	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CD2	2:B:12:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:12:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:12:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:12:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:15:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:15:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:15:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:15:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:15:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:15:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:15:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:16:PRO:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:16:PRO:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:16:PRO:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:16:PRO:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:16:PRO:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:16:PRO:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:16:PRO:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:16:PRO:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:16:PRO:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:16:PRO:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:16:PRO:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:16:PRO:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:16:PRO:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:16:PRO:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:17:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:17:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:17:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:17:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:17:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:17:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:17:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:17:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:17:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:17:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:17:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:17:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:17:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:17:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:17:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:17:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:17:ILE:HG23	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CD2	2:B:17:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:17:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:21:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:21:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:21:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:21:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:21:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:21:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:21:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:21:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:21:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:21:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:21:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:21:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:21:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:21:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:21:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:44:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:44:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:44:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:44:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:44:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:44:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:44:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:44:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:44:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:44:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:44:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:44:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:46:TYR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:46:TYR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:46:TYR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:46:TYR:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:46:TYR:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:46:TYR:CE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:46:TYR:CE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:46:TYR:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:46:TYR:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:46:TYR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:46:TYR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:46:TYR:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:46:TYR:HB3	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CD2	2:B:46:TYR:HD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:46:TYR:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:46:TYR:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:46:TYR:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:46:TYR:HH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:46:TYR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:46:TYR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:46:TYR:OH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:48:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:48:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:48:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:48:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:48:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:48:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:48:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:48:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:48:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:48:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:48:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:48:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:48:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:48:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:49:MET:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:49:MET:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:49:MET:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:49:MET:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:49:MET:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:49:MET:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:49:MET:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:49:MET:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:49:MET:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:49:MET:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:49:MET:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:49:MET:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:49:MET:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:49:MET:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:49:MET:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:49:MET:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:49:MET:SD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:50:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:50:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:50:ASP:CB	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CD2	2:B:50:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:50:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:50:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:50:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:50:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:50:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:50:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:50:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:50:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:51:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:51:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:51:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:51:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:51:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:51:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:51:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:51:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:51:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:51:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:51:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:51:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:51:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:51:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:51:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:51:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:51:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:51:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:51:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:53:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:53:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:53:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:53:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:53:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:53:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:53:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:53:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:53:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:53:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:53:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:53:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:54:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:54:SER:CA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CD2	2:B:54:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:54:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:54:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:54:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:54:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:54:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:54:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:54:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:54:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:55:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:55:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:55:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:55:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:55:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:55:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:55:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:55:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:55:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:55:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:55:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:55:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:55:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:55:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:56:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:56:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:56:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:56:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:56:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:56:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:56:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:56:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:56:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:56:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:56:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:56:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:56:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:56:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:56:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:56:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:56:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:56:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:56:ARG:HH22	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CD2	2:B:56:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:56:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:56:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:56:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:56:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:58:GLN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:58:GLN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:58:GLN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:58:GLN:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:58:GLN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:58:GLN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:58:GLN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:58:GLN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:58:GLN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:58:GLN:HE21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:58:GLN:HE22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:58:GLN:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:58:GLN:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:58:GLN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:58:GLN:NE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:58:GLN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:58:GLN:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:64:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:64:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:64:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:64:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:64:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:64:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:64:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:66:LYS:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:66:LYS:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:66:LYS:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:66:LYS:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:66:LYS:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:66:LYS:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:66:LYS:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:66:LYS:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:66:LYS:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:66:LYS:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:66:LYS:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:66:LYS:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:66:LYS:HE2	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CD2	2:B:66:LYS:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:66:LYS:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:66:LYS:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:66:LYS:HZ1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:66:LYS:HZ2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:66:LYS:HZ3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:66:LYS:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:66:LYS:NZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:66:LYS:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:67:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:67:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:67:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:67:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:67:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:67:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:67:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:67:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:67:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:67:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:67:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:67:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:67:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:67:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:68:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:68:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:68:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:68:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:68:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:68:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:68:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:68:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:68:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:68:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:68:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:68:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:70:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:70:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:70:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:70:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:70:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:70:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:70:LEU:H	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CD2	2:B:70:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:70:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:70:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:70:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:70:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:70:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:70:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:70:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:70:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:70:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:70:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:70:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:72:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:72:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:72:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:72:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:72:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:72:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:72:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:72:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:72:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:72:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:72:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:72:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:72:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:72:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:72:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:72:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:72:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:72:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:72:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:74:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:74:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:74:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:74:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:74:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:74:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:74:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:74:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:74:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:74:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:74:ARG:HD2	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CD2	2:B:74:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:74:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:74:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:74:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:74:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:74:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:74:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:74:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:74:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:74:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:74:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:74:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CD2	2:B:74:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:6:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:6:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:6:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:6:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:6:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:6:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:6:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:6:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:6:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:6:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:6:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:9:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:9:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:9:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:9:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:9:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:9:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:9:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:9:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:9:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:9:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:9:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:9:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:9:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:9:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:9:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:9:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:9:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:9:LEU:N	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CG	2:B:9:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:10:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:10:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:10:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:10:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:10:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:10:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:10:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:10:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:10:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:10:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:10:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:10:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:10:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:10:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:11:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:11:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:11:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:11:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:11:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:11:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:11:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:12:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:12:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:12:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:12:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:12:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:12:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:12:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:12:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:12:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:12:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:12:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:12:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:12:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:12:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:12:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:15:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:15:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:15:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:15:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:15:GLY:HA3	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CG	2:B:15:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:15:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:16:PRO:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:16:PRO:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:16:PRO:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:16:PRO:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:16:PRO:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:16:PRO:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:16:PRO:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:16:PRO:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:16:PRO:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:16:PRO:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:16:PRO:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:16:PRO:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:16:PRO:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:16:PRO:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:17:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:17:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:17:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:17:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:17:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:17:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:17:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:17:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:17:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:17:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:17:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:17:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:17:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:17:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:17:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:17:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:17:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:17:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:17:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:21:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:21:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:21:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:21:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:21:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:21:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:21:GLU:HA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CG	2:B:21:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:21:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:21:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:21:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:21:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:21:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:21:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:21:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:44:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:44:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:44:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:44:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:44:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:44:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:44:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:44:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:44:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:44:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:44:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:44:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:46:TYR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:46:TYR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:46:TYR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:46:TYR:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:46:TYR:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:46:TYR:CE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:46:TYR:CE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:46:TYR:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:46:TYR:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:46:TYR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:46:TYR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:46:TYR:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:46:TYR:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:46:TYR:HD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:46:TYR:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:46:TYR:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:46:TYR:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:46:TYR:HH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:46:TYR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:46:TYR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:46:TYR:OH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:48:ASN:C	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CG	2:B:48:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:48:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:48:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:48:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:48:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:48:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:48:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:48:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:48:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:48:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:48:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:48:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:48:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:49:MET:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:49:MET:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:49:MET:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:49:MET:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:49:MET:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:49:MET:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:49:MET:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:49:MET:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:49:MET:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:49:MET:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:49:MET:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:49:MET:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:49:MET:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:49:MET:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:49:MET:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:49:MET:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:49:MET:SD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:50:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:50:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:50:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:50:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:50:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:50:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:50:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:50:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:50:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:50:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:50:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:50:ASP:OD2	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CG	2:B:51:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:51:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:51:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:51:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:51:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:51:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:51:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:51:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:51:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:51:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:51:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:51:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:51:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:51:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:51:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:51:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:51:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:51:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:51:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:53:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:53:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:53:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:53:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:53:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:53:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:53:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:53:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:53:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:53:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:53:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:53:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:54:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:54:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:54:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:54:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:54:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:54:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:54:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:54:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:54:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:54:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:54:SER:OG	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CG	2:B:55:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:55:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:55:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:55:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:55:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:55:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:55:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:55:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:55:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:55:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:55:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:55:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:55:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:55:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:56:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:56:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:56:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:56:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:56:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:56:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:56:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:56:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:56:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:56:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:56:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:56:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:56:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:56:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:56:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:56:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:56:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:56:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:56:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:56:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:56:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:56:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:56:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:56:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:58:GLN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:58:GLN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:58:GLN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:58:GLN:CD	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CG	2:B:58:GLN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:58:GLN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:58:GLN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:58:GLN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:58:GLN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:58:GLN:HE21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:58:GLN:HE22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:58:GLN:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:58:GLN:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:58:GLN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:58:GLN:NE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:58:GLN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:58:GLN:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:64:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:64:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:64:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:64:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:64:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:64:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:64:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:66:LYS:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:66:LYS:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:66:LYS:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:66:LYS:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:66:LYS:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:66:LYS:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:66:LYS:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:66:LYS:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:66:LYS:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:66:LYS:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:66:LYS:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:66:LYS:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:66:LYS:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:66:LYS:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:66:LYS:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:66:LYS:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:66:LYS:HZ1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:66:LYS:HZ2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:66:LYS:HZ3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:66:LYS:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:66:LYS:NZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:66:LYS:O	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CG	2:B:67:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:67:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:67:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:67:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:67:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:67:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:67:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:67:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:67:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:67:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:67:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:67:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:67:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:67:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:68:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:68:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:68:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:68:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:68:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:68:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:68:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:68:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:68:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:68:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:68:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:68:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:70:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:70:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:70:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:70:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:70:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:70:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:70:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:70:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:70:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:70:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:70:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:70:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:70:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:70:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:70:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:70:LEU:HD23	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CG	2:B:70:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:70:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:70:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:72:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:72:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:72:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:72:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:72:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:72:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:72:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:72:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:72:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:72:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:72:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:72:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:72:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:72:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:72:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:72:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:72:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:72:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:72:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:74:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:74:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:74:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:74:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:74:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:74:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:74:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:74:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:74:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:74:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:74:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:74:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:74:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:74:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:74:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:74:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:74:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:74:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:74:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:74:ARG:N	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:CG	2:B:74:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:74:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:74:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:CG	2:B:74:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:6:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:6:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:6:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:6:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:6:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:6:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:6:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:6:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:6:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:6:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:6:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:9:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:9:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:9:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:9:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:9:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:9:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:9:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:9:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:9:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:9:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:9:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:9:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:9:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:9:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:9:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:9:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:9:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:9:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:9:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:10:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:10:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:10:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:10:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:10:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:10:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:10:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:10:THR:HG1	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:H	2:B:10:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:10:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:10:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:10:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:10:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:10:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:11:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:11:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:11:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:11:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:11:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:11:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:11:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:12:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:12:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:12:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:12:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:12:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:12:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:12:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:12:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:12:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:12:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:12:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:12:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:12:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:12:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:12:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:15:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:15:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:15:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:15:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:15:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:15:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:15:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:16:PRO:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:16:PRO:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:16:PRO:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:16:PRO:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:16:PRO:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:16:PRO:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:16:PRO:HB2	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:H	2:B:16:PRO:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:16:PRO:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:16:PRO:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:16:PRO:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:16:PRO:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:16:PRO:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:16:PRO:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:17:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:17:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:17:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:17:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:17:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:17:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:17:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:17:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:17:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:17:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:17:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:17:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:17:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:17:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:17:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:17:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:17:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:17:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:17:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:21:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:21:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:21:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:21:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:21:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:21:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:21:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:21:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:21:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:21:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:21:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:21:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:21:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:21:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:21:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:44:ASP:C	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:H	2:B:44:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:44:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:44:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:44:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:44:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:44:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:44:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:44:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:44:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:44:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:44:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:46:TYR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:46:TYR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:46:TYR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:46:TYR:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:46:TYR:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:46:TYR:CE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:46:TYR:CE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:46:TYR:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:46:TYR:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:46:TYR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:46:TYR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:46:TYR:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:46:TYR:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:46:TYR:HD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:46:TYR:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:46:TYR:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:46:TYR:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:46:TYR:HH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:46:TYR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:46:TYR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:46:TYR:OH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:48:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:48:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:48:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:48:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:48:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:48:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:48:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:48:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:48:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:48:ASN:HD22	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:H	2:B:48:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:48:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:48:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:48:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:49:MET:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:49:MET:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:49:MET:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:49:MET:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:49:MET:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:49:MET:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:49:MET:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:49:MET:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:49:MET:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:49:MET:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:49:MET:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:49:MET:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:49:MET:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:49:MET:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:49:MET:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:49:MET:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:49:MET:SD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:50:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:50:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:50:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:50:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:50:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:50:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:50:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:50:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:50:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:50:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:50:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:50:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:51:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:51:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:51:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:51:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:51:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:51:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:51:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:51:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:51:ILE:HB	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:H	2:B:51:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:51:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:51:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:51:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:51:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:51:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:51:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:51:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:51:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:51:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:53:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:53:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:53:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:53:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:53:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:53:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:53:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:53:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:53:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:53:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:53:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:53:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:54:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:54:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:54:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:54:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:54:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:54:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:54:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:54:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:54:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:54:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:54:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:55:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:55:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:55:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:55:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:55:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:55:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:55:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:55:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:55:ASN:HD21	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:H	2:B:55:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:55:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:55:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:55:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:55:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:56:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:56:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:56:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:56:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:56:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:56:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:56:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:56:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:56:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:56:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:56:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:56:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:56:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:56:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:56:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:56:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:56:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:56:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:56:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:56:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:56:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:56:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:56:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:56:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:58:GLN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:58:GLN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:58:GLN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:58:GLN:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:58:GLN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:58:GLN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:58:GLN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:58:GLN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:58:GLN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:58:GLN:HE21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:58:GLN:HE22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:58:GLN:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:58:GLN:HG3	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:H	2:B:58:GLN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:58:GLN:NE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:58:GLN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:58:GLN:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:64:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:64:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:64:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:64:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:64:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:64:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:64:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:66:LYS:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:66:LYS:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:66:LYS:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:66:LYS:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:66:LYS:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:66:LYS:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:66:LYS:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:66:LYS:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:66:LYS:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:66:LYS:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:66:LYS:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:66:LYS:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:66:LYS:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:66:LYS:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:66:LYS:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:66:LYS:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:66:LYS:HZ1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:66:LYS:HZ2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:66:LYS:HZ3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:66:LYS:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:66:LYS:NZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:66:LYS:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:67:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:67:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:67:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:67:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:67:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:67:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:67:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:67:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:67:THR:HG21	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:H	2:B:67:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:67:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:67:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:67:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:67:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:68:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:68:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:68:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:68:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:68:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:68:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:68:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:68:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:68:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:68:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:68:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:68:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:70:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:70:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:70:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:70:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:70:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:70:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:70:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:70:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:70:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:70:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:70:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:70:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:70:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:70:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:70:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:70:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:70:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:70:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:70:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:72:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:72:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:72:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:72:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:72:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:72:LEU:CG	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:H	2:B:72:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:72:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:72:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:72:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:72:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:72:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:72:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:72:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:72:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:72:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:72:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:72:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:72:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:74:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:74:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:74:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:74:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:74:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:74:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:74:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:74:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:74:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:74:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:74:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:74:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:74:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:74:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:74:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:74:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:74:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:74:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:74:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:74:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:74:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:74:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:74:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:H	2:B:74:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:6:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:6:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:6:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:6:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:6:SER:HA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HA	2:B:6:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:6:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:6:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:6:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:6:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:6:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:9:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:9:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:9:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:9:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:9:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:9:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:9:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:9:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:9:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:9:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:9:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:9:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:9:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:9:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:9:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:9:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:9:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:9:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:9:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:10:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:10:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:10:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:10:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:10:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:10:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:10:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:10:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:10:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:10:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:10:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:10:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:10:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:10:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:11:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:11:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:11:GLY:H	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HA	2:B:11:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:11:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:11:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:11:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:12:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:12:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:12:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:12:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:12:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:12:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:12:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:12:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:12:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:12:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:12:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:12:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:12:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:12:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:12:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:15:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:15:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:15:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:15:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:15:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:15:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:15:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:16:PRO:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:16:PRO:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:16:PRO:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:16:PRO:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:16:PRO:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:16:PRO:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:16:PRO:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:16:PRO:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:16:PRO:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:16:PRO:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:16:PRO:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:16:PRO:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:16:PRO:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:16:PRO:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:17:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:17:ILE:CA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HA	2:B:17:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:17:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:17:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:17:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:17:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:17:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:17:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:17:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:17:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:17:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:17:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:17:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:17:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:17:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:17:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:17:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:17:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:21:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:21:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:21:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:21:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:21:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:21:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:21:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:21:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:21:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:21:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:21:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:21:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:21:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:21:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:21:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:44:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:44:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:44:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:44:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:44:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:44:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:44:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:44:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:44:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:44:ASP:O	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HA	2:B:44:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:44:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:46:TYR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:46:TYR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:46:TYR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:46:TYR:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:46:TYR:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:46:TYR:CE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:46:TYR:CE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:46:TYR:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:46:TYR:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:46:TYR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:46:TYR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:46:TYR:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:46:TYR:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:46:TYR:HD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:46:TYR:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:46:TYR:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:46:TYR:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:46:TYR:HH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:46:TYR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:46:TYR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:46:TYR:OH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:48:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:48:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:48:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:48:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:48:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:48:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:48:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:48:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:48:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:48:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:48:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:48:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:48:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:48:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:49:MET:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:49:MET:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:49:MET:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:49:MET:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:49:MET:CG	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HA	2:B:49:MET:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:49:MET:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:49:MET:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:49:MET:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:49:MET:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:49:MET:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:49:MET:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:49:MET:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:49:MET:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:49:MET:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:49:MET:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:49:MET:SD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:50:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:50:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:50:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:50:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:50:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:50:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:50:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:50:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:50:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:50:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:50:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:50:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:51:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:51:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:51:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:51:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:51:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:51:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:51:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:51:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:51:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:51:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:51:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:51:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:51:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:51:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:51:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:51:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:51:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:51:ILE:N	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HA	2:B:51:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:53:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:53:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:53:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:53:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:53:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:53:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:53:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:53:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:53:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:53:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:53:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:53:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:54:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:54:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:54:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:54:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:54:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:54:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:54:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:54:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:54:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:54:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:54:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:55:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:55:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:55:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:55:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:55:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:55:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:55:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:55:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:55:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:55:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:55:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:55:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:55:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:55:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:56:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:56:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:56:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:56:ARG:CD	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HA	2:B:56:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:56:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:56:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:56:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:56:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:56:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:56:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:56:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:56:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:56:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:56:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:56:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:56:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:56:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:56:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:56:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:56:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:56:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:56:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:56:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:58:GLN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:58:GLN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:58:GLN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:58:GLN:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:58:GLN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:58:GLN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:58:GLN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:58:GLN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:58:GLN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:58:GLN:HE21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:58:GLN:HE22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:58:GLN:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:58:GLN:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:58:GLN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:58:GLN:NE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:58:GLN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:58:GLN:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:64:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:64:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:64:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:64:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:64:GLY:HA3	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HA	2:B:64:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:64:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:66:LYS:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:66:LYS:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:66:LYS:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:66:LYS:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:66:LYS:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:66:LYS:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:66:LYS:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:66:LYS:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:66:LYS:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:66:LYS:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:66:LYS:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:66:LYS:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:66:LYS:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:66:LYS:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:66:LYS:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:66:LYS:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:66:LYS:HZ1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:66:LYS:HZ2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:66:LYS:HZ3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:66:LYS:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:66:LYS:NZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:66:LYS:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:67:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:67:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:67:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:67:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:67:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:67:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:67:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:67:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:67:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:67:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:67:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:67:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:67:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:67:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:68:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:68:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:68:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:68:ASP:CG	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HA	2:B:68:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:68:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:68:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:68:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:68:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:68:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:68:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:68:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:70:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:70:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:70:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:70:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:70:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:70:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:70:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:70:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:70:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:70:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:70:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:70:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:70:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:70:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:70:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:70:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:70:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:70:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:70:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:72:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:72:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:72:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:72:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:72:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:72:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:72:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:72:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:72:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:72:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:72:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:72:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:72:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:72:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:72:LEU:HD22	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HA	2:B:72:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:72:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:72:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:72:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:74:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:74:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:74:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:74:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:74:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:74:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:74:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:74:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:74:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:74:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:74:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:74:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:74:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:74:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:74:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:74:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:74:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:74:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:74:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:74:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:74:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:74:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:74:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HA	2:B:74:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:6:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:6:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:6:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:6:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:6:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:6:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:6:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:6:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:6:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:6:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:6:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:9:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:9:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:9:LEU:CB	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HB2	2:B:9:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:9:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:9:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:9:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:9:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:9:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:9:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:9:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:9:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:9:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:9:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:9:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:9:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:9:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:9:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:9:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:10:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:10:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:10:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:10:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:10:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:10:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:10:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:10:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:10:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:10:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:10:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:10:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:10:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:10:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:11:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:11:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:11:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:11:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:11:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:11:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:11:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:12:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:12:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:12:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:12:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:12:GLU:CG	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HB2	2:B:12:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:12:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:12:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:12:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:12:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:12:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:12:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:12:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:12:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:12:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:15:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:15:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:15:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:15:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:15:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:15:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:15:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:16:PRO:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:16:PRO:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:16:PRO:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:16:PRO:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:16:PRO:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:16:PRO:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:16:PRO:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:16:PRO:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:16:PRO:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:16:PRO:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:16:PRO:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:16:PRO:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:16:PRO:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:16:PRO:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:17:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:17:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:17:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:17:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:17:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:17:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:17:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:17:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:17:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:17:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:17:ILE:HD12	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HB2	2:B:17:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:17:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:17:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:17:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:17:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:17:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:17:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:17:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:21:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:21:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:21:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:21:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:21:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:21:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:21:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:21:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:21:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:21:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:21:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:21:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:21:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:21:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:21:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:44:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:44:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:44:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:44:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:44:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:44:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:44:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:44:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:44:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:44:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:44:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:44:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:46:TYR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:46:TYR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:46:TYR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:46:TYR:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:46:TYR:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:46:TYR:CE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:46:TYR:CE2	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HB2	2:B:46:TYR:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:46:TYR:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:46:TYR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:46:TYR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:46:TYR:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:46:TYR:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:46:TYR:HD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:46:TYR:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:46:TYR:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:46:TYR:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:46:TYR:HH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:46:TYR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:46:TYR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:46:TYR:OH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:48:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:48:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:48:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:48:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:48:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:48:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:48:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:48:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:48:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:48:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:48:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:48:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:48:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:48:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:49:MET:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:49:MET:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:49:MET:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:49:MET:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:49:MET:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:49:MET:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:49:MET:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:49:MET:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:49:MET:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:49:MET:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:49:MET:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:49:MET:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:49:MET:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:49:MET:HG3	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HB2	2:B:49:MET:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:49:MET:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:49:MET:SD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:50:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:50:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:50:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:50:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:50:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:50:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:50:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:50:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:50:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:50:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:50:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:50:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:51:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:51:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:51:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:51:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:51:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:51:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:51:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:51:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:51:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:51:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:51:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:51:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:51:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:51:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:51:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:51:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:51:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:51:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:51:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:53:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:53:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:53:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:53:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:53:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:53:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:53:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:53:ASP:HB3	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HB2	2:B:53:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:53:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:53:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:53:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:54:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:54:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:54:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:54:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:54:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:54:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:54:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:54:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:54:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:54:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:54:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:55:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:55:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:55:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:55:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:55:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:55:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:55:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:55:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:55:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:55:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:55:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:55:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:55:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:55:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:56:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:56:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:56:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:56:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:56:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:56:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:56:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:56:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:56:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:56:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:56:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:56:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:56:ARG:HE	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HB2	2:B:56:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:56:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:56:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:56:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:56:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:56:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:56:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:56:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:56:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:56:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:56:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:58:GLN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:58:GLN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:58:GLN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:58:GLN:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:58:GLN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:58:GLN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:58:GLN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:58:GLN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:58:GLN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:58:GLN:HE21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:58:GLN:HE22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:58:GLN:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:58:GLN:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:58:GLN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:58:GLN:NE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:58:GLN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:58:GLN:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:64:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:64:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:64:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:64:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:64:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:64:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:64:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:66:LYS:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:66:LYS:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:66:LYS:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:66:LYS:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:66:LYS:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:66:LYS:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:66:LYS:H	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HB2	2:B:66:LYS:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:66:LYS:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:66:LYS:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:66:LYS:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:66:LYS:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:66:LYS:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:66:LYS:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:66:LYS:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:66:LYS:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:66:LYS:HZ1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:66:LYS:HZ2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:66:LYS:HZ3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:66:LYS:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:66:LYS:NZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:66:LYS:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:67:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:67:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:67:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:67:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:67:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:67:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:67:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:67:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:67:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:67:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:67:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:67:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:67:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:67:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:68:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:68:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:68:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:68:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:68:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:68:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:68:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:68:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:68:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:68:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:68:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:68:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:70:LEU:C	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HB2	2:B:70:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:70:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:70:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:70:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:70:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:70:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:70:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:70:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:70:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:70:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:70:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:70:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:70:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:70:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:70:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:70:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:70:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:70:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:72:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:72:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:72:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:72:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:72:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:72:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:72:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:72:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:72:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:72:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:72:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:72:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:72:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:72:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:72:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:72:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:72:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:72:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:72:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:74:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:74:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:74:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:74:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:74:ARG:CG	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HB2	2:B:74:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:74:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:74:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:74:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:74:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:74:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:74:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:74:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:74:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:74:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:74:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:74:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:74:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:74:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:74:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:74:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:74:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:74:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB2	2:B:74:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:6:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:6:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:6:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:6:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:6:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:6:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:6:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:6:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:6:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:6:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:6:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:9:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:9:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:9:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:9:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:9:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:9:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:9:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:9:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:9:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:9:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:9:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:9:LEU:HD12	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HB3	2:B:9:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:9:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:9:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:9:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:9:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:9:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:9:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:10:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:10:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:10:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:10:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:10:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:10:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:10:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:10:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:10:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:10:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:10:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:10:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:10:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:10:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:11:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:11:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:11:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:11:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:11:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:11:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:11:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:12:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:12:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:12:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:12:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:12:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:12:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:12:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:12:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:12:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:12:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:12:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:12:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:12:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:12:GLU:OE1	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HB3	2:B:12:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:15:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:15:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:15:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:15:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:15:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:15:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:15:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:16:PRO:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:16:PRO:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:16:PRO:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:16:PRO:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:16:PRO:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:16:PRO:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:16:PRO:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:16:PRO:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:16:PRO:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:16:PRO:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:16:PRO:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:16:PRO:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:16:PRO:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:16:PRO:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:17:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:17:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:17:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:17:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:17:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:17:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:17:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:17:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:17:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:17:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:17:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:17:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:17:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:17:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:17:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:17:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:17:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:17:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:17:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:21:GLU:C	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HB3	2:B:21:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:21:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:21:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:21:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:21:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:21:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:21:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:21:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:21:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:21:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:21:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:21:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:21:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:21:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:44:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:44:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:44:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:44:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:44:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:44:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:44:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:44:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:44:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:44:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:44:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:44:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:46:TYR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:46:TYR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:46:TYR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:46:TYR:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:46:TYR:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:46:TYR:CE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:46:TYR:CE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:46:TYR:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:46:TYR:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:46:TYR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:46:TYR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:46:TYR:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:46:TYR:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:46:TYR:HD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:46:TYR:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:46:TYR:HE1	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HB3	2:B:46:TYR:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:46:TYR:HH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:46:TYR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:46:TYR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:46:TYR:OH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:48:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:48:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:48:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:48:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:48:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:48:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:48:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:48:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:48:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:48:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:48:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:48:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:48:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:48:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:49:MET:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:49:MET:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:49:MET:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:49:MET:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:49:MET:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:49:MET:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:49:MET:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:49:MET:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:49:MET:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:49:MET:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:49:MET:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:49:MET:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:49:MET:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:49:MET:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:49:MET:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:49:MET:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:49:MET:SD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:50:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:50:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:50:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:50:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:50:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:50:ASP:HA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HB3	2:B:50:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:50:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:50:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:50:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:50:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:50:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:51:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:51:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:51:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:51:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:51:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:51:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:51:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:51:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:51:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:51:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:51:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:51:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:51:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:51:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:51:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:51:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:51:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:51:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:51:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:53:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:53:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:53:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:53:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:53:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:53:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:53:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:53:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:53:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:53:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:53:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:53:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:54:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:54:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:54:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:54:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:54:SER:HA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HB3	2:B:54:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:54:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:54:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:54:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:54:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:54:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:55:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:55:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:55:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:55:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:55:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:55:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:55:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:55:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:55:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:55:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:55:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:55:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:55:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:55:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:56:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:56:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:56:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:56:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:56:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:56:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:56:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:56:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:56:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:56:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:56:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:56:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:56:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:56:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:56:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:56:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:56:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:56:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:56:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:56:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:56:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:56:ARG:NH1	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HB3	2:B:56:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:56:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:58:GLN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:58:GLN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:58:GLN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:58:GLN:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:58:GLN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:58:GLN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:58:GLN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:58:GLN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:58:GLN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:58:GLN:HE21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:58:GLN:HE22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:58:GLN:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:58:GLN:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:58:GLN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:58:GLN:NE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:58:GLN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:58:GLN:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:64:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:64:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:64:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:64:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:64:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:64:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:64:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:66:LYS:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:66:LYS:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:66:LYS:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:66:LYS:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:66:LYS:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:66:LYS:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:66:LYS:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:66:LYS:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:66:LYS:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:66:LYS:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:66:LYS:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:66:LYS:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:66:LYS:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:66:LYS:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:66:LYS:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:66:LYS:HG3	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HB3	2:B:66:LYS:HZ1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:66:LYS:HZ2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:66:LYS:HZ3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:66:LYS:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:66:LYS:NZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:66:LYS:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:67:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:67:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:67:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:67:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:67:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:67:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:67:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:67:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:67:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:67:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:67:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:67:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:67:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:67:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:68:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:68:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:68:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:68:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:68:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:68:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:68:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:68:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:68:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:68:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:68:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:68:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:70:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:70:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:70:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:70:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:70:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:70:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:70:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:70:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:70:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:70:LEU:HB3	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HB3	2:B:70:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:70:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:70:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:70:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:70:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:70:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:70:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:70:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:70:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:72:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:72:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:72:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:72:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:72:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:72:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:72:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:72:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:72:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:72:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:72:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:72:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:72:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:72:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:72:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:72:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:72:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:72:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:72:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:74:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:74:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:74:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:74:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:74:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:74:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:74:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:74:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:74:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:74:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:74:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:74:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:74:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:74:ARG:HG2	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HB3	2:B:74:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:74:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:74:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:74:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:74:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:74:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:74:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:74:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:74:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HB3	2:B:74:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:6:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:6:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:6:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:6:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:6:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:6:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:6:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:6:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:6:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:6:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:6:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:9:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:9:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:9:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:9:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:9:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:9:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:9:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:9:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:9:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:9:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:9:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:9:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:9:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:9:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:9:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:9:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:9:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:9:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:9:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:10:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:10:THR:CA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD11	2:B:10:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:10:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:10:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:10:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:10:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:10:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:10:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:10:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:10:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:10:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:10:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:10:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:11:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:11:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:11:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:11:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:11:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:11:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:11:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:12:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:12:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:12:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:12:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:12:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:12:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:12:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:12:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:12:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:12:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:12:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:12:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:12:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:12:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:12:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:15:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:15:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:15:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:15:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:15:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:15:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:15:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:16:PRO:C	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD11	2:B:16:PRO:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:16:PRO:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:16:PRO:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:16:PRO:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:16:PRO:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:16:PRO:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:16:PRO:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:16:PRO:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:16:PRO:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:16:PRO:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:16:PRO:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:16:PRO:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:16:PRO:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:17:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:17:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:17:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:17:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:17:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:17:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:17:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:17:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:17:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:17:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:17:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:17:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:17:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:17:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:17:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:17:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:17:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:17:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:17:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:21:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:21:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:21:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:21:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:21:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:21:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:21:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:21:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:21:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:21:GLU:HG2	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD11	2:B:21:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:21:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:21:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:21:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:21:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:44:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:44:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:44:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:44:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:44:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:44:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:44:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:44:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:44:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:44:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:44:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:44:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:46:TYR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:46:TYR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:46:TYR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:46:TYR:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:46:TYR:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:46:TYR:CE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:46:TYR:CE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:46:TYR:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:46:TYR:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:46:TYR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:46:TYR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:46:TYR:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:46:TYR:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:46:TYR:HD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:46:TYR:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:46:TYR:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:46:TYR:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:46:TYR:HH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:46:TYR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:46:TYR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:46:TYR:OH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:48:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:48:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:48:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:48:ASN:CG	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD11	2:B:48:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:48:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:48:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:48:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:48:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:48:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:48:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:48:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:48:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:48:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:49:MET:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:49:MET:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:49:MET:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:49:MET:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:49:MET:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:49:MET:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:49:MET:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:49:MET:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:49:MET:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:49:MET:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:49:MET:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:49:MET:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:49:MET:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:49:MET:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:49:MET:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:49:MET:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:49:MET:SD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:50:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:50:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:50:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:50:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:50:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:50:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:50:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:50:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:50:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:50:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:50:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:50:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:51:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:51:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:51:ILE:CB	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD11	2:B:51:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:51:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:51:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:51:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:51:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:51:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:51:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:51:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:51:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:51:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:51:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:51:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:51:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:51:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:51:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:51:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:53:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:53:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:53:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:53:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:53:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:53:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:53:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:53:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:53:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:53:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:53:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:53:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:54:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:54:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:54:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:54:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:54:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:54:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:54:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:54:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:54:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:54:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:54:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:55:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:55:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:55:ASN:CB	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD11	2:B:55:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:55:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:55:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:55:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:55:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:55:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:55:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:55:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:55:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:55:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:55:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:56:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:56:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:56:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:56:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:56:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:56:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:56:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:56:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:56:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:56:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:56:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:56:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:56:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:56:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:56:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:56:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:56:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:56:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:56:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:56:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:56:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:56:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:56:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:56:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:58:GLN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:58:GLN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:58:GLN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:58:GLN:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:58:GLN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:58:GLN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:58:GLN:HA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD11	2:B:58:GLN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:58:GLN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:58:GLN:HE21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:58:GLN:HE22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:58:GLN:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:58:GLN:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:58:GLN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:58:GLN:NE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:58:GLN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:58:GLN:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:64:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:64:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:64:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:64:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:64:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:64:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:64:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:66:LYS:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:66:LYS:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:66:LYS:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:66:LYS:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:66:LYS:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:66:LYS:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:66:LYS:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:66:LYS:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:66:LYS:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:66:LYS:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:66:LYS:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:66:LYS:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:66:LYS:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:66:LYS:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:66:LYS:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:66:LYS:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:66:LYS:HZ1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:66:LYS:HZ2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:66:LYS:HZ3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:66:LYS:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:66:LYS:NZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:66:LYS:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:67:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:67:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:67:THR:CB	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD11	2:B:67:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:67:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:67:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:67:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:67:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:67:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:67:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:67:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:67:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:67:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:67:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:68:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:68:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:68:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:68:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:68:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:68:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:68:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:68:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:68:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:68:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:68:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:68:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:70:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:70:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:70:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:70:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:70:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:70:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:70:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:70:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:70:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:70:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:70:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:70:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:70:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:70:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:70:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:70:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:70:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:70:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:70:LEU:O	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD11	2:B:72:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:72:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:72:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:72:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:72:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:72:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:72:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:72:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:72:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:72:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:72:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:72:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:72:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:72:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:72:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:72:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:72:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:72:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:72:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:74:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:74:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:74:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:74:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:74:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:74:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:74:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:74:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:74:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:74:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:74:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:74:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:74:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:74:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:74:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:74:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:74:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:74:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:74:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:74:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:74:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:74:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD11	2:B:74:ARG:NH2	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD11	2:B:74:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:6:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:6:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:6:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:6:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:6:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:6:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:6:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:6:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:6:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:6:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:6:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:9:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:9:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:9:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:9:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:9:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:9:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:9:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:9:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:9:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:9:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:9:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:9:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:9:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:9:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:9:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:9:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:9:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:9:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:9:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:10:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:10:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:10:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:10:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:10:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:10:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:10:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:10:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:10:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:10:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:10:THR:HG23	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD12	2:B:10:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:10:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:10:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:11:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:11:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:11:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:11:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:11:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:11:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:11:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:12:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:12:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:12:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:12:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:12:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:12:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:12:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:12:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:12:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:12:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:12:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:12:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:12:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:12:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:12:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:15:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:15:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:15:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:15:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:15:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:15:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:15:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:16:PRO:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:16:PRO:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:16:PRO:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:16:PRO:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:16:PRO:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:16:PRO:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:16:PRO:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:16:PRO:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:16:PRO:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:16:PRO:HD3	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD12	2:B:16:PRO:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:16:PRO:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:16:PRO:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:16:PRO:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:17:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:17:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:17:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:17:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:17:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:17:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:17:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:17:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:17:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:17:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:17:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:17:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:17:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:17:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:17:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:17:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:17:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:17:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:17:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:21:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:21:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:21:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:21:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:21:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:21:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:21:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:21:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:21:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:21:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:21:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:21:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:21:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:21:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:21:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:44:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:44:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:44:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:44:ASP:CG	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD12	2:B:44:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:44:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:44:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:44:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:44:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:44:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:44:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:44:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:46:TYR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:46:TYR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:46:TYR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:46:TYR:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:46:TYR:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:46:TYR:CE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:46:TYR:CE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:46:TYR:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:46:TYR:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:46:TYR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:46:TYR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:46:TYR:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:46:TYR:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:46:TYR:HD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:46:TYR:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:46:TYR:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:46:TYR:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:46:TYR:HH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:46:TYR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:46:TYR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:46:TYR:OH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:48:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:48:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:48:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:48:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:48:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:48:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:48:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:48:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:48:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:48:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:48:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:48:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:48:ASN:O	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD12	2:B:48:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:49:MET:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:49:MET:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:49:MET:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:49:MET:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:49:MET:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:49:MET:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:49:MET:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:49:MET:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:49:MET:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:49:MET:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:49:MET:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:49:MET:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:49:MET:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:49:MET:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:49:MET:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:49:MET:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:49:MET:SD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:50:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:50:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:50:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:50:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:50:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:50:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:50:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:50:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:50:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:50:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:50:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:50:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:51:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:51:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:51:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:51:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:51:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:51:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:51:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:51:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:51:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:51:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:51:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:51:ILE:HD13	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD12	2:B:51:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:51:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:51:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:51:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:51:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:51:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:51:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:53:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:53:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:53:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:53:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:53:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:53:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:53:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:53:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:53:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:53:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:53:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:53:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:54:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:54:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:54:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:54:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:54:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:54:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:54:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:54:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:54:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:54:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:54:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:55:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:55:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:55:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:55:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:55:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:55:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:55:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:55:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:55:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:55:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:55:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:55:ASN:ND2	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD12	2:B:55:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:55:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:56:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:56:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:56:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:56:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:56:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:56:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:56:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:56:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:56:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:56:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:56:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:56:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:56:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:56:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:56:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:56:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:56:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:56:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:56:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:56:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:56:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:56:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:56:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:56:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:58:GLN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:58:GLN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:58:GLN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:58:GLN:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:58:GLN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:58:GLN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:58:GLN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:58:GLN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:58:GLN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:58:GLN:HE21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:58:GLN:HE22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:58:GLN:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:58:GLN:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:58:GLN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:58:GLN:NE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:58:GLN:O	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD12	2:B:58:GLN:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:64:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:64:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:64:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:64:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:64:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:64:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:64:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:66:LYS:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:66:LYS:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:66:LYS:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:66:LYS:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:66:LYS:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:66:LYS:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:66:LYS:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:66:LYS:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:66:LYS:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:66:LYS:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:66:LYS:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:66:LYS:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:66:LYS:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:66:LYS:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:66:LYS:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:66:LYS:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:66:LYS:HZ1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:66:LYS:HZ2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:66:LYS:HZ3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:66:LYS:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:66:LYS:NZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:66:LYS:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:67:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:67:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:67:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:67:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:67:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:67:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:67:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:67:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:67:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:67:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:67:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:67:THR:N	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD12	2:B:67:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:67:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:68:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:68:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:68:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:68:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:68:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:68:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:68:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:68:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:68:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:68:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:68:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:68:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:70:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:70:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:70:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:70:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:70:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:70:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:70:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:70:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:70:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:70:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:70:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:70:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:70:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:70:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:70:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:70:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:70:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:70:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:70:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:72:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:72:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:72:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:72:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:72:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:72:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:72:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:72:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:72:LEU:HB2	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD12	2:B:72:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:72:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:72:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:72:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:72:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:72:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:72:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:72:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:72:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:72:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:74:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:74:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:74:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:74:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:74:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:74:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:74:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:74:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:74:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:74:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:74:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:74:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:74:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:74:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:74:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:74:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:74:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:74:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:74:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:74:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:74:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:74:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:74:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD12	2:B:74:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:6:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:6:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:6:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:6:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:6:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:6:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:6:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:6:SER:HG	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD13	2:B:6:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:6:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:6:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:9:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:9:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:9:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:9:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:9:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:9:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:9:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:9:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:9:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:9:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:9:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:9:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:9:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:9:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:9:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:9:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:9:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:9:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:9:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:10:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:10:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:10:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:10:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:10:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:10:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:10:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:10:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:10:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:10:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:10:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:10:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:10:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:10:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:11:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:11:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:11:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:11:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:11:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:11:GLY:N	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD13	2:B:11:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:12:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:12:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:12:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:12:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:12:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:12:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:12:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:12:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:12:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:12:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:12:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:12:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:12:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:12:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:12:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:15:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:15:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:15:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:15:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:15:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:15:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:15:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:16:PRO:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:16:PRO:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:16:PRO:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:16:PRO:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:16:PRO:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:16:PRO:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:16:PRO:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:16:PRO:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:16:PRO:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:16:PRO:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:16:PRO:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:16:PRO:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:16:PRO:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:16:PRO:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:17:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:17:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:17:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:17:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:17:ILE:CG1	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD13	2:B:17:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:17:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:17:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:17:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:17:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:17:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:17:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:17:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:17:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:17:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:17:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:17:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:17:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:17:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:21:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:21:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:21:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:21:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:21:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:21:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:21:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:21:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:21:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:21:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:21:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:21:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:21:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:21:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:21:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:44:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:44:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:44:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:44:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:44:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:44:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:44:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:44:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:44:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:44:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:44:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:44:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:46:TYR:C	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD13	2:B:46:TYR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:46:TYR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:46:TYR:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:46:TYR:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:46:TYR:CE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:46:TYR:CE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:46:TYR:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:46:TYR:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:46:TYR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:46:TYR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:46:TYR:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:46:TYR:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:46:TYR:HD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:46:TYR:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:46:TYR:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:46:TYR:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:46:TYR:HH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:46:TYR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:46:TYR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:46:TYR:OH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:48:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:48:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:48:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:48:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:48:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:48:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:48:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:48:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:48:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:48:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:48:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:48:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:48:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:48:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:49:MET:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:49:MET:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:49:MET:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:49:MET:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:49:MET:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:49:MET:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:49:MET:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:49:MET:HB2	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD13	2:B:49:MET:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:49:MET:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:49:MET:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:49:MET:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:49:MET:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:49:MET:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:49:MET:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:49:MET:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:49:MET:SD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:50:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:50:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:50:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:50:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:50:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:50:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:50:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:50:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:50:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:50:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:50:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:50:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:51:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:51:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:51:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:51:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:51:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:51:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:51:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:51:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:51:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:51:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:51:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:51:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:51:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:51:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:51:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:51:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:51:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:51:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:51:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:53:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:53:ASP:CA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD13	2:B:53:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:53:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:53:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:53:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:53:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:53:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:53:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:53:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:53:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:53:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:54:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:54:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:54:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:54:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:54:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:54:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:54:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:54:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:54:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:54:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:54:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:55:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:55:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:55:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:55:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:55:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:55:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:55:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:55:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:55:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:55:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:55:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:55:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:55:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:55:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:56:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:56:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:56:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:56:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:56:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:56:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:56:ARG:H	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD13	2:B:56:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:56:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:56:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:56:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:56:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:56:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:56:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:56:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:56:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:56:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:56:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:56:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:56:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:56:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:56:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:56:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:56:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:58:GLN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:58:GLN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:58:GLN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:58:GLN:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:58:GLN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:58:GLN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:58:GLN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:58:GLN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:58:GLN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:58:GLN:HE21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:58:GLN:HE22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:58:GLN:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:58:GLN:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:58:GLN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:58:GLN:NE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:58:GLN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:58:GLN:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:64:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:64:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:64:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:64:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:64:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:64:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:64:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:66:LYS:C	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD13	2:B:66:LYS:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:66:LYS:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:66:LYS:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:66:LYS:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:66:LYS:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:66:LYS:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:66:LYS:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:66:LYS:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:66:LYS:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:66:LYS:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:66:LYS:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:66:LYS:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:66:LYS:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:66:LYS:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:66:LYS:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:66:LYS:HZ1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:66:LYS:HZ2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:66:LYS:HZ3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:66:LYS:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:66:LYS:NZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:66:LYS:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:67:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:67:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:67:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:67:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:67:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:67:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:67:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:67:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:67:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:67:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:67:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:67:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:67:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:67:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:68:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:68:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:68:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:68:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:68:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:68:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:68:ASP:HB2	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD13	2:B:68:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:68:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:68:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:68:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:68:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:70:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:70:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:70:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:70:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:70:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:70:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:70:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:70:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:70:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:70:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:70:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:70:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:70:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:70:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:70:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:70:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:70:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:70:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:70:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:72:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:72:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:72:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:72:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:72:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:72:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:72:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:72:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:72:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:72:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:72:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:72:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:72:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:72:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:72:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:72:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:72:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:72:LEU:N	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD13	2:B:72:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:74:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:74:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:74:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:74:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:74:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:74:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:74:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:74:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:74:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:74:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:74:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:74:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:74:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:74:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:74:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:74:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:74:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:74:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:74:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:74:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:74:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:74:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:74:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD13	2:B:74:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:6:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:6:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:6:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:6:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:6:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:6:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:6:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:6:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:6:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:6:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:6:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:9:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:9:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:9:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:9:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:9:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:9:LEU:CG	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD21	2:B:9:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:9:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:9:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:9:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:9:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:9:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:9:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:9:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:9:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:9:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:9:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:9:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:9:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:10:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:10:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:10:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:10:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:10:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:10:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:10:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:10:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:10:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:10:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:10:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:10:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:10:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:10:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:11:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:11:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:11:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:11:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:11:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:11:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:11:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:12:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:12:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:12:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:12:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:12:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:12:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:12:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:12:GLU:HB2	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD21	2:B:12:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:12:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:12:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:12:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:12:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:12:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:12:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:15:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:15:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:15:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:15:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:15:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:15:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:15:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:16:PRO:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:16:PRO:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:16:PRO:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:16:PRO:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:16:PRO:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:16:PRO:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:16:PRO:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:16:PRO:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:16:PRO:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:16:PRO:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:16:PRO:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:16:PRO:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:16:PRO:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:16:PRO:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:17:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:17:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:17:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:17:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:17:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:17:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:17:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:17:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:17:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:17:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:17:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:17:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:17:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:17:ILE:HG13	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD21	2:B:17:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:17:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:17:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:17:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:17:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:21:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:21:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:21:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:21:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:21:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:21:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:21:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:21:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:21:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:21:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:21:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:21:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:21:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:21:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:21:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:44:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:44:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:44:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:44:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:44:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:44:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:44:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:44:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:44:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:44:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:44:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:44:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:46:TYR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:46:TYR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:46:TYR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:46:TYR:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:46:TYR:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:46:TYR:CE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:46:TYR:CE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:46:TYR:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:46:TYR:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:46:TYR:H	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD21	2:B:46:TYR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:46:TYR:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:46:TYR:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:46:TYR:HD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:46:TYR:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:46:TYR:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:46:TYR:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:46:TYR:HH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:46:TYR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:46:TYR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:46:TYR:OH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:48:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:48:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:48:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:48:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:48:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:48:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:48:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:48:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:48:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:48:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:48:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:48:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:48:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:48:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:49:MET:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:49:MET:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:49:MET:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:49:MET:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:49:MET:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:49:MET:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:49:MET:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:49:MET:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:49:MET:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:49:MET:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:49:MET:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:49:MET:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:49:MET:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:49:MET:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:49:MET:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:49:MET:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:49:MET:SD	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD21	2:B:50:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:50:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:50:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:50:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:50:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:50:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:50:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:50:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:50:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:50:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:50:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:50:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:51:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:51:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:51:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:51:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:51:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:51:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:51:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:51:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:51:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:51:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:51:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:51:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:51:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:51:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:51:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:51:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:51:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:51:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:51:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:53:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:53:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:53:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:53:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:53:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:53:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:53:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:53:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:53:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:53:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:53:ASP:OD1	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD21	2:B:53:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:54:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:54:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:54:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:54:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:54:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:54:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:54:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:54:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:54:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:54:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:54:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:55:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:55:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:55:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:55:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:55:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:55:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:55:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:55:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:55:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:55:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:55:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:55:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:55:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:55:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:56:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:56:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:56:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:56:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:56:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:56:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:56:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:56:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:56:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:56:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:56:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:56:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:56:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:56:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:56:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:56:ARG:HH11	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD21	2:B:56:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:56:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:56:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:56:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:56:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:56:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:56:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:56:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:58:GLN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:58:GLN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:58:GLN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:58:GLN:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:58:GLN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:58:GLN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:58:GLN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:58:GLN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:58:GLN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:58:GLN:HE21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:58:GLN:HE22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:58:GLN:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:58:GLN:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:58:GLN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:58:GLN:NE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:58:GLN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:58:GLN:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:64:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:64:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:64:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:64:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:64:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:64:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:64:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:66:LYS:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:66:LYS:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:66:LYS:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:66:LYS:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:66:LYS:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:66:LYS:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:66:LYS:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:66:LYS:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:66:LYS:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:66:LYS:HB3	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD21	2:B:66:LYS:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:66:LYS:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:66:LYS:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:66:LYS:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:66:LYS:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:66:LYS:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:66:LYS:HZ1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:66:LYS:HZ2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:66:LYS:HZ3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:66:LYS:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:66:LYS:NZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:66:LYS:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:67:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:67:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:67:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:67:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:67:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:67:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:67:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:67:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:67:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:67:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:67:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:67:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:67:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:67:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:68:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:68:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:68:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:68:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:68:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:68:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:68:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:68:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:68:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:68:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:68:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:68:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:70:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:70:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:70:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:70:LEU:CD1	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD21	2:B:70:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:70:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:70:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:70:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:70:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:70:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:70:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:70:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:70:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:70:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:70:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:70:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:70:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:70:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:70:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:72:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:72:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:72:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:72:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:72:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:72:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:72:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:72:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:72:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:72:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:72:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:72:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:72:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:72:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:72:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:72:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:72:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:72:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:72:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:74:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:74:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:74:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:74:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:74:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:74:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:74:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:74:ARG:HA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD21	2:B:74:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:74:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:74:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:74:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:74:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:74:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:74:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:74:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:74:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:74:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:74:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:74:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:74:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:74:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:74:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD21	2:B:74:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:6:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:6:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:6:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:6:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:6:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:6:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:6:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:6:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:6:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:6:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:6:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:9:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:9:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:9:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:9:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:9:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:9:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:9:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:9:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:9:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:9:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:9:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:9:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:9:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:9:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:9:LEU:HD22	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD22	2:B:9:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:9:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:9:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:9:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:10:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:10:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:10:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:10:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:10:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:10:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:10:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:10:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:10:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:10:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:10:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:10:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:10:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:10:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:11:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:11:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:11:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:11:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:11:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:11:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:11:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:12:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:12:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:12:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:12:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:12:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:12:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:12:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:12:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:12:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:12:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:12:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:12:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:12:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:12:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:12:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:15:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:15:GLY:CA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD22	2:B:15:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:15:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:15:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:15:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:15:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:16:PRO:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:16:PRO:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:16:PRO:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:16:PRO:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:16:PRO:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:16:PRO:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:16:PRO:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:16:PRO:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:16:PRO:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:16:PRO:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:16:PRO:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:16:PRO:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:16:PRO:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:16:PRO:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:17:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:17:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:17:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:17:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:17:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:17:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:17:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:17:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:17:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:17:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:17:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:17:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:17:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:17:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:17:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:17:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:17:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:17:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:17:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:21:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:21:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:21:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:21:GLU:CD	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD22	2:B:21:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:21:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:21:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:21:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:21:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:21:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:21:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:21:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:21:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:21:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:21:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:44:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:44:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:44:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:44:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:44:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:44:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:44:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:44:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:44:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:44:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:44:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:44:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:46:TYR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:46:TYR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:46:TYR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:46:TYR:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:46:TYR:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:46:TYR:CE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:46:TYR:CE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:46:TYR:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:46:TYR:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:46:TYR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:46:TYR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:46:TYR:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:46:TYR:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:46:TYR:HD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:46:TYR:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:46:TYR:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:46:TYR:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:46:TYR:HH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:46:TYR:N	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD22	2:B:46:TYR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:46:TYR:OH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:48:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:48:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:48:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:48:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:48:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:48:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:48:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:48:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:48:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:48:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:48:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:48:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:48:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:48:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:49:MET:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:49:MET:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:49:MET:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:49:MET:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:49:MET:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:49:MET:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:49:MET:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:49:MET:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:49:MET:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:49:MET:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:49:MET:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:49:MET:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:49:MET:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:49:MET:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:49:MET:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:49:MET:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:49:MET:SD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:50:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:50:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:50:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:50:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:50:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:50:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:50:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:50:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:50:ASP:N	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD22	2:B:50:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:50:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:50:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:51:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:51:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:51:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:51:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:51:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:51:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:51:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:51:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:51:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:51:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:51:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:51:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:51:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:51:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:51:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:51:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:51:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:51:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:51:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:53:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:53:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:53:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:53:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:53:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:53:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:53:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:53:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:53:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:53:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:53:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:53:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:54:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:54:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:54:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:54:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:54:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:54:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:54:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:54:SER:HG	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD22	2:B:54:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:54:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:54:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:55:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:55:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:55:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:55:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:55:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:55:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:55:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:55:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:55:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:55:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:55:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:55:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:55:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:55:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:56:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:56:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:56:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:56:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:56:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:56:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:56:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:56:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:56:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:56:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:56:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:56:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:56:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:56:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:56:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:56:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:56:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:56:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:56:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:56:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:56:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:56:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:56:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:56:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:58:GLN:C	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD22	2:B:58:GLN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:58:GLN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:58:GLN:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:58:GLN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:58:GLN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:58:GLN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:58:GLN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:58:GLN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:58:GLN:HE21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:58:GLN:HE22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:58:GLN:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:58:GLN:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:58:GLN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:58:GLN:NE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:58:GLN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:58:GLN:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:64:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:64:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:64:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:64:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:64:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:64:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:64:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:66:LYS:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:66:LYS:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:66:LYS:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:66:LYS:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:66:LYS:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:66:LYS:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:66:LYS:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:66:LYS:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:66:LYS:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:66:LYS:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:66:LYS:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:66:LYS:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:66:LYS:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:66:LYS:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:66:LYS:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:66:LYS:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:66:LYS:HZ1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:66:LYS:HZ2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:66:LYS:HZ3	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD22	2:B:66:LYS:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:66:LYS:NZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:66:LYS:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:67:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:67:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:67:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:67:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:67:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:67:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:67:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:67:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:67:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:67:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:67:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:67:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:67:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:67:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:68:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:68:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:68:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:68:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:68:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:68:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:68:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:68:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:68:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:68:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:68:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:68:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:70:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:70:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:70:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:70:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:70:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:70:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:70:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:70:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:70:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:70:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:70:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:70:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:70:LEU:HD13	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD22	2:B:70:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:70:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:70:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:70:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:70:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:70:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:72:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:72:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:72:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:72:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:72:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:72:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:72:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:72:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:72:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:72:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:72:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:72:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:72:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:72:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:72:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:72:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:72:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:72:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:72:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:74:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:74:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:74:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:74:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:74:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:74:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:74:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:74:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:74:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:74:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:74:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:74:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:74:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:74:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:74:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:74:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:74:ARG:HH12	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD22	2:B:74:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:74:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:74:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:74:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:74:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:74:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD22	2:B:74:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:6:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:6:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:6:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:6:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:6:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:6:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:6:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:6:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:6:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:6:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:6:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:9:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:9:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:9:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:9:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:9:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:9:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:9:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:9:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:9:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:9:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:9:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:9:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:9:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:9:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:9:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:9:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:9:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:9:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:9:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:10:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:10:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:10:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:10:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:10:THR:H	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD23	2:B:10:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:10:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:10:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:10:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:10:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:10:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:10:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:10:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:10:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:11:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:11:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:11:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:11:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:11:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:11:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:11:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:12:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:12:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:12:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:12:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:12:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:12:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:12:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:12:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:12:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:12:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:12:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:12:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:12:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:12:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:12:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:15:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:15:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:15:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:15:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:15:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:15:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:15:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:16:PRO:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:16:PRO:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:16:PRO:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:16:PRO:CD	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD23	2:B:16:PRO:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:16:PRO:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:16:PRO:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:16:PRO:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:16:PRO:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:16:PRO:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:16:PRO:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:16:PRO:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:16:PRO:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:16:PRO:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:17:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:17:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:17:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:17:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:17:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:17:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:17:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:17:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:17:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:17:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:17:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:17:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:17:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:17:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:17:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:17:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:17:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:17:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:17:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:21:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:21:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:21:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:21:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:21:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:21:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:21:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:21:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:21:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:21:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:21:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:21:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:21:GLU:O	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD23	2:B:21:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:21:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:44:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:44:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:44:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:44:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:44:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:44:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:44:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:44:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:44:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:44:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:44:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:44:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:46:TYR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:46:TYR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:46:TYR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:46:TYR:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:46:TYR:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:46:TYR:CE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:46:TYR:CE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:46:TYR:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:46:TYR:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:46:TYR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:46:TYR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:46:TYR:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:46:TYR:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:46:TYR:HD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:46:TYR:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:46:TYR:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:46:TYR:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:46:TYR:HH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:46:TYR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:46:TYR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:46:TYR:OH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:48:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:48:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:48:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:48:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:48:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:48:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:48:ASN:HB2	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD23	2:B:48:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:48:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:48:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:48:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:48:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:48:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:48:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:49:MET:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:49:MET:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:49:MET:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:49:MET:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:49:MET:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:49:MET:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:49:MET:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:49:MET:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:49:MET:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:49:MET:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:49:MET:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:49:MET:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:49:MET:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:49:MET:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:49:MET:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:49:MET:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:49:MET:SD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:50:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:50:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:50:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:50:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:50:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:50:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:50:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:50:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:50:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:50:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:50:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:50:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:51:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:51:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:51:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:51:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:51:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:51:ILE:CG2	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD23	2:B:51:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:51:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:51:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:51:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:51:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:51:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:51:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:51:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:51:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:51:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:51:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:51:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:51:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:53:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:53:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:53:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:53:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:53:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:53:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:53:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:53:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:53:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:53:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:53:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:53:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:54:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:54:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:54:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:54:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:54:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:54:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:54:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:54:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:54:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:54:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:54:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:55:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:55:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:55:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:55:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:55:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:55:ASN:HA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD23	2:B:55:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:55:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:55:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:55:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:55:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:55:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:55:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:55:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:56:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:56:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:56:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:56:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:56:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:56:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:56:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:56:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:56:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:56:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:56:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:56:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:56:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:56:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:56:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:56:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:56:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:56:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:56:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:56:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:56:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:56:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:56:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:56:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:58:GLN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:58:GLN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:58:GLN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:58:GLN:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:58:GLN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:58:GLN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:58:GLN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:58:GLN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:58:GLN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:58:GLN:HE21	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD23	2:B:58:GLN:HE22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:58:GLN:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:58:GLN:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:58:GLN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:58:GLN:NE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:58:GLN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:58:GLN:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:64:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:64:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:64:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:64:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:64:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:64:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:64:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:66:LYS:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:66:LYS:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:66:LYS:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:66:LYS:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:66:LYS:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:66:LYS:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:66:LYS:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:66:LYS:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:66:LYS:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:66:LYS:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:66:LYS:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:66:LYS:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:66:LYS:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:66:LYS:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:66:LYS:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:66:LYS:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:66:LYS:HZ1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:66:LYS:HZ2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:66:LYS:HZ3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:66:LYS:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:66:LYS:NZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:66:LYS:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:67:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:67:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:67:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:67:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:67:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:67:THR:HA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD23	2:B:67:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:67:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:67:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:67:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:67:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:67:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:67:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:67:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:68:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:68:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:68:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:68:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:68:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:68:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:68:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:68:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:68:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:68:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:68:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:68:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:70:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:70:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:70:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:70:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:70:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:70:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:70:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:70:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:70:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:70:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:70:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:70:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:70:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:70:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:70:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:70:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:70:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:70:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:70:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:72:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:72:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:72:LEU:CB	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HD23	2:B:72:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:72:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:72:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:72:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:72:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:72:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:72:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:72:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:72:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:72:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:72:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:72:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:72:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:72:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:72:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:72:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:74:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:74:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:74:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:74:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:74:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:74:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:74:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:74:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:74:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:74:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:74:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:74:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:74:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:74:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:74:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:74:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:74:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:74:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:74:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:74:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:74:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:74:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:74:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HD23	2:B:74:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:6:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:6:SER:CA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HG	2:B:6:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:6:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:6:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:6:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:6:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:6:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:6:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:6:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:6:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:9:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:9:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:9:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:9:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:9:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:9:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:9:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:9:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:9:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:9:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:9:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:9:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:9:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:9:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:9:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:9:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:9:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:9:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:9:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:10:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:10:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:10:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:10:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:10:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:10:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:10:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:10:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:10:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:10:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:10:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:10:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:10:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:10:THR:OG1	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HG	2:B:11:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:11:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:11:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:11:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:11:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:11:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:11:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:12:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:12:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:12:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:12:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:12:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:12:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:12:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:12:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:12:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:12:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:12:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:12:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:12:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:12:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:12:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:15:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:15:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:15:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:15:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:15:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:15:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:15:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:16:PRO:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:16:PRO:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:16:PRO:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:16:PRO:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:16:PRO:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:16:PRO:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:16:PRO:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:16:PRO:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:16:PRO:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:16:PRO:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:16:PRO:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:16:PRO:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:16:PRO:N	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HG	2:B:16:PRO:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:17:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:17:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:17:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:17:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:17:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:17:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:17:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:17:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:17:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:17:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:17:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:17:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:17:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:17:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:17:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:17:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:17:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:17:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:17:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:21:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:21:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:21:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:21:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:21:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:21:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:21:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:21:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:21:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:21:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:21:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:21:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:21:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:21:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:21:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:44:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:44:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:44:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:44:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:44:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:44:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:44:ASP:HB2	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HG	2:B:44:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:44:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:44:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:44:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:44:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:46:TYR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:46:TYR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:46:TYR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:46:TYR:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:46:TYR:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:46:TYR:CE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:46:TYR:CE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:46:TYR:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:46:TYR:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:46:TYR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:46:TYR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:46:TYR:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:46:TYR:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:46:TYR:HD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:46:TYR:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:46:TYR:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:46:TYR:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:46:TYR:HH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:46:TYR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:46:TYR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:46:TYR:OH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:48:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:48:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:48:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:48:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:48:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:48:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:48:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:48:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:48:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:48:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:48:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:48:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:48:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:48:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:49:MET:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:49:MET:CA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HG	2:B:49:MET:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:49:MET:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:49:MET:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:49:MET:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:49:MET:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:49:MET:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:49:MET:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:49:MET:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:49:MET:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:49:MET:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:49:MET:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:49:MET:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:49:MET:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:49:MET:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:49:MET:SD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:50:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:50:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:50:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:50:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:50:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:50:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:50:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:50:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:50:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:50:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:50:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:50:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:51:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:51:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:51:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:51:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:51:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:51:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:51:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:51:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:51:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:51:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:51:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:51:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:51:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:51:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:51:ILE:HG21	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HG	2:B:51:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:51:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:51:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:51:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:53:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:53:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:53:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:53:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:53:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:53:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:53:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:53:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:53:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:53:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:53:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:53:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:54:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:54:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:54:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:54:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:54:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:54:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:54:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:54:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:54:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:54:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:54:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:55:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:55:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:55:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:55:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:55:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:55:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:55:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:55:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:55:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:55:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:55:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:55:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:55:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:55:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:56:ARG:C	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HG	2:B:56:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:56:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:56:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:56:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:56:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:56:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:56:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:56:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:56:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:56:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:56:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:56:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:56:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:56:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:56:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:56:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:56:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:56:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:56:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:56:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:56:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:56:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:56:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:58:GLN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:58:GLN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:58:GLN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:58:GLN:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:58:GLN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:58:GLN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:58:GLN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:58:GLN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:58:GLN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:58:GLN:HE21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:58:GLN:HE22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:58:GLN:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:58:GLN:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:58:GLN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:58:GLN:NE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:58:GLN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:58:GLN:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:64:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:64:GLY:CA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HG	2:B:64:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:64:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:64:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:64:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:64:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:66:LYS:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:66:LYS:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:66:LYS:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:66:LYS:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:66:LYS:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:66:LYS:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:66:LYS:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:66:LYS:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:66:LYS:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:66:LYS:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:66:LYS:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:66:LYS:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:66:LYS:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:66:LYS:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:66:LYS:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:66:LYS:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:66:LYS:HZ1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:66:LYS:HZ2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:66:LYS:HZ3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:66:LYS:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:66:LYS:NZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:66:LYS:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:67:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:67:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:67:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:67:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:67:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:67:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:67:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:67:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:67:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:67:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:67:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:67:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:67:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:67:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:68:ASP:C	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HG	2:B:68:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:68:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:68:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:68:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:68:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:68:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:68:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:68:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:68:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:68:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:68:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:70:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:70:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:70:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:70:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:70:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:70:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:70:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:70:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:70:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:70:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:70:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:70:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:70:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:70:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:70:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:70:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:70:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:70:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:70:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:72:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:72:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:72:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:72:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:72:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:72:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:72:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:72:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:72:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:72:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:72:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:72:LEU:HD12	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:HG	2:B:72:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:72:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:72:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:72:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:72:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:72:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:72:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:74:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:74:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:74:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:74:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:74:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:74:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:74:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:74:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:74:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:74:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:74:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:74:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:74:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:74:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:74:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:74:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:74:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:74:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:74:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:74:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:74:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:74:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:74:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:HG	2:B:74:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:6:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:6:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:6:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:6:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:6:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:6:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:6:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:6:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:6:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:6:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:6:SER:OG	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:N	2:B:9:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:9:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:9:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:9:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:9:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:9:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:9:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:9:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:9:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:9:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:9:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:9:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:9:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:9:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:9:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:9:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:9:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:9:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:9:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:10:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:10:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:10:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:10:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:10:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:10:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:10:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:10:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:10:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:10:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:10:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:10:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:10:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:10:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:11:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:11:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:11:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:11:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:11:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:11:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:11:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:12:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:12:GLU:CA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:N	2:B:12:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:12:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:12:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:12:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:12:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:12:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:12:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:12:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:12:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:12:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:12:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:12:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:12:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:15:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:15:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:15:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:15:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:15:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:15:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:15:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:16:PRO:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:16:PRO:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:16:PRO:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:16:PRO:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:16:PRO:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:16:PRO:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:16:PRO:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:16:PRO:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:16:PRO:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:16:PRO:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:16:PRO:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:16:PRO:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:16:PRO:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:16:PRO:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:17:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:17:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:17:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:17:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:17:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:17:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:17:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:17:ILE:HA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:N	2:B:17:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:17:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:17:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:17:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:17:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:17:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:17:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:17:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:17:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:17:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:17:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:21:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:21:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:21:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:21:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:21:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:21:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:21:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:21:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:21:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:21:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:21:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:21:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:21:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:21:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:21:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:44:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:44:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:44:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:44:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:44:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:44:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:44:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:44:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:44:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:44:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:44:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:44:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:46:TYR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:46:TYR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:46:TYR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:46:TYR:CD1	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:N	2:B:46:TYR:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:46:TYR:CE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:46:TYR:CE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:46:TYR:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:46:TYR:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:46:TYR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:46:TYR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:46:TYR:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:46:TYR:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:46:TYR:HD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:46:TYR:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:46:TYR:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:46:TYR:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:46:TYR:HH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:46:TYR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:46:TYR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:46:TYR:OH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:48:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:48:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:48:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:48:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:48:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:48:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:48:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:48:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:48:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:48:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:48:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:48:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:48:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:48:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:49:MET:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:49:MET:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:49:MET:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:49:MET:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:49:MET:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:49:MET:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:49:MET:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:49:MET:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:49:MET:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:49:MET:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:49:MET:HE2	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:N	2:B:49:MET:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:49:MET:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:49:MET:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:49:MET:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:49:MET:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:49:MET:SD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:50:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:50:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:50:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:50:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:50:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:50:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:50:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:50:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:50:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:50:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:50:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:50:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:51:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:51:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:51:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:51:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:51:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:51:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:51:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:51:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:51:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:51:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:51:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:51:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:51:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:51:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:51:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:51:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:51:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:51:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:51:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:53:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:53:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:53:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:53:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:53:ASP:H	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:N	2:B:53:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:53:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:53:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:53:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:53:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:53:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:53:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:54:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:54:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:54:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:54:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:54:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:54:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:54:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:54:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:54:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:54:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:54:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:55:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:55:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:55:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:55:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:55:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:55:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:55:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:55:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:55:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:55:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:55:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:55:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:55:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:55:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:56:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:56:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:56:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:56:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:56:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:56:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:56:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:56:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:56:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:56:ARG:HB3	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:N	2:B:56:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:56:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:56:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:56:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:56:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:56:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:56:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:56:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:56:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:56:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:56:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:56:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:56:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:56:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:58:GLN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:58:GLN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:58:GLN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:58:GLN:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:58:GLN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:58:GLN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:58:GLN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:58:GLN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:58:GLN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:58:GLN:HE21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:58:GLN:HE22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:58:GLN:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:58:GLN:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:58:GLN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:58:GLN:NE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:58:GLN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:58:GLN:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:64:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:64:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:64:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:64:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:64:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:64:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:64:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:66:LYS:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:66:LYS:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:66:LYS:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:66:LYS:CD	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:N	2:B:66:LYS:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:66:LYS:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:66:LYS:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:66:LYS:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:66:LYS:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:66:LYS:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:66:LYS:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:66:LYS:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:66:LYS:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:66:LYS:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:66:LYS:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:66:LYS:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:66:LYS:HZ1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:66:LYS:HZ2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:66:LYS:HZ3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:66:LYS:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:66:LYS:NZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:66:LYS:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:67:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:67:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:67:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:67:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:67:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:67:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:67:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:67:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:67:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:67:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:67:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:67:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:67:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:67:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:68:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:68:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:68:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:68:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:68:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:68:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:68:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:68:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:68:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:68:ASP:O	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:N	2:B:68:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:68:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:70:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:70:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:70:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:70:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:70:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:70:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:70:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:70:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:70:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:70:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:70:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:70:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:70:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:70:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:70:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:70:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:70:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:70:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:70:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:72:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:72:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:72:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:72:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:72:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:72:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:72:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:72:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:72:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:72:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:72:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:72:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:72:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:72:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:72:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:72:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:72:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:72:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:72:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:74:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:74:ARG:CA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:N	2:B:74:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:74:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:74:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:74:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:74:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:74:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:74:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:74:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:74:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:74:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:74:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:74:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:74:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:74:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:74:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:74:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:74:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:74:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:74:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:74:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:74:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:N	2:B:74:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:6:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:6:SER:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:6:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:6:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:6:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:6:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:6:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:6:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:6:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:6:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:6:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:9:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:9:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:9:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:9:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:9:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:9:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:9:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:9:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:9:LEU:HB2	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:O	2:B:9:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:9:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:9:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:9:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:9:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:9:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:9:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:9:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:9:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:9:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:10:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:10:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:10:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:10:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:10:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:10:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:10:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:10:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:10:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:10:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:10:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:10:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:10:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:10:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:11:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:11:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:11:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:11:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:11:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:11:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:11:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:12:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:12:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:12:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:12:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:12:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:12:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:12:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:12:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:12:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:12:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:12:GLU:HG3	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:O	2:B:12:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:12:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:12:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:12:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:15:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:15:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:15:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:15:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:15:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:15:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:15:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:16:PRO:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:16:PRO:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:16:PRO:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:16:PRO:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:16:PRO:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:16:PRO:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:16:PRO:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:16:PRO:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:16:PRO:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:16:PRO:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:16:PRO:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:16:PRO:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:16:PRO:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:16:PRO:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:17:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:17:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:17:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:17:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:17:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:17:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:17:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:17:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:17:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:17:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:17:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:17:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:17:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:17:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:17:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:17:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:17:ILE:HG23	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:O	2:B:17:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:17:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:21:GLU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:21:GLU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:21:GLU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:21:GLU:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:21:GLU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:21:GLU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:21:GLU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:21:GLU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:21:GLU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:21:GLU:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:21:GLU:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:21:GLU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:21:GLU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:21:GLU:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:21:GLU:OE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:44:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:44:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:44:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:44:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:44:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:44:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:44:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:44:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:44:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:44:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:44:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:44:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:46:TYR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:46:TYR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:46:TYR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:46:TYR:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:46:TYR:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:46:TYR:CE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:46:TYR:CE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:46:TYR:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:46:TYR:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:46:TYR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:46:TYR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:46:TYR:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:46:TYR:HB3	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:O	2:B:46:TYR:HD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:46:TYR:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:46:TYR:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:46:TYR:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:46:TYR:HH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:46:TYR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:46:TYR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:46:TYR:OH	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:48:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:48:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:48:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:48:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:48:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:48:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:48:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:48:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:48:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:48:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:48:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:48:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:48:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:48:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:49:MET:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:49:MET:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:49:MET:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:49:MET:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:49:MET:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:49:MET:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:49:MET:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:49:MET:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:49:MET:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:49:MET:HE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:49:MET:HE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:49:MET:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:49:MET:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:49:MET:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:49:MET:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:49:MET:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:49:MET:SD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:50:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:50:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:50:ASP:CB	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:O	2:B:50:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:50:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:50:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:50:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:50:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:50:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:50:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:50:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:50:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:51:ILE:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:51:ILE:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:51:ILE:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:51:ILE:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:51:ILE:CG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:51:ILE:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:51:ILE:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:51:ILE:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:51:ILE:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:51:ILE:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:51:ILE:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:51:ILE:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:51:ILE:HG12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:51:ILE:HG13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:51:ILE:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:51:ILE:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:51:ILE:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:51:ILE:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:51:ILE:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:53:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:53:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:53:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:53:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:53:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:53:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:53:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:53:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:53:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:53:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:53:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:53:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:54:SER:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:54:SER:CA	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:O	2:B:54:SER:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:54:SER:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:54:SER:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:54:SER:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:54:SER:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:54:SER:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:54:SER:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:54:SER:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:54:SER:OG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:55:ASN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:55:ASN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:55:ASN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:55:ASN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:55:ASN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:55:ASN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:55:ASN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:55:ASN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:55:ASN:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:55:ASN:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:55:ASN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:55:ASN:ND2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:55:ASN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:55:ASN:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:56:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:56:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:56:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:56:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:56:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:56:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:56:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:56:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:56:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:56:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:56:ARG:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:56:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:56:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:56:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:56:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:56:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:56:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:56:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:56:ARG:HH22	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:O	2:B:56:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:56:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:56:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:56:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:56:ARG:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:58:GLN:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:58:GLN:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:58:GLN:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:58:GLN:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:58:GLN:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:58:GLN:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:58:GLN:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:58:GLN:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:58:GLN:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:58:GLN:HE21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:58:GLN:HE22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:58:GLN:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:58:GLN:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:58:GLN:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:58:GLN:NE2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:58:GLN:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:58:GLN:OE1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:64:GLY:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:64:GLY:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:64:GLY:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:64:GLY:HA2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:64:GLY:HA3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:64:GLY:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:64:GLY:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:66:LYS:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:66:LYS:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:66:LYS:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:66:LYS:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:66:LYS:CE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:66:LYS:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:66:LYS:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:66:LYS:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:66:LYS:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:66:LYS:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:66:LYS:HD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:66:LYS:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:66:LYS:HE2	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:O	2:B:66:LYS:HE3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:66:LYS:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:66:LYS:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:66:LYS:HZ1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:66:LYS:HZ2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:66:LYS:HZ3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:66:LYS:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:66:LYS:NZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:66:LYS:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:67:THR:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:67:THR:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:67:THR:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:67:THR:CG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:67:THR:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:67:THR:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:67:THR:HB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:67:THR:HG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:67:THR:HG21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:67:THR:HG22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:67:THR:HG23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:67:THR:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:67:THR:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:67:THR:OG1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:68:ASP:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:68:ASP:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:68:ASP:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:68:ASP:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:68:ASP:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:68:ASP:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:68:ASP:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:68:ASP:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:68:ASP:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:68:ASP:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:68:ASP:OD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:68:ASP:OD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:70:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:70:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:70:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:70:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:70:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:70:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:70:LEU:H	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:O	2:B:70:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:70:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:70:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:70:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:70:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:70:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:70:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:70:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:70:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:70:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:70:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:70:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:72:LEU:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:72:LEU:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:72:LEU:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:72:LEU:CD1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:72:LEU:CD2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:72:LEU:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:72:LEU:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:72:LEU:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:72:LEU:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:72:LEU:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:72:LEU:HD11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:72:LEU:HD12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:72:LEU:HD13	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:72:LEU:HD21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:72:LEU:HD22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:72:LEU:HD23	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:72:LEU:HG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:72:LEU:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:72:LEU:O	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:74:ARG:C	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:74:ARG:CA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:74:ARG:CB	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:74:ARG:CD	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:74:ARG:CG	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:74:ARG:CZ	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:74:ARG:H	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:74:ARG:HA	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:74:ARG:HB2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:74:ARG:HB3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:74:ARG:HD2	8	0.71	0.21	0.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:A:71:LEU:O	2:B:74:ARG:HD3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:74:ARG:HE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:74:ARG:HG2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:74:ARG:HG3	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:74:ARG:HH11	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:74:ARG:HH12	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:74:ARG:HH21	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:74:ARG:HH22	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:74:ARG:N	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:74:ARG:NE	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:74:ARG:NH1	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:74:ARG:NH2	8	0.71	0.21	0.64
(1,9)	1:A:71:LEU:O	2:B:74:ARG:O	8	0.71	0.21	0.64
(1,7)	1:A:49:GLN:C	2:B:6:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:6:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:6:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:6:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:6:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:6:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:6:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:6:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:6:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:6:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:6:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:9:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:9:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:9:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:9:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:9:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:9:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:9:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:9:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:9:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:9:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:9:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:9:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:9:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:9:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:9:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:9:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:9:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:9:LEU:N	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:C	2:B:9:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:10:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:10:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:10:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:10:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:10:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:10:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:10:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:10:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:10:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:10:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:10:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:10:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:10:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:10:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:11:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:11:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:11:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:11:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:11:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:11:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:11:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:12:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:12:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:12:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:12:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:12:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:12:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:12:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:12:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:12:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:12:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:12:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:12:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:12:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:12:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:12:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:15:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:15:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:15:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:15:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:15:GLY:HA3	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:C	2:B:15:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:15:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:16:PRO:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:16:PRO:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:16:PRO:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:16:PRO:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:16:PRO:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:16:PRO:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:16:PRO:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:16:PRO:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:16:PRO:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:16:PRO:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:16:PRO:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:16:PRO:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:16:PRO:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:16:PRO:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:17:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:17:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:17:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:17:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:17:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:17:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:17:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:17:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:17:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:17:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:17:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:17:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:17:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:17:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:17:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:17:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:17:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:17:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:17:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:21:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:21:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:21:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:21:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:21:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:21:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:21:GLU:HA	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:C	2:B:21:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:21:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:21:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:21:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:21:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:21:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:21:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:21:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:44:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:44:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:44:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:44:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:44:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:44:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:44:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:44:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:44:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:44:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:44:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:44:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:46:TYR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:46:TYR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:46:TYR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:46:TYR:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:46:TYR:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:46:TYR:CE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:46:TYR:CE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:46:TYR:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:46:TYR:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:46:TYR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:46:TYR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:46:TYR:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:46:TYR:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:46:TYR:HD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:46:TYR:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:46:TYR:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:46:TYR:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:46:TYR:HH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:46:TYR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:46:TYR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:46:TYR:OH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:48:ASN:C	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:C	2:B:48:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:48:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:48:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:48:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:48:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:48:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:48:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:48:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:48:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:48:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:48:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:48:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:48:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:49:MET:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:49:MET:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:49:MET:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:49:MET:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:49:MET:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:49:MET:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:49:MET:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:49:MET:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:49:MET:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:49:MET:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:49:MET:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:49:MET:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:49:MET:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:49:MET:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:49:MET:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:49:MET:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:49:MET:SD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:50:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:50:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:50:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:50:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:50:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:50:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:50:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:50:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:50:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:50:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:50:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:50:ASP:OD2	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:C	2:B:51:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:51:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:51:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:51:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:51:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:51:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:51:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:51:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:51:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:51:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:51:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:51:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:51:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:51:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:51:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:51:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:51:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:51:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:51:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:53:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:53:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:53:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:53:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:53:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:53:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:53:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:53:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:53:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:53:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:53:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:53:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:54:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:54:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:54:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:54:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:54:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:54:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:54:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:54:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:54:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:54:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:54:SER:OG	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:C	2:B:55:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:55:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:55:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:55:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:55:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:55:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:55:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:55:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:55:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:55:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:55:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:55:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:55:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:55:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:56:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:56:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:56:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:56:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:56:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:56:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:56:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:56:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:56:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:56:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:56:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:56:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:56:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:56:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:56:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:56:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:56:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:56:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:56:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:56:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:56:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:56:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:56:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:56:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:58:GLN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:58:GLN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:58:GLN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:58:GLN:CD	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:C	2:B:58:GLN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:58:GLN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:58:GLN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:58:GLN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:58:GLN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:58:GLN:HE21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:58:GLN:HE22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:58:GLN:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:58:GLN:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:58:GLN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:58:GLN:NE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:58:GLN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:58:GLN:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:64:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:64:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:64:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:64:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:64:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:64:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:64:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:66:LYS:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:66:LYS:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:66:LYS:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:66:LYS:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:66:LYS:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:66:LYS:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:66:LYS:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:66:LYS:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:66:LYS:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:66:LYS:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:66:LYS:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:66:LYS:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:66:LYS:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:66:LYS:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:66:LYS:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:66:LYS:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:66:LYS:HZ1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:66:LYS:HZ2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:66:LYS:HZ3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:66:LYS:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:66:LYS:NZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:66:LYS:O	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:C	2:B:67:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:67:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:67:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:67:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:67:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:67:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:67:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:67:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:67:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:67:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:67:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:67:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:67:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:67:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:68:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:68:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:68:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:68:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:68:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:68:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:68:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:68:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:68:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:68:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:68:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:68:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:70:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:70:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:70:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:70:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:70:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:70:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:70:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:70:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:70:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:70:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:70:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:70:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:70:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:70:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:70:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:70:LEU:HD23	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:C	2:B:70:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:70:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:70:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:72:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:72:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:72:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:72:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:72:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:72:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:72:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:72:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:72:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:72:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:72:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:72:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:72:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:72:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:72:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:72:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:72:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:72:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:72:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:74:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:74:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:74:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:74:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:74:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:74:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:74:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:74:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:74:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:74:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:74:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:74:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:74:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:74:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:74:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:74:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:74:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:74:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:74:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:74:ARG:N	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:C	2:B:74:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:74:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:74:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:C	2:B:74:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:6:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:6:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:6:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:6:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:6:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:6:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:6:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:6:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:6:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:6:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:6:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:9:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:9:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:9:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:9:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:9:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:9:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:9:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:9:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:9:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:9:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:9:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:9:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:9:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:9:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:9:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:9:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:9:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:9:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:9:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:10:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:10:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:10:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:10:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:10:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:10:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:10:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:10:THR:HG1	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CA	2:B:10:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:10:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:10:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:10:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:10:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:10:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:11:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:11:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:11:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:11:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:11:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:11:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:11:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:12:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:12:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:12:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:12:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:12:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:12:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:12:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:12:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:12:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:12:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:12:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:12:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:12:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:12:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:12:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:15:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:15:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:15:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:15:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:15:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:15:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:15:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:16:PRO:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:16:PRO:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:16:PRO:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:16:PRO:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:16:PRO:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:16:PRO:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:16:PRO:HB2	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CA	2:B:16:PRO:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:16:PRO:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:16:PRO:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:16:PRO:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:16:PRO:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:16:PRO:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:16:PRO:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:17:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:17:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:17:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:17:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:17:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:17:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:17:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:17:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:17:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:17:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:17:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:17:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:17:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:17:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:17:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:17:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:17:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:17:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:17:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:21:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:21:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:21:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:21:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:21:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:21:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:21:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:21:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:21:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:21:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:21:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:21:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:21:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:21:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:21:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:44:ASP:C	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CA	2:B:44:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:44:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:44:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:44:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:44:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:44:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:44:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:44:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:44:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:44:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:44:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:46:TYR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:46:TYR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:46:TYR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:46:TYR:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:46:TYR:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:46:TYR:CE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:46:TYR:CE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:46:TYR:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:46:TYR:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:46:TYR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:46:TYR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:46:TYR:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:46:TYR:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:46:TYR:HD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:46:TYR:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:46:TYR:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:46:TYR:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:46:TYR:HH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:46:TYR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:46:TYR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:46:TYR:OH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:48:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:48:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:48:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:48:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:48:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:48:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:48:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:48:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:48:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:48:ASN:HD22	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CA	2:B:48:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:48:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:48:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:48:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:49:MET:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:49:MET:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:49:MET:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:49:MET:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:49:MET:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:49:MET:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:49:MET:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:49:MET:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:49:MET:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:49:MET:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:49:MET:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:49:MET:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:49:MET:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:49:MET:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:49:MET:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:49:MET:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:49:MET:SD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:50:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:50:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:50:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:50:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:50:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:50:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:50:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:50:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:50:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:50:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:50:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:50:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:51:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:51:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:51:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:51:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:51:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:51:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:51:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:51:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:51:ILE:HB	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CA	2:B:51:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:51:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:51:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:51:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:51:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:51:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:51:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:51:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:51:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:51:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:53:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:53:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:53:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:53:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:53:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:53:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:53:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:53:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:53:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:53:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:53:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:53:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:54:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:54:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:54:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:54:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:54:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:54:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:54:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:54:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:54:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:54:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:54:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:55:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:55:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:55:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:55:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:55:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:55:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:55:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:55:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:55:ASN:HD21	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CA	2:B:55:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:55:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:55:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:55:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:55:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:56:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:56:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:56:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:56:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:56:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:56:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:56:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:56:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:56:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:56:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:56:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:56:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:56:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:56:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:56:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:56:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:56:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:56:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:56:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:56:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:56:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:56:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:56:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:56:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:58:GLN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:58:GLN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:58:GLN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:58:GLN:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:58:GLN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:58:GLN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:58:GLN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:58:GLN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:58:GLN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:58:GLN:HE21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:58:GLN:HE22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:58:GLN:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:58:GLN:HG3	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CA	2:B:58:GLN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:58:GLN:NE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:58:GLN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:58:GLN:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:64:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:64:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:64:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:64:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:64:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:64:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:64:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:66:LYS:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:66:LYS:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:66:LYS:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:66:LYS:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:66:LYS:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:66:LYS:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:66:LYS:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:66:LYS:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:66:LYS:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:66:LYS:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:66:LYS:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:66:LYS:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:66:LYS:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:66:LYS:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:66:LYS:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:66:LYS:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:66:LYS:HZ1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:66:LYS:HZ2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:66:LYS:HZ3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:66:LYS:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:66:LYS:NZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:66:LYS:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:67:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:67:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:67:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:67:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:67:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:67:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:67:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:67:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:67:THR:HG21	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CA	2:B:67:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:67:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:67:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:67:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:67:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:68:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:68:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:68:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:68:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:68:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:68:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:68:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:68:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:68:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:68:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:68:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:68:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:70:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:70:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:70:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:70:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:70:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:70:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:70:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:70:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:70:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:70:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:70:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:70:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:70:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:70:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:70:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:70:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:70:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:70:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:70:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:72:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:72:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:72:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:72:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:72:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:72:LEU:CG	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CA	2:B:72:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:72:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:72:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:72:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:72:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:72:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:72:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:72:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:72:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:72:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:72:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:72:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:72:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:74:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:74:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:74:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:74:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:74:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:74:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:74:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:74:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:74:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:74:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:74:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:74:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:74:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:74:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:74:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:74:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:74:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:74:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:74:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:74:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:74:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:74:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:74:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CA	2:B:74:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:6:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:6:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:6:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:6:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:6:SER:HA	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CB	2:B:6:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:6:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:6:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:6:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:6:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:6:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:9:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:9:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:9:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:9:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:9:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:9:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:9:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:9:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:9:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:9:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:9:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:9:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:9:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:9:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:9:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:9:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:9:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:9:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:9:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:10:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:10:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:10:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:10:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:10:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:10:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:10:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:10:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:10:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:10:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:10:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:10:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:10:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:10:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:11:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:11:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:11:GLY:H	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CB	2:B:11:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:11:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:11:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:11:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:12:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:12:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:12:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:12:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:12:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:12:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:12:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:12:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:12:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:12:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:12:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:12:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:12:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:12:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:12:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:15:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:15:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:15:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:15:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:15:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:15:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:15:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:16:PRO:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:16:PRO:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:16:PRO:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:16:PRO:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:16:PRO:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:16:PRO:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:16:PRO:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:16:PRO:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:16:PRO:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:16:PRO:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:16:PRO:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:16:PRO:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:16:PRO:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:16:PRO:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:17:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:17:ILE:CA	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CB	2:B:17:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:17:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:17:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:17:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:17:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:17:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:17:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:17:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:17:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:17:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:17:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:17:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:17:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:17:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:17:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:17:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:17:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:21:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:21:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:21:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:21:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:21:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:21:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:21:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:21:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:21:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:21:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:21:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:21:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:21:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:21:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:21:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:44:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:44:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:44:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:44:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:44:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:44:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:44:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:44:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:44:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:44:ASP:O	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CB	2:B:44:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:44:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:46:TYR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:46:TYR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:46:TYR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:46:TYR:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:46:TYR:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:46:TYR:CE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:46:TYR:CE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:46:TYR:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:46:TYR:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:46:TYR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:46:TYR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:46:TYR:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:46:TYR:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:46:TYR:HD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:46:TYR:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:46:TYR:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:46:TYR:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:46:TYR:HH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:46:TYR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:46:TYR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:46:TYR:OH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:48:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:48:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:48:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:48:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:48:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:48:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:48:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:48:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:48:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:48:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:48:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:48:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:48:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:48:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:49:MET:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:49:MET:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:49:MET:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:49:MET:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:49:MET:CG	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CB	2:B:49:MET:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:49:MET:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:49:MET:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:49:MET:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:49:MET:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:49:MET:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:49:MET:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:49:MET:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:49:MET:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:49:MET:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:49:MET:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:49:MET:SD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:50:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:50:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:50:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:50:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:50:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:50:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:50:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:50:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:50:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:50:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:50:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:50:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:51:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:51:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:51:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:51:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:51:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:51:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:51:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:51:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:51:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:51:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:51:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:51:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:51:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:51:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:51:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:51:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:51:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:51:ILE:N	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CB	2:B:51:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:53:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:53:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:53:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:53:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:53:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:53:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:53:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:53:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:53:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:53:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:53:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:53:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:54:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:54:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:54:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:54:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:54:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:54:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:54:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:54:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:54:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:54:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:54:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:55:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:55:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:55:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:55:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:55:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:55:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:55:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:55:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:55:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:55:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:55:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:55:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:55:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:55:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:56:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:56:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:56:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:56:ARG:CD	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CB	2:B:56:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:56:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:56:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:56:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:56:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:56:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:56:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:56:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:56:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:56:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:56:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:56:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:56:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:56:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:56:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:56:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:56:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:56:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:56:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:56:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:58:GLN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:58:GLN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:58:GLN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:58:GLN:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:58:GLN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:58:GLN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:58:GLN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:58:GLN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:58:GLN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:58:GLN:HE21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:58:GLN:HE22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:58:GLN:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:58:GLN:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:58:GLN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:58:GLN:NE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:58:GLN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:58:GLN:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:64:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:64:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:64:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:64:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:64:GLY:HA3	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CB	2:B:64:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:64:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:66:LYS:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:66:LYS:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:66:LYS:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:66:LYS:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:66:LYS:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:66:LYS:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:66:LYS:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:66:LYS:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:66:LYS:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:66:LYS:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:66:LYS:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:66:LYS:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:66:LYS:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:66:LYS:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:66:LYS:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:66:LYS:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:66:LYS:HZ1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:66:LYS:HZ2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:66:LYS:HZ3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:66:LYS:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:66:LYS:NZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:66:LYS:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:67:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:67:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:67:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:67:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:67:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:67:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:67:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:67:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:67:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:67:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:67:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:67:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:67:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:67:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:68:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:68:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:68:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:68:ASP:CG	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CB	2:B:68:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:68:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:68:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:68:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:68:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:68:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:68:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:68:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:70:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:70:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:70:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:70:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:70:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:70:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:70:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:70:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:70:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:70:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:70:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:70:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:70:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:70:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:70:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:70:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:70:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:70:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:70:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:72:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:72:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:72:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:72:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:72:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:72:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:72:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:72:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:72:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:72:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:72:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:72:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:72:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:72:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:72:LEU:HD22	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CB	2:B:72:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:72:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:72:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:72:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:74:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:74:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:74:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:74:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:74:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:74:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:74:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:74:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:74:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:74:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:74:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:74:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:74:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:74:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:74:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:74:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:74:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:74:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:74:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:74:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:74:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:74:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:74:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CB	2:B:74:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:6:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:6:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:6:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:6:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:6:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:6:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:6:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:6:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:6:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:6:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:6:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:9:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:9:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:9:LEU:CB	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CD	2:B:9:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:9:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:9:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:9:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:9:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:9:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:9:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:9:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:9:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:9:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:9:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:9:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:9:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:9:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:9:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:9:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:10:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:10:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:10:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:10:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:10:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:10:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:10:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:10:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:10:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:10:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:10:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:10:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:10:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:10:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:11:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:11:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:11:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:11:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:11:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:11:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:11:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:12:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:12:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:12:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:12:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:12:GLU:CG	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CD	2:B:12:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:12:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:12:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:12:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:12:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:12:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:12:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:12:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:12:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:12:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:15:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:15:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:15:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:15:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:15:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:15:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:15:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:16:PRO:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:16:PRO:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:16:PRO:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:16:PRO:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:16:PRO:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:16:PRO:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:16:PRO:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:16:PRO:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:16:PRO:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:16:PRO:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:16:PRO:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:16:PRO:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:16:PRO:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:16:PRO:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:17:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:17:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:17:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:17:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:17:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:17:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:17:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:17:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:17:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:17:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:17:ILE:HD12	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CD	2:B:17:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:17:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:17:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:17:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:17:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:17:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:17:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:17:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:21:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:21:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:21:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:21:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:21:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:21:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:21:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:21:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:21:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:21:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:21:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:21:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:21:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:21:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:21:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:44:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:44:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:44:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:44:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:44:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:44:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:44:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:44:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:44:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:44:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:44:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:44:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:46:TYR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:46:TYR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:46:TYR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:46:TYR:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:46:TYR:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:46:TYR:CE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:46:TYR:CE2	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CD	2:B:46:TYR:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:46:TYR:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:46:TYR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:46:TYR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:46:TYR:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:46:TYR:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:46:TYR:HD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:46:TYR:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:46:TYR:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:46:TYR:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:46:TYR:HH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:46:TYR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:46:TYR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:46:TYR:OH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:48:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:48:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:48:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:48:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:48:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:48:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:48:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:48:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:48:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:48:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:48:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:48:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:48:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:48:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:49:MET:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:49:MET:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:49:MET:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:49:MET:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:49:MET:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:49:MET:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:49:MET:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:49:MET:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:49:MET:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:49:MET:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:49:MET:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:49:MET:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:49:MET:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:49:MET:HG3	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CD	2:B:49:MET:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:49:MET:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:49:MET:SD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:50:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:50:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:50:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:50:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:50:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:50:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:50:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:50:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:50:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:50:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:50:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:50:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:51:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:51:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:51:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:51:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:51:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:51:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:51:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:51:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:51:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:51:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:51:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:51:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:51:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:51:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:51:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:51:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:51:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:51:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:51:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:53:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:53:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:53:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:53:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:53:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:53:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:53:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:53:ASP:HB3	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CD	2:B:53:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:53:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:53:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:53:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:54:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:54:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:54:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:54:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:54:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:54:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:54:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:54:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:54:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:54:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:54:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:55:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:55:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:55:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:55:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:55:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:55:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:55:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:55:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:55:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:55:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:55:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:55:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:55:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:55:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:56:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:56:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:56:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:56:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:56:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:56:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:56:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:56:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:56:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:56:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:56:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:56:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:56:ARG:HE	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CD	2:B:56:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:56:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:56:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:56:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:56:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:56:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:56:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:56:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:56:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:56:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:56:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:58:GLN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:58:GLN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:58:GLN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:58:GLN:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:58:GLN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:58:GLN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:58:GLN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:58:GLN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:58:GLN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:58:GLN:HE21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:58:GLN:HE22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:58:GLN:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:58:GLN:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:58:GLN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:58:GLN:NE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:58:GLN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:58:GLN:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:64:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:64:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:64:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:64:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:64:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:64:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:64:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:66:LYS:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:66:LYS:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:66:LYS:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:66:LYS:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:66:LYS:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:66:LYS:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:66:LYS:H	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CD	2:B:66:LYS:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:66:LYS:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:66:LYS:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:66:LYS:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:66:LYS:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:66:LYS:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:66:LYS:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:66:LYS:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:66:LYS:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:66:LYS:HZ1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:66:LYS:HZ2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:66:LYS:HZ3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:66:LYS:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:66:LYS:NZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:66:LYS:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:67:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:67:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:67:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:67:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:67:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:67:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:67:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:67:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:67:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:67:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:67:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:67:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:67:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:67:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:68:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:68:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:68:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:68:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:68:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:68:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:68:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:68:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:68:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:68:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:68:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:68:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:70:LEU:C	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CD	2:B:70:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:70:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:70:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:70:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:70:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:70:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:70:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:70:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:70:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:70:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:70:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:70:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:70:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:70:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:70:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:70:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:70:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:70:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:72:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:72:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:72:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:72:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:72:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:72:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:72:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:72:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:72:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:72:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:72:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:72:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:72:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:72:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:72:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:72:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:72:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:72:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:72:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:74:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:74:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:74:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:74:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:74:ARG:CG	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CD	2:B:74:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:74:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:74:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:74:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:74:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:74:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:74:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:74:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:74:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:74:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:74:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:74:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:74:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:74:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:74:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:74:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:74:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:74:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CD	2:B:74:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:6:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:6:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:6:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:6:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:6:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:6:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:6:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:6:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:6:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:6:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:6:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:9:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:9:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:9:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:9:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:9:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:9:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:9:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:9:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:9:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:9:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:9:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:9:LEU:HD12	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CG	2:B:9:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:9:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:9:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:9:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:9:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:9:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:9:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:10:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:10:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:10:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:10:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:10:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:10:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:10:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:10:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:10:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:10:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:10:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:10:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:10:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:10:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:11:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:11:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:11:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:11:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:11:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:11:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:11:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:12:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:12:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:12:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:12:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:12:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:12:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:12:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:12:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:12:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:12:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:12:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:12:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:12:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:12:GLU:OE1	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CG	2:B:12:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:15:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:15:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:15:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:15:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:15:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:15:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:15:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:16:PRO:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:16:PRO:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:16:PRO:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:16:PRO:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:16:PRO:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:16:PRO:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:16:PRO:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:16:PRO:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:16:PRO:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:16:PRO:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:16:PRO:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:16:PRO:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:16:PRO:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:16:PRO:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:17:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:17:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:17:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:17:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:17:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:17:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:17:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:17:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:17:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:17:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:17:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:17:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:17:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:17:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:17:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:17:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:17:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:17:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:17:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:21:GLU:C	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CG	2:B:21:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:21:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:21:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:21:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:21:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:21:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:21:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:21:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:21:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:21:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:21:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:21:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:21:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:21:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:44:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:44:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:44:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:44:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:44:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:44:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:44:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:44:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:44:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:44:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:44:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:44:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:46:TYR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:46:TYR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:46:TYR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:46:TYR:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:46:TYR:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:46:TYR:CE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:46:TYR:CE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:46:TYR:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:46:TYR:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:46:TYR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:46:TYR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:46:TYR:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:46:TYR:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:46:TYR:HD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:46:TYR:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:46:TYR:HE1	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CG	2:B:46:TYR:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:46:TYR:HH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:46:TYR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:46:TYR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:46:TYR:OH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:48:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:48:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:48:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:48:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:48:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:48:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:48:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:48:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:48:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:48:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:48:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:48:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:48:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:48:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:49:MET:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:49:MET:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:49:MET:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:49:MET:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:49:MET:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:49:MET:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:49:MET:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:49:MET:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:49:MET:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:49:MET:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:49:MET:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:49:MET:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:49:MET:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:49:MET:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:49:MET:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:49:MET:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:49:MET:SD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:50:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:50:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:50:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:50:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:50:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:50:ASP:HA	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CG	2:B:50:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:50:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:50:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:50:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:50:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:50:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:51:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:51:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:51:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:51:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:51:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:51:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:51:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:51:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:51:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:51:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:51:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:51:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:51:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:51:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:51:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:51:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:51:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:51:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:51:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:53:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:53:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:53:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:53:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:53:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:53:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:53:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:53:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:53:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:53:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:53:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:53:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:54:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:54:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:54:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:54:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:54:SER:HA	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CG	2:B:54:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:54:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:54:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:54:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:54:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:54:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:55:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:55:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:55:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:55:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:55:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:55:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:55:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:55:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:55:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:55:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:55:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:55:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:55:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:55:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:56:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:56:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:56:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:56:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:56:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:56:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:56:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:56:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:56:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:56:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:56:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:56:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:56:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:56:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:56:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:56:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:56:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:56:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:56:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:56:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:56:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:56:ARG:NH1	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CG	2:B:56:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:56:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:58:GLN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:58:GLN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:58:GLN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:58:GLN:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:58:GLN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:58:GLN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:58:GLN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:58:GLN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:58:GLN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:58:GLN:HE21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:58:GLN:HE22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:58:GLN:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:58:GLN:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:58:GLN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:58:GLN:NE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:58:GLN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:58:GLN:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:64:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:64:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:64:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:64:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:64:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:64:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:64:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:66:LYS:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:66:LYS:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:66:LYS:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:66:LYS:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:66:LYS:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:66:LYS:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:66:LYS:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:66:LYS:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:66:LYS:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:66:LYS:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:66:LYS:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:66:LYS:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:66:LYS:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:66:LYS:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:66:LYS:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:66:LYS:HG3	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CG	2:B:66:LYS:HZ1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:66:LYS:HZ2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:66:LYS:HZ3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:66:LYS:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:66:LYS:NZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:66:LYS:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:67:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:67:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:67:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:67:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:67:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:67:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:67:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:67:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:67:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:67:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:67:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:67:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:67:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:67:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:68:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:68:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:68:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:68:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:68:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:68:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:68:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:68:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:68:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:68:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:68:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:68:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:70:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:70:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:70:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:70:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:70:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:70:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:70:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:70:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:70:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:70:LEU:HB3	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CG	2:B:70:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:70:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:70:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:70:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:70:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:70:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:70:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:70:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:70:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:72:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:72:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:72:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:72:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:72:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:72:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:72:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:72:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:72:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:72:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:72:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:72:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:72:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:72:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:72:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:72:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:72:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:72:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:72:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:74:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:74:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:74:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:74:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:74:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:74:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:74:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:74:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:74:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:74:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:74:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:74:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:74:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:74:ARG:HG2	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:CG	2:B:74:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:74:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:74:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:74:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:74:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:74:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:74:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:74:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:74:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:CG	2:B:74:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:6:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:6:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:6:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:6:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:6:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:6:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:6:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:6:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:6:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:6:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:6:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:9:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:9:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:9:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:9:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:9:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:9:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:9:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:9:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:9:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:9:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:9:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:9:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:9:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:9:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:9:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:9:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:9:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:9:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:9:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:10:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:10:THR:CA	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:H	2:B:10:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:10:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:10:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:10:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:10:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:10:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:10:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:10:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:10:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:10:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:10:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:10:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:11:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:11:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:11:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:11:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:11:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:11:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:11:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:12:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:12:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:12:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:12:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:12:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:12:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:12:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:12:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:12:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:12:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:12:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:12:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:12:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:12:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:12:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:15:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:15:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:15:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:15:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:15:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:15:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:15:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:16:PRO:C	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:H	2:B:16:PRO:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:16:PRO:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:16:PRO:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:16:PRO:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:16:PRO:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:16:PRO:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:16:PRO:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:16:PRO:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:16:PRO:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:16:PRO:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:16:PRO:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:16:PRO:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:16:PRO:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:17:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:17:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:17:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:17:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:17:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:17:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:17:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:17:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:17:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:17:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:17:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:17:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:17:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:17:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:17:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:17:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:17:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:17:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:17:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:21:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:21:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:21:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:21:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:21:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:21:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:21:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:21:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:21:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:21:GLU:HG2	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:H	2:B:21:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:21:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:21:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:21:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:21:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:44:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:44:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:44:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:44:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:44:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:44:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:44:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:44:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:44:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:44:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:44:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:44:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:46:TYR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:46:TYR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:46:TYR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:46:TYR:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:46:TYR:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:46:TYR:CE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:46:TYR:CE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:46:TYR:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:46:TYR:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:46:TYR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:46:TYR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:46:TYR:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:46:TYR:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:46:TYR:HD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:46:TYR:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:46:TYR:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:46:TYR:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:46:TYR:HH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:46:TYR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:46:TYR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:46:TYR:OH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:48:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:48:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:48:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:48:ASN:CG	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:H	2:B:48:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:48:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:48:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:48:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:48:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:48:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:48:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:48:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:48:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:48:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:49:MET:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:49:MET:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:49:MET:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:49:MET:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:49:MET:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:49:MET:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:49:MET:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:49:MET:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:49:MET:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:49:MET:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:49:MET:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:49:MET:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:49:MET:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:49:MET:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:49:MET:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:49:MET:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:49:MET:SD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:50:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:50:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:50:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:50:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:50:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:50:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:50:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:50:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:50:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:50:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:50:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:50:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:51:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:51:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:51:ILE:CB	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:H	2:B:51:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:51:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:51:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:51:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:51:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:51:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:51:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:51:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:51:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:51:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:51:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:51:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:51:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:51:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:51:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:51:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:53:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:53:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:53:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:53:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:53:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:53:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:53:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:53:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:53:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:53:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:53:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:53:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:54:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:54:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:54:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:54:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:54:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:54:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:54:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:54:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:54:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:54:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:54:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:55:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:55:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:55:ASN:CB	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:H	2:B:55:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:55:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:55:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:55:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:55:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:55:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:55:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:55:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:55:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:55:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:55:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:56:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:56:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:56:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:56:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:56:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:56:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:56:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:56:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:56:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:56:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:56:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:56:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:56:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:56:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:56:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:56:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:56:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:56:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:56:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:56:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:56:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:56:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:56:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:56:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:58:GLN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:58:GLN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:58:GLN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:58:GLN:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:58:GLN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:58:GLN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:58:GLN:HA	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:H	2:B:58:GLN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:58:GLN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:58:GLN:HE21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:58:GLN:HE22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:58:GLN:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:58:GLN:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:58:GLN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:58:GLN:NE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:58:GLN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:58:GLN:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:64:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:64:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:64:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:64:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:64:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:64:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:64:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:66:LYS:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:66:LYS:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:66:LYS:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:66:LYS:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:66:LYS:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:66:LYS:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:66:LYS:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:66:LYS:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:66:LYS:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:66:LYS:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:66:LYS:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:66:LYS:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:66:LYS:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:66:LYS:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:66:LYS:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:66:LYS:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:66:LYS:HZ1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:66:LYS:HZ2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:66:LYS:HZ3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:66:LYS:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:66:LYS:NZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:66:LYS:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:67:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:67:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:67:THR:CB	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:H	2:B:67:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:67:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:67:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:67:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:67:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:67:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:67:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:67:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:67:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:67:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:67:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:68:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:68:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:68:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:68:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:68:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:68:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:68:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:68:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:68:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:68:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:68:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:68:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:70:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:70:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:70:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:70:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:70:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:70:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:70:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:70:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:70:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:70:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:70:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:70:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:70:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:70:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:70:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:70:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:70:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:70:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:70:LEU:O	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:H	2:B:72:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:72:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:72:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:72:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:72:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:72:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:72:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:72:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:72:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:72:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:72:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:72:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:72:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:72:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:72:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:72:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:72:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:72:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:72:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:74:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:74:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:74:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:74:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:74:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:74:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:74:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:74:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:74:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:74:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:74:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:74:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:74:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:74:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:74:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:74:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:74:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:74:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:74:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:74:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:74:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:74:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:H	2:B:74:ARG:NH2	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:H	2:B:74:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:6:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:6:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:6:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:6:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:6:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:6:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:6:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:6:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:6:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:6:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:6:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:9:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:9:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:9:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:9:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:9:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:9:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:9:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:9:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:9:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:9:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:9:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:9:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:9:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:9:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:9:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:9:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:9:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:9:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:9:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:10:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:10:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:10:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:10:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:10:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:10:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:10:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:10:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:10:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:10:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:10:THR:HG23	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HA	2:B:10:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:10:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:10:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:11:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:11:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:11:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:11:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:11:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:11:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:11:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:12:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:12:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:12:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:12:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:12:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:12:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:12:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:12:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:12:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:12:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:12:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:12:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:12:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:12:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:12:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:15:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:15:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:15:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:15:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:15:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:15:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:15:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:16:PRO:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:16:PRO:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:16:PRO:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:16:PRO:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:16:PRO:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:16:PRO:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:16:PRO:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:16:PRO:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:16:PRO:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:16:PRO:HD3	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HA	2:B:16:PRO:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:16:PRO:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:16:PRO:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:16:PRO:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:17:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:17:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:17:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:17:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:17:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:17:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:17:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:17:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:17:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:17:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:17:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:17:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:17:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:17:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:17:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:17:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:17:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:17:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:17:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:21:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:21:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:21:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:21:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:21:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:21:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:21:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:21:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:21:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:21:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:21:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:21:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:21:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:21:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:21:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:44:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:44:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:44:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:44:ASP:CG	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HA	2:B:44:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:44:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:44:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:44:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:44:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:44:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:44:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:44:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:46:TYR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:46:TYR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:46:TYR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:46:TYR:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:46:TYR:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:46:TYR:CE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:46:TYR:CE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:46:TYR:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:46:TYR:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:46:TYR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:46:TYR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:46:TYR:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:46:TYR:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:46:TYR:HD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:46:TYR:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:46:TYR:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:46:TYR:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:46:TYR:HH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:46:TYR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:46:TYR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:46:TYR:OH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:48:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:48:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:48:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:48:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:48:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:48:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:48:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:48:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:48:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:48:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:48:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:48:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:48:ASN:O	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HA	2:B:48:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:49:MET:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:49:MET:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:49:MET:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:49:MET:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:49:MET:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:49:MET:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:49:MET:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:49:MET:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:49:MET:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:49:MET:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:49:MET:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:49:MET:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:49:MET:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:49:MET:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:49:MET:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:49:MET:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:49:MET:SD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:50:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:50:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:50:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:50:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:50:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:50:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:50:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:50:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:50:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:50:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:50:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:50:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:51:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:51:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:51:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:51:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:51:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:51:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:51:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:51:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:51:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:51:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:51:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:51:ILE:HD13	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HA	2:B:51:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:51:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:51:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:51:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:51:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:51:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:51:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:53:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:53:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:53:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:53:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:53:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:53:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:53:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:53:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:53:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:53:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:53:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:53:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:54:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:54:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:54:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:54:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:54:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:54:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:54:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:54:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:54:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:54:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:54:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:55:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:55:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:55:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:55:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:55:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:55:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:55:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:55:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:55:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:55:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:55:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:55:ASN:ND2	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HA	2:B:55:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:55:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:56:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:56:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:56:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:56:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:56:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:56:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:56:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:56:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:56:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:56:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:56:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:56:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:56:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:56:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:56:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:56:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:56:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:56:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:56:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:56:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:56:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:56:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:56:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:56:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:58:GLN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:58:GLN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:58:GLN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:58:GLN:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:58:GLN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:58:GLN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:58:GLN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:58:GLN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:58:GLN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:58:GLN:HE21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:58:GLN:HE22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:58:GLN:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:58:GLN:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:58:GLN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:58:GLN:NE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:58:GLN:O	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HA	2:B:58:GLN:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:64:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:64:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:64:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:64:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:64:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:64:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:64:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:66:LYS:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:66:LYS:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:66:LYS:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:66:LYS:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:66:LYS:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:66:LYS:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:66:LYS:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:66:LYS:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:66:LYS:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:66:LYS:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:66:LYS:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:66:LYS:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:66:LYS:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:66:LYS:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:66:LYS:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:66:LYS:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:66:LYS:HZ1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:66:LYS:HZ2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:66:LYS:HZ3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:66:LYS:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:66:LYS:NZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:66:LYS:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:67:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:67:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:67:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:67:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:67:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:67:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:67:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:67:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:67:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:67:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:67:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:67:THR:N	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HA	2:B:67:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:67:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:68:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:68:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:68:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:68:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:68:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:68:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:68:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:68:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:68:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:68:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:68:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:68:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:70:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:70:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:70:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:70:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:70:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:70:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:70:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:70:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:70:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:70:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:70:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:70:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:70:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:70:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:70:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:70:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:70:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:70:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:70:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:72:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:72:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:72:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:72:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:72:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:72:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:72:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:72:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:72:LEU:HB2	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HA	2:B:72:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:72:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:72:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:72:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:72:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:72:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:72:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:72:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:72:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:72:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:74:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:74:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:74:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:74:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:74:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:74:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:74:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:74:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:74:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:74:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:74:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:74:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:74:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:74:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:74:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:74:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:74:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:74:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:74:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:74:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:74:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:74:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:74:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HA	2:B:74:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:6:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:6:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:6:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:6:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:6:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:6:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:6:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:6:SER:HG	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HB2	2:B:6:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:6:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:6:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:9:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:9:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:9:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:9:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:9:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:9:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:9:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:9:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:9:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:9:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:9:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:9:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:9:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:9:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:9:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:9:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:9:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:9:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:9:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:10:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:10:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:10:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:10:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:10:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:10:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:10:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:10:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:10:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:10:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:10:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:10:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:10:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:10:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:11:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:11:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:11:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:11:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:11:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:11:GLY:N	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HB2	2:B:11:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:12:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:12:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:12:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:12:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:12:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:12:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:12:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:12:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:12:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:12:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:12:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:12:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:12:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:12:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:12:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:15:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:15:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:15:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:15:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:15:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:15:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:15:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:16:PRO:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:16:PRO:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:16:PRO:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:16:PRO:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:16:PRO:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:16:PRO:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:16:PRO:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:16:PRO:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:16:PRO:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:16:PRO:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:16:PRO:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:16:PRO:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:16:PRO:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:16:PRO:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:17:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:17:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:17:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:17:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:17:ILE:CG1	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HB2	2:B:17:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:17:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:17:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:17:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:17:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:17:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:17:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:17:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:17:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:17:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:17:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:17:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:17:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:17:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:21:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:21:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:21:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:21:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:21:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:21:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:21:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:21:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:21:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:21:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:21:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:21:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:21:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:21:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:21:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:44:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:44:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:44:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:44:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:44:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:44:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:44:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:44:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:44:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:44:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:44:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:44:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:46:TYR:C	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HB2	2:B:46:TYR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:46:TYR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:46:TYR:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:46:TYR:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:46:TYR:CE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:46:TYR:CE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:46:TYR:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:46:TYR:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:46:TYR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:46:TYR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:46:TYR:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:46:TYR:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:46:TYR:HD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:46:TYR:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:46:TYR:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:46:TYR:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:46:TYR:HH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:46:TYR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:46:TYR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:46:TYR:OH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:48:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:48:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:48:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:48:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:48:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:48:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:48:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:48:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:48:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:48:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:48:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:48:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:48:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:48:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:49:MET:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:49:MET:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:49:MET:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:49:MET:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:49:MET:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:49:MET:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:49:MET:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:49:MET:HB2	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HB2	2:B:49:MET:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:49:MET:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:49:MET:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:49:MET:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:49:MET:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:49:MET:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:49:MET:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:49:MET:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:49:MET:SD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:50:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:50:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:50:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:50:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:50:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:50:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:50:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:50:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:50:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:50:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:50:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:50:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:51:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:51:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:51:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:51:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:51:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:51:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:51:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:51:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:51:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:51:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:51:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:51:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:51:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:51:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:51:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:51:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:51:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:51:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:51:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:53:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:53:ASP:CA	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HB2	2:B:53:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:53:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:53:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:53:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:53:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:53:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:53:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:53:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:53:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:53:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:54:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:54:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:54:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:54:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:54:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:54:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:54:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:54:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:54:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:54:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:54:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:55:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:55:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:55:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:55:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:55:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:55:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:55:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:55:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:55:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:55:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:55:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:55:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:55:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:55:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:56:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:56:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:56:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:56:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:56:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:56:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:56:ARG:H	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HB2	2:B:56:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:56:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:56:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:56:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:56:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:56:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:56:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:56:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:56:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:56:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:56:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:56:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:56:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:56:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:56:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:56:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:56:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:58:GLN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:58:GLN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:58:GLN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:58:GLN:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:58:GLN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:58:GLN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:58:GLN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:58:GLN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:58:GLN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:58:GLN:HE21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:58:GLN:HE22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:58:GLN:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:58:GLN:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:58:GLN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:58:GLN:NE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:58:GLN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:58:GLN:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:64:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:64:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:64:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:64:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:64:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:64:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:64:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:66:LYS:C	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HB2	2:B:66:LYS:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:66:LYS:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:66:LYS:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:66:LYS:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:66:LYS:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:66:LYS:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:66:LYS:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:66:LYS:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:66:LYS:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:66:LYS:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:66:LYS:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:66:LYS:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:66:LYS:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:66:LYS:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:66:LYS:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:66:LYS:HZ1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:66:LYS:HZ2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:66:LYS:HZ3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:66:LYS:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:66:LYS:NZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:66:LYS:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:67:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:67:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:67:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:67:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:67:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:67:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:67:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:67:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:67:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:67:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:67:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:67:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:67:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:67:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:68:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:68:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:68:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:68:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:68:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:68:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:68:ASP:HB2	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HB2	2:B:68:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:68:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:68:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:68:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:68:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:70:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:70:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:70:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:70:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:70:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:70:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:70:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:70:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:70:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:70:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:70:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:70:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:70:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:70:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:70:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:70:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:70:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:70:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:70:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:72:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:72:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:72:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:72:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:72:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:72:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:72:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:72:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:72:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:72:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:72:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:72:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:72:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:72:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:72:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:72:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:72:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:72:LEU:N	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HB2	2:B:72:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:74:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:74:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:74:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:74:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:74:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:74:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:74:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:74:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:74:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:74:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:74:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:74:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:74:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:74:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:74:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:74:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:74:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:74:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:74:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:74:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:74:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:74:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:74:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB2	2:B:74:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:6:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:6:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:6:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:6:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:6:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:6:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:6:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:6:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:6:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:6:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:6:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:9:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:9:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:9:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:9:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:9:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:9:LEU:CG	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HB3	2:B:9:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:9:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:9:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:9:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:9:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:9:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:9:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:9:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:9:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:9:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:9:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:9:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:9:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:10:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:10:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:10:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:10:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:10:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:10:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:10:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:10:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:10:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:10:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:10:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:10:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:10:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:10:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:11:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:11:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:11:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:11:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:11:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:11:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:11:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:12:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:12:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:12:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:12:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:12:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:12:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:12:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:12:GLU:HB2	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HB3	2:B:12:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:12:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:12:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:12:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:12:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:12:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:12:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:15:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:15:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:15:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:15:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:15:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:15:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:15:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:16:PRO:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:16:PRO:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:16:PRO:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:16:PRO:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:16:PRO:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:16:PRO:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:16:PRO:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:16:PRO:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:16:PRO:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:16:PRO:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:16:PRO:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:16:PRO:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:16:PRO:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:16:PRO:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:17:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:17:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:17:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:17:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:17:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:17:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:17:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:17:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:17:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:17:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:17:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:17:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:17:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:17:ILE:HG13	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HB3	2:B:17:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:17:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:17:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:17:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:17:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:21:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:21:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:21:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:21:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:21:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:21:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:21:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:21:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:21:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:21:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:21:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:21:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:21:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:21:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:21:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:44:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:44:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:44:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:44:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:44:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:44:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:44:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:44:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:44:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:44:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:44:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:44:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:46:TYR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:46:TYR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:46:TYR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:46:TYR:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:46:TYR:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:46:TYR:CE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:46:TYR:CE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:46:TYR:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:46:TYR:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:46:TYR:H	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HB3	2:B:46:TYR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:46:TYR:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:46:TYR:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:46:TYR:HD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:46:TYR:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:46:TYR:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:46:TYR:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:46:TYR:HH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:46:TYR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:46:TYR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:46:TYR:OH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:48:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:48:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:48:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:48:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:48:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:48:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:48:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:48:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:48:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:48:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:48:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:48:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:48:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:48:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:49:MET:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:49:MET:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:49:MET:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:49:MET:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:49:MET:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:49:MET:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:49:MET:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:49:MET:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:49:MET:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:49:MET:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:49:MET:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:49:MET:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:49:MET:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:49:MET:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:49:MET:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:49:MET:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:49:MET:SD	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HB3	2:B:50:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:50:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:50:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:50:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:50:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:50:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:50:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:50:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:50:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:50:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:50:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:50:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:51:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:51:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:51:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:51:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:51:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:51:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:51:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:51:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:51:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:51:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:51:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:51:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:51:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:51:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:51:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:51:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:51:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:51:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:51:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:53:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:53:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:53:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:53:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:53:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:53:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:53:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:53:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:53:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:53:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:53:ASP:OD1	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HB3	2:B:53:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:54:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:54:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:54:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:54:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:54:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:54:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:54:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:54:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:54:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:54:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:54:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:55:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:55:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:55:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:55:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:55:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:55:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:55:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:55:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:55:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:55:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:55:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:55:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:55:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:55:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:56:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:56:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:56:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:56:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:56:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:56:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:56:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:56:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:56:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:56:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:56:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:56:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:56:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:56:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:56:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:56:ARG:HH11	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HB3	2:B:56:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:56:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:56:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:56:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:56:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:56:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:56:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:56:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:58:GLN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:58:GLN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:58:GLN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:58:GLN:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:58:GLN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:58:GLN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:58:GLN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:58:GLN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:58:GLN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:58:GLN:HE21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:58:GLN:HE22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:58:GLN:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:58:GLN:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:58:GLN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:58:GLN:NE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:58:GLN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:58:GLN:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:64:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:64:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:64:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:64:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:64:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:64:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:64:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:66:LYS:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:66:LYS:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:66:LYS:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:66:LYS:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:66:LYS:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:66:LYS:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:66:LYS:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:66:LYS:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:66:LYS:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:66:LYS:HB3	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HB3	2:B:66:LYS:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:66:LYS:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:66:LYS:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:66:LYS:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:66:LYS:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:66:LYS:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:66:LYS:HZ1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:66:LYS:HZ2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:66:LYS:HZ3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:66:LYS:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:66:LYS:NZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:66:LYS:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:67:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:67:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:67:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:67:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:67:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:67:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:67:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:67:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:67:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:67:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:67:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:67:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:67:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:67:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:68:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:68:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:68:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:68:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:68:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:68:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:68:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:68:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:68:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:68:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:68:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:68:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:70:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:70:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:70:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:70:LEU:CD1	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HB3	2:B:70:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:70:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:70:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:70:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:70:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:70:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:70:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:70:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:70:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:70:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:70:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:70:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:70:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:70:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:70:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:72:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:72:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:72:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:72:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:72:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:72:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:72:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:72:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:72:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:72:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:72:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:72:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:72:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:72:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:72:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:72:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:72:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:72:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:72:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:74:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:74:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:74:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:74:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:74:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:74:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:74:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:74:ARG:HA	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HB3	2:B:74:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:74:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:74:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:74:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:74:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:74:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:74:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:74:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:74:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:74:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:74:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:74:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:74:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:74:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:74:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HB3	2:B:74:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:6:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:6:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:6:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:6:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:6:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:6:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:6:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:6:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:6:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:6:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:6:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:9:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:9:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:9:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:9:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:9:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:9:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:9:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:9:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:9:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:9:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:9:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:9:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:9:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:9:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:9:LEU:HD22	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HE21	2:B:9:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:9:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:9:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:9:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:10:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:10:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:10:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:10:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:10:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:10:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:10:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:10:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:10:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:10:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:10:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:10:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:10:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:10:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:11:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:11:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:11:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:11:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:11:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:11:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:11:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:12:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:12:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:12:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:12:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:12:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:12:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:12:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:12:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:12:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:12:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:12:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:12:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:12:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:12:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:12:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:15:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:15:GLY:CA	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HE21	2:B:15:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:15:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:15:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:15:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:15:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:16:PRO:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:16:PRO:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:16:PRO:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:16:PRO:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:16:PRO:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:16:PRO:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:16:PRO:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:16:PRO:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:16:PRO:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:16:PRO:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:16:PRO:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:16:PRO:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:16:PRO:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:16:PRO:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:17:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:17:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:17:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:17:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:17:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:17:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:17:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:17:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:17:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:17:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:17:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:17:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:17:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:17:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:17:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:17:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:17:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:17:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:17:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:21:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:21:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:21:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:21:GLU:CD	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HE21	2:B:21:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:21:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:21:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:21:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:21:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:21:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:21:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:21:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:21:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:21:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:21:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:44:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:44:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:44:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:44:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:44:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:44:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:44:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:44:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:44:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:44:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:44:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:44:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:46:TYR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:46:TYR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:46:TYR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:46:TYR:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:46:TYR:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:46:TYR:CE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:46:TYR:CE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:46:TYR:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:46:TYR:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:46:TYR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:46:TYR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:46:TYR:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:46:TYR:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:46:TYR:HD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:46:TYR:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:46:TYR:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:46:TYR:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:46:TYR:HH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:46:TYR:N	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HE21	2:B:46:TYR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:46:TYR:OH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:48:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:48:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:48:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:48:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:48:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:48:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:48:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:48:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:48:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:48:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:48:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:48:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:48:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:48:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:49:MET:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:49:MET:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:49:MET:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:49:MET:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:49:MET:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:49:MET:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:49:MET:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:49:MET:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:49:MET:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:49:MET:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:49:MET:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:49:MET:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:49:MET:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:49:MET:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:49:MET:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:49:MET:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:49:MET:SD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:50:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:50:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:50:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:50:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:50:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:50:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:50:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:50:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:50:ASP:N	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HE21	2:B:50:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:50:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:50:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:51:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:51:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:51:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:51:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:51:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:51:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:51:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:51:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:51:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:51:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:51:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:51:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:51:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:51:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:51:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:51:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:51:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:51:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:51:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:53:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:53:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:53:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:53:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:53:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:53:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:53:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:53:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:53:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:53:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:53:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:53:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:54:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:54:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:54:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:54:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:54:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:54:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:54:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:54:SER:HG	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HE21	2:B:54:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:54:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:54:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:55:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:55:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:55:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:55:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:55:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:55:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:55:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:55:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:55:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:55:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:55:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:55:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:55:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:55:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:56:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:56:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:56:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:56:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:56:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:56:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:56:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:56:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:56:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:56:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:56:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:56:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:56:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:56:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:56:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:56:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:56:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:56:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:56:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:56:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:56:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:56:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:56:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:56:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:58:GLN:C	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HE21	2:B:58:GLN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:58:GLN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:58:GLN:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:58:GLN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:58:GLN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:58:GLN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:58:GLN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:58:GLN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:58:GLN:HE21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:58:GLN:HE22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:58:GLN:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:58:GLN:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:58:GLN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:58:GLN:NE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:58:GLN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:58:GLN:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:64:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:64:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:64:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:64:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:64:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:64:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:64:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:66:LYS:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:66:LYS:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:66:LYS:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:66:LYS:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:66:LYS:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:66:LYS:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:66:LYS:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:66:LYS:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:66:LYS:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:66:LYS:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:66:LYS:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:66:LYS:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:66:LYS:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:66:LYS:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:66:LYS:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:66:LYS:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:66:LYS:HZ1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:66:LYS:HZ2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:66:LYS:HZ3	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HE21	2:B:66:LYS:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:66:LYS:NZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:66:LYS:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:67:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:67:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:67:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:67:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:67:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:67:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:67:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:67:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:67:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:67:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:67:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:67:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:67:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:67:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:68:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:68:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:68:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:68:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:68:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:68:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:68:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:68:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:68:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:68:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:68:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:68:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:70:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:70:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:70:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:70:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:70:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:70:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:70:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:70:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:70:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:70:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:70:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:70:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:70:LEU:HD13	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HE21	2:B:70:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:70:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:70:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:70:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:70:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:70:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:72:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:72:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:72:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:72:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:72:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:72:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:72:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:72:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:72:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:72:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:72:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:72:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:72:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:72:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:72:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:72:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:72:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:72:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:72:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:74:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:74:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:74:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:74:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:74:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:74:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:74:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:74:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:74:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:74:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:74:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:74:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:74:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:74:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:74:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:74:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:74:ARG:HH12	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HE21	2:B:74:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:74:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:74:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:74:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:74:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:74:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE21	2:B:74:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:6:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:6:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:6:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:6:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:6:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:6:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:6:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:6:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:6:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:6:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:6:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:9:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:9:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:9:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:9:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:9:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:9:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:9:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:9:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:9:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:9:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:9:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:9:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:9:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:9:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:9:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:9:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:9:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:9:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:9:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:10:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:10:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:10:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:10:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:10:THR:H	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HE22	2:B:10:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:10:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:10:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:10:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:10:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:10:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:10:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:10:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:10:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:11:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:11:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:11:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:11:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:11:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:11:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:11:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:12:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:12:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:12:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:12:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:12:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:12:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:12:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:12:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:12:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:12:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:12:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:12:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:12:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:12:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:12:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:15:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:15:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:15:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:15:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:15:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:15:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:15:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:16:PRO:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:16:PRO:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:16:PRO:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:16:PRO:CD	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HE22	2:B:16:PRO:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:16:PRO:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:16:PRO:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:16:PRO:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:16:PRO:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:16:PRO:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:16:PRO:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:16:PRO:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:16:PRO:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:16:PRO:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:17:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:17:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:17:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:17:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:17:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:17:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:17:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:17:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:17:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:17:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:17:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:17:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:17:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:17:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:17:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:17:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:17:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:17:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:17:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:21:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:21:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:21:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:21:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:21:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:21:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:21:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:21:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:21:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:21:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:21:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:21:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:21:GLU:O	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HE22	2:B:21:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:21:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:44:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:44:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:44:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:44:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:44:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:44:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:44:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:44:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:44:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:44:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:44:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:44:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:46:TYR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:46:TYR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:46:TYR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:46:TYR:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:46:TYR:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:46:TYR:CE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:46:TYR:CE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:46:TYR:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:46:TYR:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:46:TYR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:46:TYR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:46:TYR:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:46:TYR:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:46:TYR:HD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:46:TYR:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:46:TYR:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:46:TYR:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:46:TYR:HH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:46:TYR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:46:TYR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:46:TYR:OH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:48:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:48:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:48:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:48:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:48:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:48:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:48:ASN:HB2	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HE22	2:B:48:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:48:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:48:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:48:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:48:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:48:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:48:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:49:MET:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:49:MET:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:49:MET:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:49:MET:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:49:MET:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:49:MET:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:49:MET:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:49:MET:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:49:MET:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:49:MET:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:49:MET:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:49:MET:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:49:MET:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:49:MET:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:49:MET:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:49:MET:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:49:MET:SD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:50:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:50:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:50:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:50:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:50:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:50:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:50:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:50:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:50:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:50:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:50:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:50:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:51:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:51:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:51:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:51:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:51:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:51:ILE:CG2	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HE22	2:B:51:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:51:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:51:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:51:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:51:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:51:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:51:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:51:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:51:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:51:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:51:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:51:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:51:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:53:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:53:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:53:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:53:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:53:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:53:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:53:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:53:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:53:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:53:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:53:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:53:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:54:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:54:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:54:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:54:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:54:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:54:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:54:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:54:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:54:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:54:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:54:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:55:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:55:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:55:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:55:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:55:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:55:ASN:HA	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HE22	2:B:55:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:55:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:55:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:55:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:55:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:55:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:55:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:55:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:56:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:56:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:56:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:56:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:56:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:56:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:56:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:56:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:56:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:56:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:56:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:56:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:56:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:56:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:56:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:56:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:56:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:56:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:56:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:56:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:56:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:56:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:56:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:56:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:58:GLN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:58:GLN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:58:GLN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:58:GLN:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:58:GLN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:58:GLN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:58:GLN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:58:GLN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:58:GLN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:58:GLN:HE21	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HE22	2:B:58:GLN:HE22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:58:GLN:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:58:GLN:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:58:GLN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:58:GLN:NE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:58:GLN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:58:GLN:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:64:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:64:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:64:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:64:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:64:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:64:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:64:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:66:LYS:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:66:LYS:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:66:LYS:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:66:LYS:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:66:LYS:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:66:LYS:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:66:LYS:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:66:LYS:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:66:LYS:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:66:LYS:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:66:LYS:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:66:LYS:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:66:LYS:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:66:LYS:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:66:LYS:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:66:LYS:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:66:LYS:HZ1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:66:LYS:HZ2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:66:LYS:HZ3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:66:LYS:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:66:LYS:NZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:66:LYS:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:67:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:67:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:67:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:67:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:67:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:67:THR:HA	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HE22	2:B:67:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:67:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:67:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:67:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:67:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:67:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:67:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:67:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:68:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:68:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:68:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:68:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:68:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:68:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:68:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:68:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:68:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:68:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:68:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:68:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:70:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:70:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:70:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:70:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:70:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:70:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:70:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:70:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:70:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:70:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:70:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:70:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:70:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:70:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:70:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:70:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:70:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:70:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:70:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:72:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:72:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:72:LEU:CB	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HE22	2:B:72:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:72:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:72:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:72:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:72:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:72:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:72:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:72:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:72:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:72:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:72:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:72:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:72:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:72:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:72:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:72:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:74:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:74:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:74:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:74:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:74:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:74:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:74:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:74:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:74:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:74:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:74:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:74:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:74:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:74:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:74:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:74:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:74:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:74:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:74:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:74:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:74:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:74:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:74:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HE22	2:B:74:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:6:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:6:SER:CA	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HG2	2:B:6:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:6:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:6:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:6:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:6:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:6:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:6:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:6:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:6:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:9:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:9:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:9:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:9:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:9:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:9:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:9:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:9:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:9:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:9:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:9:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:9:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:9:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:9:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:9:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:9:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:9:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:9:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:9:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:10:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:10:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:10:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:10:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:10:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:10:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:10:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:10:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:10:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:10:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:10:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:10:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:10:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:10:THR:OG1	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HG2	2:B:11:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:11:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:11:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:11:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:11:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:11:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:11:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:12:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:12:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:12:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:12:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:12:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:12:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:12:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:12:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:12:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:12:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:12:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:12:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:12:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:12:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:12:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:15:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:15:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:15:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:15:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:15:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:15:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:15:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:16:PRO:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:16:PRO:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:16:PRO:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:16:PRO:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:16:PRO:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:16:PRO:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:16:PRO:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:16:PRO:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:16:PRO:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:16:PRO:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:16:PRO:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:16:PRO:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:16:PRO:N	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HG2	2:B:16:PRO:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:17:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:17:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:17:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:17:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:17:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:17:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:17:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:17:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:17:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:17:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:17:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:17:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:17:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:17:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:17:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:17:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:17:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:17:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:17:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:21:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:21:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:21:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:21:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:21:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:21:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:21:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:21:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:21:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:21:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:21:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:21:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:21:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:21:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:21:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:44:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:44:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:44:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:44:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:44:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:44:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:44:ASP:HB2	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HG2	2:B:44:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:44:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:44:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:44:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:44:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:46:TYR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:46:TYR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:46:TYR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:46:TYR:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:46:TYR:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:46:TYR:CE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:46:TYR:CE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:46:TYR:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:46:TYR:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:46:TYR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:46:TYR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:46:TYR:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:46:TYR:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:46:TYR:HD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:46:TYR:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:46:TYR:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:46:TYR:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:46:TYR:HH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:46:TYR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:46:TYR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:46:TYR:OH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:48:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:48:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:48:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:48:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:48:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:48:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:48:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:48:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:48:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:48:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:48:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:48:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:48:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:48:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:49:MET:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:49:MET:CA	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HG2	2:B:49:MET:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:49:MET:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:49:MET:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:49:MET:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:49:MET:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:49:MET:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:49:MET:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:49:MET:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:49:MET:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:49:MET:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:49:MET:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:49:MET:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:49:MET:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:49:MET:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:49:MET:SD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:50:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:50:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:50:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:50:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:50:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:50:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:50:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:50:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:50:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:50:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:50:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:50:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:51:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:51:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:51:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:51:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:51:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:51:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:51:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:51:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:51:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:51:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:51:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:51:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:51:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:51:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:51:ILE:HG21	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HG2	2:B:51:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:51:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:51:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:51:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:53:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:53:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:53:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:53:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:53:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:53:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:53:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:53:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:53:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:53:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:53:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:53:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:54:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:54:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:54:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:54:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:54:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:54:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:54:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:54:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:54:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:54:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:54:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:55:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:55:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:55:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:55:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:55:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:55:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:55:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:55:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:55:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:55:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:55:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:55:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:55:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:55:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:56:ARG:C	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HG2	2:B:56:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:56:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:56:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:56:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:56:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:56:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:56:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:56:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:56:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:56:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:56:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:56:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:56:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:56:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:56:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:56:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:56:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:56:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:56:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:56:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:56:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:56:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:56:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:58:GLN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:58:GLN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:58:GLN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:58:GLN:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:58:GLN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:58:GLN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:58:GLN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:58:GLN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:58:GLN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:58:GLN:HE21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:58:GLN:HE22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:58:GLN:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:58:GLN:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:58:GLN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:58:GLN:NE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:58:GLN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:58:GLN:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:64:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:64:GLY:CA	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HG2	2:B:64:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:64:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:64:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:64:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:64:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:66:LYS:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:66:LYS:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:66:LYS:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:66:LYS:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:66:LYS:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:66:LYS:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:66:LYS:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:66:LYS:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:66:LYS:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:66:LYS:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:66:LYS:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:66:LYS:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:66:LYS:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:66:LYS:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:66:LYS:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:66:LYS:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:66:LYS:HZ1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:66:LYS:HZ2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:66:LYS:HZ3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:66:LYS:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:66:LYS:NZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:66:LYS:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:67:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:67:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:67:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:67:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:67:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:67:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:67:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:67:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:67:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:67:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:67:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:67:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:67:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:67:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:68:ASP:C	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HG2	2:B:68:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:68:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:68:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:68:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:68:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:68:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:68:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:68:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:68:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:68:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:68:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:70:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:70:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:70:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:70:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:70:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:70:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:70:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:70:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:70:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:70:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:70:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:70:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:70:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:70:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:70:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:70:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:70:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:70:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:70:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:72:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:72:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:72:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:72:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:72:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:72:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:72:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:72:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:72:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:72:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:72:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:72:LEU:HD12	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HG2	2:B:72:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:72:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:72:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:72:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:72:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:72:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:72:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:74:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:74:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:74:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:74:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:74:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:74:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:74:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:74:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:74:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:74:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:74:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:74:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:74:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:74:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:74:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:74:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:74:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:74:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:74:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:74:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:74:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:74:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:74:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG2	2:B:74:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:6:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:6:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:6:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:6:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:6:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:6:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:6:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:6:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:6:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:6:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:6:SER:OG	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HG3	2:B:9:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:9:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:9:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:9:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:9:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:9:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:9:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:9:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:9:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:9:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:9:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:9:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:9:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:9:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:9:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:9:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:9:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:9:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:9:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:10:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:10:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:10:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:10:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:10:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:10:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:10:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:10:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:10:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:10:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:10:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:10:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:10:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:10:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:11:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:11:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:11:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:11:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:11:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:11:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:11:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:12:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:12:GLU:CA	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HG3	2:B:12:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:12:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:12:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:12:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:12:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:12:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:12:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:12:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:12:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:12:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:12:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:12:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:12:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:15:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:15:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:15:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:15:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:15:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:15:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:15:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:16:PRO:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:16:PRO:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:16:PRO:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:16:PRO:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:16:PRO:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:16:PRO:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:16:PRO:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:16:PRO:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:16:PRO:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:16:PRO:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:16:PRO:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:16:PRO:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:16:PRO:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:16:PRO:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:17:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:17:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:17:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:17:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:17:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:17:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:17:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:17:ILE:HA	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HG3	2:B:17:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:17:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:17:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:17:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:17:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:17:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:17:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:17:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:17:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:17:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:17:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:21:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:21:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:21:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:21:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:21:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:21:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:21:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:21:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:21:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:21:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:21:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:21:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:21:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:21:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:21:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:44:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:44:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:44:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:44:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:44:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:44:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:44:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:44:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:44:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:44:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:44:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:44:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:46:TYR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:46:TYR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:46:TYR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:46:TYR:CD1	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HG3	2:B:46:TYR:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:46:TYR:CE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:46:TYR:CE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:46:TYR:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:46:TYR:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:46:TYR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:46:TYR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:46:TYR:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:46:TYR:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:46:TYR:HD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:46:TYR:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:46:TYR:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:46:TYR:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:46:TYR:HH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:46:TYR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:46:TYR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:46:TYR:OH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:48:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:48:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:48:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:48:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:48:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:48:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:48:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:48:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:48:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:48:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:48:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:48:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:48:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:48:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:49:MET:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:49:MET:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:49:MET:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:49:MET:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:49:MET:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:49:MET:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:49:MET:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:49:MET:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:49:MET:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:49:MET:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:49:MET:HE2	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HG3	2:B:49:MET:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:49:MET:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:49:MET:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:49:MET:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:49:MET:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:49:MET:SD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:50:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:50:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:50:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:50:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:50:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:50:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:50:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:50:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:50:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:50:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:50:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:50:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:51:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:51:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:51:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:51:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:51:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:51:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:51:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:51:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:51:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:51:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:51:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:51:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:51:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:51:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:51:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:51:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:51:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:51:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:51:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:53:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:53:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:53:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:53:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:53:ASP:H	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HG3	2:B:53:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:53:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:53:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:53:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:53:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:53:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:53:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:54:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:54:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:54:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:54:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:54:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:54:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:54:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:54:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:54:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:54:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:54:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:55:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:55:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:55:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:55:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:55:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:55:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:55:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:55:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:55:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:55:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:55:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:55:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:55:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:55:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:56:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:56:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:56:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:56:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:56:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:56:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:56:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:56:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:56:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:56:ARG:HB3	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HG3	2:B:56:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:56:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:56:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:56:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:56:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:56:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:56:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:56:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:56:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:56:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:56:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:56:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:56:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:56:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:58:GLN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:58:GLN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:58:GLN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:58:GLN:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:58:GLN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:58:GLN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:58:GLN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:58:GLN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:58:GLN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:58:GLN:HE21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:58:GLN:HE22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:58:GLN:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:58:GLN:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:58:GLN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:58:GLN:NE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:58:GLN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:58:GLN:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:64:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:64:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:64:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:64:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:64:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:64:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:64:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:66:LYS:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:66:LYS:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:66:LYS:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:66:LYS:CD	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HG3	2:B:66:LYS:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:66:LYS:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:66:LYS:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:66:LYS:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:66:LYS:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:66:LYS:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:66:LYS:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:66:LYS:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:66:LYS:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:66:LYS:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:66:LYS:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:66:LYS:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:66:LYS:HZ1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:66:LYS:HZ2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:66:LYS:HZ3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:66:LYS:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:66:LYS:NZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:66:LYS:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:67:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:67:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:67:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:67:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:67:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:67:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:67:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:67:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:67:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:67:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:67:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:67:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:67:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:67:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:68:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:68:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:68:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:68:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:68:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:68:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:68:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:68:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:68:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:68:ASP:O	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HG3	2:B:68:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:68:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:70:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:70:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:70:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:70:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:70:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:70:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:70:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:70:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:70:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:70:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:70:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:70:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:70:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:70:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:70:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:70:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:70:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:70:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:70:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:72:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:72:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:72:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:72:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:72:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:72:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:72:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:72:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:72:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:72:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:72:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:72:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:72:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:72:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:72:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:72:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:72:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:72:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:72:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:74:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:74:ARG:CA	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:HG3	2:B:74:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:74:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:74:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:74:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:74:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:74:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:74:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:74:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:74:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:74:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:74:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:74:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:74:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:74:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:74:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:74:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:74:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:74:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:74:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:74:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:74:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:HG3	2:B:74:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:6:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:6:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:6:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:6:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:6:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:6:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:6:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:6:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:6:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:6:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:6:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:9:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:9:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:9:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:9:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:9:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:9:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:9:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:9:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:9:LEU:HB2	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:N	2:B:9:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:9:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:9:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:9:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:9:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:9:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:9:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:9:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:9:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:9:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:10:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:10:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:10:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:10:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:10:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:10:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:10:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:10:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:10:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:10:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:10:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:10:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:10:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:10:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:11:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:11:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:11:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:11:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:11:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:11:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:11:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:12:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:12:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:12:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:12:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:12:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:12:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:12:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:12:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:12:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:12:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:12:GLU:HG3	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:N	2:B:12:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:12:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:12:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:12:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:15:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:15:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:15:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:15:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:15:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:15:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:15:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:16:PRO:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:16:PRO:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:16:PRO:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:16:PRO:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:16:PRO:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:16:PRO:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:16:PRO:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:16:PRO:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:16:PRO:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:16:PRO:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:16:PRO:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:16:PRO:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:16:PRO:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:16:PRO:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:17:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:17:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:17:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:17:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:17:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:17:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:17:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:17:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:17:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:17:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:17:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:17:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:17:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:17:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:17:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:17:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:17:ILE:HG23	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:N	2:B:17:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:17:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:21:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:21:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:21:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:21:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:21:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:21:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:21:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:21:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:21:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:21:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:21:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:21:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:21:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:21:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:21:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:44:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:44:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:44:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:44:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:44:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:44:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:44:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:44:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:44:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:44:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:44:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:44:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:46:TYR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:46:TYR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:46:TYR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:46:TYR:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:46:TYR:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:46:TYR:CE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:46:TYR:CE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:46:TYR:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:46:TYR:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:46:TYR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:46:TYR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:46:TYR:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:46:TYR:HB3	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:N	2:B:46:TYR:HD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:46:TYR:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:46:TYR:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:46:TYR:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:46:TYR:HH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:46:TYR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:46:TYR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:46:TYR:OH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:48:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:48:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:48:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:48:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:48:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:48:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:48:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:48:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:48:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:48:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:48:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:48:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:48:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:48:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:49:MET:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:49:MET:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:49:MET:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:49:MET:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:49:MET:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:49:MET:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:49:MET:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:49:MET:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:49:MET:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:49:MET:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:49:MET:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:49:MET:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:49:MET:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:49:MET:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:49:MET:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:49:MET:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:49:MET:SD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:50:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:50:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:50:ASP:CB	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:N	2:B:50:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:50:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:50:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:50:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:50:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:50:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:50:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:50:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:50:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:51:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:51:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:51:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:51:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:51:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:51:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:51:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:51:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:51:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:51:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:51:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:51:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:51:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:51:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:51:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:51:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:51:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:51:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:51:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:53:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:53:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:53:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:53:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:53:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:53:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:53:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:53:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:53:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:53:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:53:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:53:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:54:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:54:SER:CA	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:N	2:B:54:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:54:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:54:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:54:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:54:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:54:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:54:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:54:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:54:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:55:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:55:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:55:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:55:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:55:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:55:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:55:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:55:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:55:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:55:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:55:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:55:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:55:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:55:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:56:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:56:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:56:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:56:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:56:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:56:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:56:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:56:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:56:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:56:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:56:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:56:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:56:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:56:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:56:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:56:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:56:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:56:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:56:ARG:HH22	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:N	2:B:56:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:56:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:56:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:56:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:56:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:58:GLN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:58:GLN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:58:GLN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:58:GLN:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:58:GLN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:58:GLN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:58:GLN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:58:GLN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:58:GLN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:58:GLN:HE21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:58:GLN:HE22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:58:GLN:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:58:GLN:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:58:GLN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:58:GLN:NE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:58:GLN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:58:GLN:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:64:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:64:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:64:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:64:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:64:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:64:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:64:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:66:LYS:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:66:LYS:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:66:LYS:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:66:LYS:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:66:LYS:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:66:LYS:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:66:LYS:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:66:LYS:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:66:LYS:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:66:LYS:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:66:LYS:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:66:LYS:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:66:LYS:HE2	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:N	2:B:66:LYS:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:66:LYS:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:66:LYS:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:66:LYS:HZ1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:66:LYS:HZ2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:66:LYS:HZ3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:66:LYS:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:66:LYS:NZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:66:LYS:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:67:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:67:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:67:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:67:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:67:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:67:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:67:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:67:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:67:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:67:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:67:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:67:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:67:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:67:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:68:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:68:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:68:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:68:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:68:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:68:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:68:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:68:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:68:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:68:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:68:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:68:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:70:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:70:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:70:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:70:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:70:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:70:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:70:LEU:H	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:N	2:B:70:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:70:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:70:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:70:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:70:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:70:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:70:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:70:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:70:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:70:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:70:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:70:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:72:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:72:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:72:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:72:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:72:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:72:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:72:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:72:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:72:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:72:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:72:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:72:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:72:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:72:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:72:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:72:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:72:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:72:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:72:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:74:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:74:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:74:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:74:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:74:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:74:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:74:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:74:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:74:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:74:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:74:ARG:HD2	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:N	2:B:74:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:74:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:74:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:74:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:74:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:74:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:74:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:74:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:74:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:74:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:74:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:74:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:N	2:B:74:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:6:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:6:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:6:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:6:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:6:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:6:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:6:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:6:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:6:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:6:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:6:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:9:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:9:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:9:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:9:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:9:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:9:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:9:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:9:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:9:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:9:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:9:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:9:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:9:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:9:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:9:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:9:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:9:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:9:LEU:N	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:NE2	2:B:9:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:10:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:10:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:10:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:10:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:10:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:10:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:10:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:10:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:10:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:10:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:10:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:10:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:10:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:10:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:11:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:11:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:11:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:11:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:11:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:11:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:11:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:12:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:12:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:12:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:12:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:12:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:12:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:12:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:12:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:12:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:12:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:12:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:12:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:12:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:12:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:12:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:15:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:15:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:15:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:15:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:15:GLY:HA3	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:NE2	2:B:15:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:15:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:16:PRO:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:16:PRO:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:16:PRO:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:16:PRO:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:16:PRO:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:16:PRO:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:16:PRO:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:16:PRO:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:16:PRO:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:16:PRO:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:16:PRO:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:16:PRO:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:16:PRO:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:16:PRO:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:17:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:17:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:17:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:17:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:17:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:17:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:17:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:17:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:17:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:17:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:17:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:17:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:17:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:17:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:17:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:17:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:17:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:17:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:17:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:21:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:21:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:21:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:21:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:21:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:21:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:21:GLU:HA	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:NE2	2:B:21:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:21:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:21:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:21:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:21:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:21:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:21:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:21:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:44:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:44:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:44:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:44:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:44:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:44:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:44:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:44:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:44:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:44:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:44:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:44:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:46:TYR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:46:TYR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:46:TYR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:46:TYR:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:46:TYR:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:46:TYR:CE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:46:TYR:CE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:46:TYR:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:46:TYR:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:46:TYR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:46:TYR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:46:TYR:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:46:TYR:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:46:TYR:HD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:46:TYR:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:46:TYR:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:46:TYR:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:46:TYR:HH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:46:TYR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:46:TYR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:46:TYR:OH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:48:ASN:C	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:NE2	2:B:48:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:48:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:48:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:48:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:48:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:48:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:48:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:48:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:48:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:48:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:48:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:48:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:48:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:49:MET:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:49:MET:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:49:MET:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:49:MET:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:49:MET:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:49:MET:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:49:MET:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:49:MET:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:49:MET:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:49:MET:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:49:MET:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:49:MET:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:49:MET:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:49:MET:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:49:MET:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:49:MET:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:49:MET:SD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:50:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:50:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:50:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:50:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:50:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:50:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:50:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:50:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:50:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:50:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:50:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:50:ASP:OD2	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:NE2	2:B:51:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:51:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:51:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:51:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:51:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:51:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:51:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:51:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:51:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:51:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:51:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:51:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:51:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:51:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:51:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:51:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:51:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:51:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:51:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:53:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:53:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:53:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:53:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:53:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:53:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:53:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:53:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:53:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:53:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:53:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:53:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:54:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:54:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:54:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:54:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:54:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:54:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:54:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:54:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:54:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:54:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:54:SER:OG	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:NE2	2:B:55:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:55:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:55:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:55:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:55:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:55:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:55:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:55:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:55:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:55:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:55:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:55:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:55:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:55:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:56:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:56:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:56:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:56:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:56:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:56:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:56:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:56:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:56:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:56:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:56:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:56:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:56:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:56:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:56:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:56:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:56:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:56:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:56:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:56:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:56:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:56:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:56:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:56:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:58:GLN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:58:GLN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:58:GLN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:58:GLN:CD	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:NE2	2:B:58:GLN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:58:GLN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:58:GLN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:58:GLN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:58:GLN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:58:GLN:HE21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:58:GLN:HE22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:58:GLN:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:58:GLN:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:58:GLN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:58:GLN:NE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:58:GLN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:58:GLN:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:64:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:64:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:64:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:64:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:64:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:64:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:64:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:66:LYS:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:66:LYS:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:66:LYS:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:66:LYS:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:66:LYS:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:66:LYS:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:66:LYS:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:66:LYS:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:66:LYS:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:66:LYS:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:66:LYS:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:66:LYS:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:66:LYS:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:66:LYS:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:66:LYS:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:66:LYS:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:66:LYS:HZ1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:66:LYS:HZ2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:66:LYS:HZ3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:66:LYS:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:66:LYS:NZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:66:LYS:O	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:NE2	2:B:67:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:67:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:67:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:67:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:67:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:67:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:67:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:67:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:67:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:67:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:67:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:67:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:67:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:67:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:68:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:68:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:68:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:68:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:68:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:68:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:68:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:68:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:68:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:68:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:68:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:68:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:70:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:70:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:70:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:70:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:70:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:70:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:70:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:70:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:70:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:70:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:70:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:70:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:70:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:70:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:70:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:70:LEU:HD23	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:NE2	2:B:70:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:70:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:70:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:72:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:72:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:72:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:72:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:72:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:72:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:72:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:72:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:72:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:72:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:72:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:72:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:72:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:72:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:72:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:72:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:72:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:72:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:72:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:74:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:74:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:74:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:74:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:74:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:74:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:74:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:74:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:74:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:74:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:74:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:74:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:74:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:74:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:74:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:74:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:74:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:74:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:74:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:74:ARG:N	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:NE2	2:B:74:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:74:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:74:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:NE2	2:B:74:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:6:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:6:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:6:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:6:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:6:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:6:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:6:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:6:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:6:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:6:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:6:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:9:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:9:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:9:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:9:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:9:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:9:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:9:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:9:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:9:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:9:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:9:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:9:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:9:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:9:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:9:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:9:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:9:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:9:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:9:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:10:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:10:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:10:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:10:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:10:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:10:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:10:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:10:THR:HG1	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:O	2:B:10:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:10:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:10:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:10:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:10:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:10:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:11:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:11:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:11:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:11:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:11:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:11:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:11:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:12:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:12:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:12:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:12:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:12:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:12:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:12:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:12:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:12:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:12:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:12:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:12:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:12:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:12:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:12:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:15:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:15:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:15:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:15:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:15:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:15:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:15:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:16:PRO:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:16:PRO:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:16:PRO:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:16:PRO:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:16:PRO:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:16:PRO:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:16:PRO:HB2	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:O	2:B:16:PRO:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:16:PRO:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:16:PRO:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:16:PRO:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:16:PRO:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:16:PRO:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:16:PRO:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:17:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:17:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:17:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:17:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:17:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:17:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:17:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:17:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:17:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:17:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:17:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:17:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:17:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:17:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:17:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:17:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:17:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:17:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:17:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:21:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:21:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:21:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:21:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:21:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:21:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:21:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:21:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:21:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:21:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:21:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:21:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:21:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:21:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:21:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:44:ASP:C	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:O	2:B:44:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:44:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:44:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:44:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:44:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:44:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:44:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:44:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:44:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:44:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:44:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:46:TYR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:46:TYR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:46:TYR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:46:TYR:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:46:TYR:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:46:TYR:CE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:46:TYR:CE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:46:TYR:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:46:TYR:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:46:TYR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:46:TYR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:46:TYR:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:46:TYR:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:46:TYR:HD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:46:TYR:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:46:TYR:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:46:TYR:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:46:TYR:HH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:46:TYR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:46:TYR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:46:TYR:OH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:48:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:48:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:48:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:48:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:48:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:48:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:48:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:48:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:48:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:48:ASN:HD22	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:O	2:B:48:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:48:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:48:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:48:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:49:MET:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:49:MET:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:49:MET:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:49:MET:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:49:MET:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:49:MET:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:49:MET:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:49:MET:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:49:MET:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:49:MET:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:49:MET:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:49:MET:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:49:MET:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:49:MET:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:49:MET:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:49:MET:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:49:MET:SD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:50:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:50:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:50:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:50:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:50:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:50:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:50:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:50:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:50:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:50:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:50:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:50:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:51:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:51:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:51:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:51:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:51:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:51:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:51:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:51:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:51:ILE:HB	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:O	2:B:51:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:51:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:51:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:51:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:51:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:51:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:51:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:51:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:51:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:51:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:53:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:53:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:53:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:53:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:53:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:53:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:53:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:53:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:53:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:53:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:53:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:53:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:54:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:54:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:54:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:54:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:54:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:54:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:54:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:54:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:54:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:54:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:54:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:55:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:55:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:55:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:55:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:55:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:55:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:55:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:55:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:55:ASN:HD21	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:O	2:B:55:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:55:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:55:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:55:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:55:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:56:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:56:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:56:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:56:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:56:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:56:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:56:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:56:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:56:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:56:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:56:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:56:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:56:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:56:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:56:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:56:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:56:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:56:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:56:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:56:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:56:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:56:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:56:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:56:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:58:GLN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:58:GLN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:58:GLN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:58:GLN:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:58:GLN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:58:GLN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:58:GLN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:58:GLN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:58:GLN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:58:GLN:HE21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:58:GLN:HE22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:58:GLN:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:58:GLN:HG3	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:O	2:B:58:GLN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:58:GLN:NE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:58:GLN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:58:GLN:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:64:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:64:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:64:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:64:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:64:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:64:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:64:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:66:LYS:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:66:LYS:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:66:LYS:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:66:LYS:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:66:LYS:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:66:LYS:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:66:LYS:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:66:LYS:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:66:LYS:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:66:LYS:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:66:LYS:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:66:LYS:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:66:LYS:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:66:LYS:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:66:LYS:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:66:LYS:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:66:LYS:HZ1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:66:LYS:HZ2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:66:LYS:HZ3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:66:LYS:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:66:LYS:NZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:66:LYS:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:67:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:67:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:67:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:67:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:67:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:67:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:67:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:67:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:67:THR:HG21	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:O	2:B:67:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:67:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:67:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:67:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:67:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:68:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:68:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:68:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:68:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:68:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:68:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:68:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:68:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:68:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:68:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:68:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:68:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:70:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:70:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:70:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:70:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:70:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:70:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:70:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:70:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:70:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:70:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:70:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:70:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:70:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:70:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:70:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:70:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:70:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:70:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:70:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:72:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:72:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:72:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:72:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:72:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:72:LEU:CG	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:O	2:B:72:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:72:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:72:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:72:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:72:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:72:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:72:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:72:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:72:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:72:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:72:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:72:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:72:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:74:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:74:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:74:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:74:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:74:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:74:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:74:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:74:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:74:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:74:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:74:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:74:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:74:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:74:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:74:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:74:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:74:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:74:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:74:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:74:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:74:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:74:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:74:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:O	2:B:74:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:6:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:6:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:6:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:6:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:6:SER:HA	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:OE1	2:B:6:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:6:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:6:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:6:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:6:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:6:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:9:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:9:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:9:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:9:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:9:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:9:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:9:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:9:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:9:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:9:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:9:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:9:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:9:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:9:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:9:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:9:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:9:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:9:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:9:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:10:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:10:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:10:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:10:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:10:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:10:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:10:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:10:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:10:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:10:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:10:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:10:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:10:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:10:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:11:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:11:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:11:GLY:H	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:OE1	2:B:11:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:11:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:11:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:11:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:12:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:12:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:12:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:12:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:12:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:12:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:12:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:12:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:12:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:12:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:12:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:12:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:12:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:12:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:12:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:15:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:15:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:15:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:15:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:15:GLY:HA3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:15:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:15:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:16:PRO:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:16:PRO:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:16:PRO:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:16:PRO:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:16:PRO:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:16:PRO:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:16:PRO:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:16:PRO:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:16:PRO:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:16:PRO:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:16:PRO:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:16:PRO:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:16:PRO:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:16:PRO:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:17:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:17:ILE:CA	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:OE1	2:B:17:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:17:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:17:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:17:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:17:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:17:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:17:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:17:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:17:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:17:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:17:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:17:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:17:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:17:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:17:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:17:ILE:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:17:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:21:GLU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:21:GLU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:21:GLU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:21:GLU:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:21:GLU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:21:GLU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:21:GLU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:21:GLU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:21:GLU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:21:GLU:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:21:GLU:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:21:GLU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:21:GLU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:21:GLU:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:21:GLU:OE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:44:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:44:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:44:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:44:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:44:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:44:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:44:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:44:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:44:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:44:ASP:O	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:OE1	2:B:44:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:44:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:46:TYR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:46:TYR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:46:TYR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:46:TYR:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:46:TYR:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:46:TYR:CE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:46:TYR:CE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:46:TYR:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:46:TYR:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:46:TYR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:46:TYR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:46:TYR:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:46:TYR:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:46:TYR:HD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:46:TYR:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:46:TYR:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:46:TYR:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:46:TYR:HH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:46:TYR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:46:TYR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:46:TYR:OH	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:48:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:48:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:48:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:48:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:48:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:48:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:48:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:48:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:48:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:48:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:48:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:48:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:48:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:48:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:49:MET:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:49:MET:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:49:MET:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:49:MET:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:49:MET:CG	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:OE1	2:B:49:MET:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:49:MET:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:49:MET:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:49:MET:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:49:MET:HE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:49:MET:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:49:MET:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:49:MET:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:49:MET:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:49:MET:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:49:MET:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:49:MET:SD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:50:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:50:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:50:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:50:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:50:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:50:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:50:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:50:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:50:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:50:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:50:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:50:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:51:ILE:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:51:ILE:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:51:ILE:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:51:ILE:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:51:ILE:CG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:51:ILE:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:51:ILE:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:51:ILE:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:51:ILE:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:51:ILE:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:51:ILE:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:51:ILE:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:51:ILE:HG12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:51:ILE:HG13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:51:ILE:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:51:ILE:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:51:ILE:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:51:ILE:N	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:OE1	2:B:51:ILE:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:53:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:53:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:53:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:53:ASP:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:53:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:53:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:53:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:53:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:53:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:53:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:53:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:53:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:54:SER:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:54:SER:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:54:SER:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:54:SER:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:54:SER:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:54:SER:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:54:SER:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:54:SER:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:54:SER:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:54:SER:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:54:SER:OG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:55:ASN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:55:ASN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:55:ASN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:55:ASN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:55:ASN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:55:ASN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:55:ASN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:55:ASN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:55:ASN:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:55:ASN:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:55:ASN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:55:ASN:ND2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:55:ASN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:55:ASN:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:56:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:56:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:56:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:56:ARG:CD	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:OE1	2:B:56:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:56:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:56:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:56:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:56:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:56:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:56:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:56:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:56:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:56:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:56:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:56:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:56:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:56:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:56:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:56:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:56:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:56:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:56:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:56:ARG:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:58:GLN:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:58:GLN:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:58:GLN:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:58:GLN:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:58:GLN:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:58:GLN:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:58:GLN:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:58:GLN:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:58:GLN:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:58:GLN:HE21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:58:GLN:HE22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:58:GLN:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:58:GLN:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:58:GLN:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:58:GLN:NE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:58:GLN:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:58:GLN:OE1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:64:GLY:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:64:GLY:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:64:GLY:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:64:GLY:HA2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:64:GLY:HA3	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:OE1	2:B:64:GLY:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:64:GLY:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:66:LYS:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:66:LYS:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:66:LYS:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:66:LYS:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:66:LYS:CE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:66:LYS:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:66:LYS:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:66:LYS:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:66:LYS:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:66:LYS:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:66:LYS:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:66:LYS:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:66:LYS:HE2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:66:LYS:HE3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:66:LYS:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:66:LYS:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:66:LYS:HZ1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:66:LYS:HZ2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:66:LYS:HZ3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:66:LYS:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:66:LYS:NZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:66:LYS:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:67:THR:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:67:THR:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:67:THR:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:67:THR:CG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:67:THR:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:67:THR:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:67:THR:HB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:67:THR:HG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:67:THR:HG21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:67:THR:HG22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:67:THR:HG23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:67:THR:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:67:THR:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:67:THR:OG1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:68:ASP:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:68:ASP:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:68:ASP:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:68:ASP:CG	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:OE1	2:B:68:ASP:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:68:ASP:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:68:ASP:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:68:ASP:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:68:ASP:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:68:ASP:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:68:ASP:OD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:68:ASP:OD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:70:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:70:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:70:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:70:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:70:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:70:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:70:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:70:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:70:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:70:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:70:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:70:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:70:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:70:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:70:LEU:HD22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:70:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:70:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:70:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:70:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:72:LEU:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:72:LEU:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:72:LEU:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:72:LEU:CD1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:72:LEU:CD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:72:LEU:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:72:LEU:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:72:LEU:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:72:LEU:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:72:LEU:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:72:LEU:HD11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:72:LEU:HD12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:72:LEU:HD13	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:72:LEU:HD21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:72:LEU:HD22	7	1.17	0.25	1.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,7)	1:A:49:GLN:OE1	2:B:72:LEU:HD23	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:72:LEU:HG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:72:LEU:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:72:LEU:O	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:74:ARG:C	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:74:ARG:CA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:74:ARG:CB	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:74:ARG:CD	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:74:ARG:CG	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:74:ARG:CZ	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:74:ARG:H	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:74:ARG:HA	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:74:ARG:HB2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:74:ARG:HB3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:74:ARG:HD2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:74:ARG:HD3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:74:ARG:HE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:74:ARG:HG2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:74:ARG:HG3	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:74:ARG:HH11	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:74:ARG:HH12	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:74:ARG:HH21	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:74:ARG:HH22	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:74:ARG:N	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:74:ARG:NE	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:74:ARG:NH1	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:74:ARG:NH2	7	1.17	0.25	1.02
(1,7)	1:A:49:GLN:OE1	2:B:74:ARG:O	7	1.17	0.25	1.02
(2,7)	1:A:12:3X9:OAH	2:B:65:LEU:H	5	0.77	0.4	0.69
(1,14)	2:B:15:GLY:C	1:A:2:GLN:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:2:GLN:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:2:GLN:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:2:GLN:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:2:GLN:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:2:GLN:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:2:GLN:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:2:GLN:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:2:GLN:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:2:GLN:HE21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:2:GLN:HE22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:2:GLN:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:2:GLN:HG3	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:C	1:A:2:GLN:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:2:GLN:NE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:2:GLN:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:2:GLN:OE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:HD21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:HD21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:HD22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:HD22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:HD23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:HD23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:HG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:HG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:8:LEU:O	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:C	1:A:9:THR:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:9:THR:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:9:THR:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:9:THR:CG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:9:THR:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:9:THR:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:9:THR:HB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:9:THR:HG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:9:THR:HG21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:9:THR:HG22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:9:THR:HG23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:9:THR:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:9:THR:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:9:THR:OG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:10:GLY:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:10:GLY:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:10:GLY:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:10:GLY:HA2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:10:GLY:HA3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:10:GLY:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:10:GLY:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:12:3X9:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:12:3X9:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:12:3X9:CAA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:12:3X9:CAB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:12:3X9:CAC	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:12:3X9:CAD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:12:3X9:CAI	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:12:3X9:CAJ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:12:3X9:CAO	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:12:3X9:CAR	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:12:3X9:CAS	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:12:3X9:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:12:3X9:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:12:3X9:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:12:3X9:HAA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:12:3X9:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:12:3X9:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:12:3X9:NAQ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:12:3X9:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:12:3X9:OAH	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:12:3X9:SAL	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:C	1:A:12:3X9:SG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:14:THR:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:14:THR:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:14:THR:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:14:THR:CG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:14:THR:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:14:THR:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:14:THR:HB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:14:THR:HG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:14:THR:HG21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:14:THR:HG22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:14:THR:HG23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:14:THR:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:14:THR:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:14:THR:OG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:39:ASP:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:39:ASP:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:39:ASP:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:39:ASP:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:39:ASP:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:39:ASP:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:39:ASP:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:39:ASP:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:39:ASP:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:39:ASP:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:39:ASP:OD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:39:ASP:OD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:44:ILE:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:44:ILE:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:44:ILE:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:44:ILE:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:44:ILE:CG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:44:ILE:CG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:44:ILE:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:44:ILE:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:44:ILE:HB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:44:ILE:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:44:ILE:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:44:ILE:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:44:ILE:HG12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:44:ILE:HG13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:44:ILE:HG21	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:C	1:A:44:ILE:HG22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:44:ILE:HG23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:44:ILE:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:44:ILE:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:46:ALA:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:46:ALA:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:46:ALA:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:46:ALA:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:46:ALA:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:46:ALA:HB1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:46:ALA:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:46:ALA:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:46:ALA:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:46:ALA:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:47:GLY:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:47:GLY:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:47:GLY:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:47:GLY:HA2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:47:GLY:HA3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:47:GLY:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:47:GLY:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:48:LYS:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:48:LYS:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:48:LYS:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:48:LYS:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:48:LYS:CE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:48:LYS:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:48:LYS:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:48:LYS:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:48:LYS:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:48:LYS:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:48:LYS:HD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:48:LYS:HD3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:48:LYS:HE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:48:LYS:HE3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:48:LYS:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:48:LYS:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:48:LYS:HZ1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:48:LYS:HZ2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:48:LYS:HZ3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:48:LYS:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:48:LYS:NZ	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:C	1:A:48:LYS:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:49:GLN:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:49:GLN:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:49:GLN:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:49:GLN:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:49:GLN:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:49:GLN:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:49:GLN:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:49:GLN:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:49:GLN:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:49:GLN:HE21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:49:GLN:HE22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:49:GLN:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:49:GLN:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:49:GLN:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:49:GLN:NE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:49:GLN:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:49:GLN:OE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:51:GLU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:51:GLU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:51:GLU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:51:GLU:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:51:GLU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:51:GLU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:51:GLU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:51:GLU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:51:GLU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:51:GLU:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:51:GLU:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:51:GLU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:51:GLU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:51:GLU:OE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:51:GLU:OE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:52:ASP:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:52:ASP:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:52:ASP:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:52:ASP:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:52:ASP:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:52:ASP:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:52:ASP:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:52:ASP:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:52:ASP:N	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:C	1:A:52:ASP:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:52:ASP:OD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:52:ASP:OD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:64:GLU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:64:GLU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:64:GLU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:64:GLU:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:64:GLU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:64:GLU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:64:GLU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:64:GLU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:64:GLU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:64:GLU:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:64:GLU:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:64:GLU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:64:GLU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:64:GLU:OE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:64:GLU:OE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:68:HIS:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:68:HIS:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:68:HIS:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:68:HIS:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:68:HIS:CE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:68:HIS:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:68:HIS:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:68:HIS:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:68:HIS:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:68:HIS:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:68:HIS:HD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:68:HIS:HD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:68:HIS:HE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:68:HIS:HE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:68:HIS:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:68:HIS:ND1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:68:HIS:NE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:68:HIS:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:71:LEU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:71:LEU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:71:LEU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:71:LEU:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:71:LEU:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:71:LEU:CG	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:C	1:A:71:LEU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:71:LEU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:71:LEU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:71:LEU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:71:LEU:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:71:LEU:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:71:LEU:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:71:LEU:HD21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:71:LEU:HD22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:71:LEU:HD23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:71:LEU:HG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:71:LEU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:71:LEU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:72:ARG:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:72:ARG:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:72:ARG:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:72:ARG:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:72:ARG:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:72:ARG:CZ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:72:ARG:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:72:ARG:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:72:ARG:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:72:ARG:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:72:ARG:HD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:72:ARG:HD3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:72:ARG:HE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:72:ARG:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:72:ARG:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:72:ARG:HH11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:72:ARG:HH12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:72:ARG:HH21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:72:ARG:HH22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:72:ARG:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:72:ARG:NE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:72:ARG:NH1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:72:ARG:NH2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:72:ARG:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:73:LEU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:73:LEU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:73:LEU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:73:LEU:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:73:LEU:CD2	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:C	1:A:73:LEU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:73:LEU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:73:LEU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:73:LEU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:73:LEU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:73:LEU:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:73:LEU:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:73:LEU:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:73:LEU:HD21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:73:LEU:HD22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:73:LEU:HD23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:73:LEU:HG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:73:LEU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:73:LEU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:74:ARG:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:74:ARG:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:74:ARG:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:74:ARG:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:74:ARG:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:74:ARG:CZ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:74:ARG:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:74:ARG:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:74:ARG:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:74:ARG:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:74:ARG:HD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:74:ARG:HD3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:74:ARG:HE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:74:ARG:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:74:ARG:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:74:ARG:HH11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:74:ARG:HH12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:74:ARG:HH21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:74:ARG:HH22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:74:ARG:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:74:ARG:NE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:74:ARG:NH1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:74:ARG:NH2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:74:ARG:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:75:GLY:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:75:GLY:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:75:GLY:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:75:GLY:HA2	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:C	1:A:75:GLY:HA3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:75:GLY:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:75:GLY:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:76:GLY:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:76:GLY:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:76:GLY:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:76:GLY:HA2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:76:GLY:HA3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:76:GLY:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:C	1:A:76:GLY:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:2:GLN:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:2:GLN:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:2:GLN:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:2:GLN:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:2:GLN:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:2:GLN:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:2:GLN:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:2:GLN:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:2:GLN:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:2:GLN:HE21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:2:GLN:HE22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:2:GLN:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:2:GLN:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:2:GLN:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:2:GLN:NE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:2:GLN:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:2:GLN:OE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:HA	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:HD21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:HD21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:HD22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:HD22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:HD23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:HD23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:HG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:HG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:8:LEU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:9:THR:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:9:THR:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:9:THR:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:9:THR:CG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:9:THR:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:9:THR:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:9:THR:HB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:9:THR:HG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:9:THR:HG21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:9:THR:HG22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:9:THR:HG23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:9:THR:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:9:THR:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:9:THR:OG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:10:GLY:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:10:GLY:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:10:GLY:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:10:GLY:HA2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:10:GLY:HA3	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:CA	1:A:10:GLY:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:10:GLY:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:12:3X9:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:12:3X9:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:12:3X9:CAA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:12:3X9:CAB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:12:3X9:CAC	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:12:3X9:CAD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:12:3X9:CAI	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:12:3X9:CAJ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:12:3X9:CAO	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:12:3X9:CAR	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:12:3X9:CAS	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:12:3X9:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:12:3X9:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:12:3X9:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:12:3X9:HAA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:12:3X9:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:12:3X9:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:12:3X9:NAQ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:12:3X9:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:12:3X9:OAH	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:12:3X9:SAL	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:12:3X9:SG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:14:THR:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:14:THR:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:14:THR:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:14:THR:CG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:14:THR:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:14:THR:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:14:THR:HB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:14:THR:HG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:14:THR:HG21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:14:THR:HG22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:14:THR:HG23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:14:THR:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:14:THR:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:14:THR:OG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:39:ASP:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:39:ASP:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:39:ASP:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:39:ASP:CG	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:CA	1:A:39:ASP:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:39:ASP:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:39:ASP:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:39:ASP:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:39:ASP:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:39:ASP:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:39:ASP:OD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:39:ASP:OD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:44:ILE:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:44:ILE:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:44:ILE:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:44:ILE:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:44:ILE:CG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:44:ILE:CG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:44:ILE:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:44:ILE:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:44:ILE:HB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:44:ILE:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:44:ILE:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:44:ILE:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:44:ILE:HG12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:44:ILE:HG13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:44:ILE:HG21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:44:ILE:HG22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:44:ILE:HG23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:44:ILE:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:44:ILE:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:46:ALA:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:46:ALA:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:46:ALA:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:46:ALA:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:46:ALA:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:46:ALA:HB1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:46:ALA:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:46:ALA:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:46:ALA:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:46:ALA:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:47:GLY:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:47:GLY:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:47:GLY:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:47:GLY:HA2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:47:GLY:HA3	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:CA	1:A:47:GLY:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:47:GLY:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:48:LYS:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:48:LYS:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:48:LYS:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:48:LYS:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:48:LYS:CE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:48:LYS:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:48:LYS:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:48:LYS:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:48:LYS:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:48:LYS:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:48:LYS:HD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:48:LYS:HD3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:48:LYS:HE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:48:LYS:HE3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:48:LYS:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:48:LYS:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:48:LYS:HZ1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:48:LYS:HZ2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:48:LYS:HZ3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:48:LYS:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:48:LYS:NZ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:48:LYS:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:49:GLN:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:49:GLN:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:49:GLN:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:49:GLN:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:49:GLN:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:49:GLN:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:49:GLN:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:49:GLN:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:49:GLN:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:49:GLN:HE21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:49:GLN:HE22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:49:GLN:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:49:GLN:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:49:GLN:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:49:GLN:NE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:49:GLN:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:49:GLN:OE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:51:GLU:C	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:CA	1:A:51:GLU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:51:GLU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:51:GLU:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:51:GLU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:51:GLU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:51:GLU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:51:GLU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:51:GLU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:51:GLU:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:51:GLU:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:51:GLU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:51:GLU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:51:GLU:OE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:51:GLU:OE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:52:ASP:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:52:ASP:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:52:ASP:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:52:ASP:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:52:ASP:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:52:ASP:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:52:ASP:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:52:ASP:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:52:ASP:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:52:ASP:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:52:ASP:OD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:52:ASP:OD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:64:GLU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:64:GLU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:64:GLU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:64:GLU:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:64:GLU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:64:GLU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:64:GLU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:64:GLU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:64:GLU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:64:GLU:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:64:GLU:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:64:GLU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:64:GLU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:64:GLU:OE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:64:GLU:OE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:68:HIS:C	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:CA	1:A:68:HIS:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:68:HIS:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:68:HIS:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:68:HIS:CE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:68:HIS:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:68:HIS:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:68:HIS:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:68:HIS:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:68:HIS:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:68:HIS:HD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:68:HIS:HD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:68:HIS:HE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:68:HIS:HE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:68:HIS:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:68:HIS:ND1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:68:HIS:NE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:68:HIS:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:71:LEU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:71:LEU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:71:LEU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:71:LEU:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:71:LEU:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:71:LEU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:71:LEU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:71:LEU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:71:LEU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:71:LEU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:71:LEU:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:71:LEU:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:71:LEU:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:71:LEU:HD21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:71:LEU:HD22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:71:LEU:HD23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:71:LEU:HG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:71:LEU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:71:LEU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:72:ARG:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:72:ARG:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:72:ARG:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:72:ARG:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:72:ARG:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:72:ARG:CZ	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:CA	1:A:72:ARG:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:72:ARG:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:72:ARG:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:72:ARG:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:72:ARG:HD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:72:ARG:HD3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:72:ARG:HE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:72:ARG:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:72:ARG:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:72:ARG:HH11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:72:ARG:HH12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:72:ARG:HH21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:72:ARG:HH22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:72:ARG:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:72:ARG:NE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:72:ARG:NH1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:72:ARG:NH2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:72:ARG:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:73:LEU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:73:LEU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:73:LEU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:73:LEU:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:73:LEU:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:73:LEU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:73:LEU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:73:LEU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:73:LEU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:73:LEU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:73:LEU:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:73:LEU:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:73:LEU:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:73:LEU:HD21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:73:LEU:HD22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:73:LEU:HD23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:73:LEU:HG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:73:LEU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:73:LEU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:74:ARG:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:74:ARG:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:74:ARG:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:74:ARG:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:74:ARG:CG	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:CA	1:A:74:ARG:CZ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:74:ARG:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:74:ARG:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:74:ARG:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:74:ARG:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:74:ARG:HD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:74:ARG:HD3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:74:ARG:HE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:74:ARG:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:74:ARG:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:74:ARG:HH11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:74:ARG:HH12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:74:ARG:HH21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:74:ARG:HH22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:74:ARG:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:74:ARG:NE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:74:ARG:NH1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:74:ARG:NH2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:74:ARG:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:75:GLY:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:75:GLY:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:75:GLY:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:75:GLY:HA2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:75:GLY:HA3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:75:GLY:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:75:GLY:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:76:GLY:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:76:GLY:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:76:GLY:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:76:GLY:HA2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:76:GLY:HA3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:76:GLY:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:CA	1:A:76:GLY:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:2:GLN:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:2:GLN:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:2:GLN:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:2:GLN:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:2:GLN:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:2:GLN:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:2:GLN:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:2:GLN:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:2:GLN:HB3	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:H	1:A:2:GLN:HE21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:2:GLN:HE22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:2:GLN:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:2:GLN:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:2:GLN:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:2:GLN:NE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:2:GLN:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:2:GLN:OE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:HD21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:HD21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:HD22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:HD22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:HD23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:HD23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:HG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:HG	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:H	1:A:8:LEU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:8:LEU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:9:THR:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:9:THR:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:9:THR:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:9:THR:CG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:9:THR:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:9:THR:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:9:THR:HB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:9:THR:HG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:9:THR:HG21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:9:THR:HG22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:9:THR:HG23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:9:THR:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:9:THR:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:9:THR:OG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:10:GLY:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:10:GLY:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:10:GLY:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:10:GLY:HA2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:10:GLY:HA3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:10:GLY:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:10:GLY:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:12:3X9:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:12:3X9:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:12:3X9:CAA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:12:3X9:CAB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:12:3X9:CAC	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:12:3X9:CAD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:12:3X9:CAI	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:12:3X9:CAJ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:12:3X9:CAO	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:12:3X9:CAR	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:12:3X9:CAS	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:12:3X9:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:12:3X9:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:12:3X9:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:12:3X9:HAA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:12:3X9:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:12:3X9:N	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:H	1:A:12:3X9:NAQ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:12:3X9:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:12:3X9:OAH	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:12:3X9:SAL	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:12:3X9:SG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:14:THR:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:14:THR:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:14:THR:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:14:THR:CG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:14:THR:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:14:THR:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:14:THR:HB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:14:THR:HG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:14:THR:HG21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:14:THR:HG22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:14:THR:HG23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:14:THR:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:14:THR:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:14:THR:OG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:39:ASP:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:39:ASP:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:39:ASP:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:39:ASP:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:39:ASP:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:39:ASP:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:39:ASP:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:39:ASP:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:39:ASP:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:39:ASP:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:39:ASP:OD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:39:ASP:OD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:44:ILE:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:44:ILE:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:44:ILE:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:44:ILE:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:44:ILE:CG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:44:ILE:CG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:44:ILE:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:44:ILE:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:44:ILE:HB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:44:ILE:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:44:ILE:HD12	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:H	1:A:44:ILE:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:44:ILE:HG12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:44:ILE:HG13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:44:ILE:HG21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:44:ILE:HG22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:44:ILE:HG23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:44:ILE:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:44:ILE:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:46:ALA:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:46:ALA:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:46:ALA:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:46:ALA:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:46:ALA:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:46:ALA:HB1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:46:ALA:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:46:ALA:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:46:ALA:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:46:ALA:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:47:GLY:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:47:GLY:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:47:GLY:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:47:GLY:HA2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:47:GLY:HA3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:47:GLY:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:47:GLY:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:48:LYS:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:48:LYS:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:48:LYS:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:48:LYS:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:48:LYS:CE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:48:LYS:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:48:LYS:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:48:LYS:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:48:LYS:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:48:LYS:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:48:LYS:HD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:48:LYS:HD3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:48:LYS:HE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:48:LYS:HE3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:48:LYS:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:48:LYS:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:48:LYS:HZ1	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:H	1:A:48:LYS:HZ2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:48:LYS:HZ3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:48:LYS:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:48:LYS:NZ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:48:LYS:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:49:GLN:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:49:GLN:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:49:GLN:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:49:GLN:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:49:GLN:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:49:GLN:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:49:GLN:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:49:GLN:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:49:GLN:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:49:GLN:HE21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:49:GLN:HE22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:49:GLN:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:49:GLN:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:49:GLN:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:49:GLN:NE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:49:GLN:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:49:GLN:OE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:51:GLU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:51:GLU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:51:GLU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:51:GLU:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:51:GLU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:51:GLU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:51:GLU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:51:GLU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:51:GLU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:51:GLU:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:51:GLU:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:51:GLU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:51:GLU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:51:GLU:OE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:51:GLU:OE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:52:ASP:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:52:ASP:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:52:ASP:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:52:ASP:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:52:ASP:H	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:H	1:A:52:ASP:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:52:ASP:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:52:ASP:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:52:ASP:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:52:ASP:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:52:ASP:OD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:52:ASP:OD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:64:GLU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:64:GLU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:64:GLU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:64:GLU:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:64:GLU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:64:GLU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:64:GLU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:64:GLU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:64:GLU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:64:GLU:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:64:GLU:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:64:GLU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:64:GLU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:64:GLU:OE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:64:GLU:OE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:68:HIS:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:68:HIS:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:68:HIS:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:68:HIS:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:68:HIS:CE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:68:HIS:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:68:HIS:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:68:HIS:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:68:HIS:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:68:HIS:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:68:HIS:HD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:68:HIS:HD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:68:HIS:HE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:68:HIS:HE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:68:HIS:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:68:HIS:ND1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:68:HIS:NE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:68:HIS:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:71:LEU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:71:LEU:CA	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:H	1:A:71:LEU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:71:LEU:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:71:LEU:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:71:LEU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:71:LEU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:71:LEU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:71:LEU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:71:LEU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:71:LEU:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:71:LEU:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:71:LEU:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:71:LEU:HD21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:71:LEU:HD22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:71:LEU:HD23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:71:LEU:HG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:71:LEU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:71:LEU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:72:ARG:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:72:ARG:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:72:ARG:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:72:ARG:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:72:ARG:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:72:ARG:CZ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:72:ARG:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:72:ARG:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:72:ARG:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:72:ARG:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:72:ARG:HD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:72:ARG:HD3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:72:ARG:HE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:72:ARG:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:72:ARG:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:72:ARG:HH11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:72:ARG:HH12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:72:ARG:HH21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:72:ARG:HH22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:72:ARG:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:72:ARG:NE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:72:ARG:NH1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:72:ARG:NH2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:72:ARG:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:73:LEU:C	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:H	1:A:73:LEU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:73:LEU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:73:LEU:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:73:LEU:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:73:LEU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:73:LEU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:73:LEU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:73:LEU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:73:LEU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:73:LEU:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:73:LEU:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:73:LEU:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:73:LEU:HD21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:73:LEU:HD22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:73:LEU:HD23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:73:LEU:HG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:73:LEU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:73:LEU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:74:ARG:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:74:ARG:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:74:ARG:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:74:ARG:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:74:ARG:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:74:ARG:CZ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:74:ARG:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:74:ARG:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:74:ARG:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:74:ARG:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:74:ARG:HD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:74:ARG:HD3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:74:ARG:HE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:74:ARG:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:74:ARG:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:74:ARG:HH11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:74:ARG:HH12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:74:ARG:HH21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:74:ARG:HH22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:74:ARG:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:74:ARG:NE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:74:ARG:NH1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:74:ARG:NH2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:74:ARG:O	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:H	1:A:75:GLY:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:75:GLY:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:75:GLY:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:75:GLY:HA2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:75:GLY:HA3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:75:GLY:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:75:GLY:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:76:GLY:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:76:GLY:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:76:GLY:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:76:GLY:HA2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:76:GLY:HA3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:76:GLY:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:H	1:A:76:GLY:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:2:GLN:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:2:GLN:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:2:GLN:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:2:GLN:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:2:GLN:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:2:GLN:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:2:GLN:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:2:GLN:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:2:GLN:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:2:GLN:HE21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:2:GLN:HE22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:2:GLN:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:2:GLN:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:2:GLN:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:2:GLN:NE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:2:GLN:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:2:GLN:OE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:CG	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:HD21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:HD21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:HD22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:HD22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:HD23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:HD23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:HG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:HG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:8:LEU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:9:THR:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:9:THR:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:9:THR:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:9:THR:CG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:9:THR:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:9:THR:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:9:THR:HB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:9:THR:HG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:9:THR:HG21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:9:THR:HG22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:9:THR:HG23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:9:THR:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:9:THR:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:9:THR:OG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:10:GLY:C	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:HA2	1:A:10:GLY:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:10:GLY:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:10:GLY:HA2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:10:GLY:HA3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:10:GLY:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:10:GLY:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:12:3X9:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:12:3X9:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:12:3X9:CAA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:12:3X9:CAB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:12:3X9:CAC	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:12:3X9:CAD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:12:3X9:CAI	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:12:3X9:CAJ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:12:3X9:CAO	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:12:3X9:CAR	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:12:3X9:CAS	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:12:3X9:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:12:3X9:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:12:3X9:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:12:3X9:HAA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:12:3X9:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:12:3X9:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:12:3X9:NAQ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:12:3X9:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:12:3X9:OAH	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:12:3X9:SAL	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:12:3X9:SG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:14:THR:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:14:THR:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:14:THR:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:14:THR:CG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:14:THR:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:14:THR:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:14:THR:HB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:14:THR:HG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:14:THR:HG21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:14:THR:HG22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:14:THR:HG23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:14:THR:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:14:THR:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:14:THR:OG1	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:HA2	1:A:39:ASP:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:39:ASP:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:39:ASP:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:39:ASP:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:39:ASP:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:39:ASP:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:39:ASP:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:39:ASP:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:39:ASP:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:39:ASP:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:39:ASP:OD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:39:ASP:OD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:44:ILE:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:44:ILE:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:44:ILE:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:44:ILE:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:44:ILE:CG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:44:ILE:CG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:44:ILE:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:44:ILE:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:44:ILE:HB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:44:ILE:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:44:ILE:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:44:ILE:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:44:ILE:HG12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:44:ILE:HG13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:44:ILE:HG21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:44:ILE:HG22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:44:ILE:HG23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:44:ILE:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:44:ILE:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:46:ALA:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:46:ALA:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:46:ALA:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:46:ALA:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:46:ALA:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:46:ALA:HB1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:46:ALA:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:46:ALA:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:46:ALA:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:46:ALA:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:47:GLY:C	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:HA2	1:A:47:GLY:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:47:GLY:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:47:GLY:HA2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:47:GLY:HA3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:47:GLY:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:47:GLY:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:48:LYS:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:48:LYS:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:48:LYS:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:48:LYS:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:48:LYS:CE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:48:LYS:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:48:LYS:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:48:LYS:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:48:LYS:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:48:LYS:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:48:LYS:HD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:48:LYS:HD3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:48:LYS:HE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:48:LYS:HE3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:48:LYS:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:48:LYS:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:48:LYS:HZ1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:48:LYS:HZ2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:48:LYS:HZ3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:48:LYS:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:48:LYS:NZ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:48:LYS:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:49:GLN:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:49:GLN:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:49:GLN:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:49:GLN:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:49:GLN:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:49:GLN:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:49:GLN:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:49:GLN:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:49:GLN:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:49:GLN:HE21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:49:GLN:HE22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:49:GLN:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:49:GLN:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:49:GLN:N	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:HA2	1:A:49:GLN:NE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:49:GLN:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:49:GLN:OE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:51:GLU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:51:GLU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:51:GLU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:51:GLU:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:51:GLU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:51:GLU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:51:GLU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:51:GLU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:51:GLU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:51:GLU:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:51:GLU:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:51:GLU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:51:GLU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:51:GLU:OE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:51:GLU:OE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:52:ASP:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:52:ASP:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:52:ASP:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:52:ASP:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:52:ASP:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:52:ASP:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:52:ASP:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:52:ASP:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:52:ASP:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:52:ASP:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:52:ASP:OD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:52:ASP:OD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:64:GLU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:64:GLU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:64:GLU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:64:GLU:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:64:GLU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:64:GLU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:64:GLU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:64:GLU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:64:GLU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:64:GLU:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:64:GLU:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:64:GLU:N	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:HA2	1:A:64:GLU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:64:GLU:OE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:64:GLU:OE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:68:HIS:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:68:HIS:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:68:HIS:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:68:HIS:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:68:HIS:CE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:68:HIS:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:68:HIS:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:68:HIS:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:68:HIS:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:68:HIS:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:68:HIS:HD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:68:HIS:HD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:68:HIS:HE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:68:HIS:HE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:68:HIS:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:68:HIS:ND1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:68:HIS:NE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:68:HIS:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:71:LEU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:71:LEU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:71:LEU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:71:LEU:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:71:LEU:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:71:LEU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:71:LEU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:71:LEU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:71:LEU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:71:LEU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:71:LEU:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:71:LEU:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:71:LEU:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:71:LEU:HD21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:71:LEU:HD22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:71:LEU:HD23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:71:LEU:HG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:71:LEU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:71:LEU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:72:ARG:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:72:ARG:CA	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:HA2	1:A:72:ARG:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:72:ARG:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:72:ARG:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:72:ARG:CZ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:72:ARG:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:72:ARG:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:72:ARG:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:72:ARG:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:72:ARG:HD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:72:ARG:HD3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:72:ARG:HE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:72:ARG:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:72:ARG:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:72:ARG:HH11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:72:ARG:HH12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:72:ARG:HH21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:72:ARG:HH22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:72:ARG:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:72:ARG:NE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:72:ARG:NH1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:72:ARG:NH2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:72:ARG:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:73:LEU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:73:LEU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:73:LEU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:73:LEU:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:73:LEU:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:73:LEU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:73:LEU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:73:LEU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:73:LEU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:73:LEU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:73:LEU:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:73:LEU:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:73:LEU:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:73:LEU:HD21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:73:LEU:HD22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:73:LEU:HD23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:73:LEU:HG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:73:LEU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:73:LEU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:74:ARG:C	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:HA2	1:A:74:ARG:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:74:ARG:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:74:ARG:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:74:ARG:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:74:ARG:CZ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:74:ARG:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:74:ARG:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:74:ARG:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:74:ARG:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:74:ARG:HD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:74:ARG:HD3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:74:ARG:HE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:74:ARG:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:74:ARG:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:74:ARG:HH11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:74:ARG:HH12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:74:ARG:HH21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:74:ARG:HH22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:74:ARG:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:74:ARG:NE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:74:ARG:NH1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:74:ARG:NH2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:74:ARG:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:75:GLY:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:75:GLY:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:75:GLY:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:75:GLY:HA2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:75:GLY:HA3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:75:GLY:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:75:GLY:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:76:GLY:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:76:GLY:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:76:GLY:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:76:GLY:HA2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:76:GLY:HA3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:76:GLY:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA2	1:A:76:GLY:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:2:GLN:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:2:GLN:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:2:GLN:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:2:GLN:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:2:GLN:CG	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:HA3	1:A:2:GLN:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:2:GLN:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:2:GLN:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:2:GLN:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:2:GLN:HE21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:2:GLN:HE22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:2:GLN:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:2:GLN:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:2:GLN:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:2:GLN:NE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:2:GLN:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:2:GLN:OE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:HD21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:HD21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:HD22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:HD22	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:HD23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:HD23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:HG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:HG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:8:LEU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:9:THR:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:9:THR:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:9:THR:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:9:THR:CG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:9:THR:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:9:THR:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:9:THR:HB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:9:THR:HG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:9:THR:HG21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:9:THR:HG22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:9:THR:HG23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:9:THR:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:9:THR:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:9:THR:OG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:10:GLY:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:10:GLY:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:10:GLY:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:10:GLY:HA2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:10:GLY:HA3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:10:GLY:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:10:GLY:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:12:3X9:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:12:3X9:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:12:3X9:CAA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:12:3X9:CAB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:12:3X9:CAC	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:12:3X9:CAD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:12:3X9:CAI	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:12:3X9:CAJ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:12:3X9:CAO	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:12:3X9:CAR	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:12:3X9:CAS	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:12:3X9:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:12:3X9:H	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:HA3	1:A:12:3X9:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:12:3X9:HAA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:12:3X9:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:12:3X9:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:12:3X9:NAQ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:12:3X9:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:12:3X9:OAH	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:12:3X9:SAL	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:12:3X9:SG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:14:THR:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:14:THR:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:14:THR:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:14:THR:CG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:14:THR:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:14:THR:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:14:THR:HB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:14:THR:HG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:14:THR:HG21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:14:THR:HG22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:14:THR:HG23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:14:THR:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:14:THR:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:14:THR:OG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:39:ASP:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:39:ASP:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:39:ASP:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:39:ASP:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:39:ASP:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:39:ASP:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:39:ASP:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:39:ASP:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:39:ASP:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:39:ASP:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:39:ASP:OD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:39:ASP:OD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:44:ILE:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:44:ILE:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:44:ILE:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:44:ILE:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:44:ILE:CG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:44:ILE:CG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:44:ILE:H	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:HA3	1:A:44:ILE:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:44:ILE:HB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:44:ILE:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:44:ILE:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:44:ILE:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:44:ILE:HG12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:44:ILE:HG13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:44:ILE:HG21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:44:ILE:HG22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:44:ILE:HG23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:44:ILE:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:44:ILE:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:46:ALA:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:46:ALA:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:46:ALA:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:46:ALA:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:46:ALA:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:46:ALA:HB1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:46:ALA:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:46:ALA:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:46:ALA:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:46:ALA:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:47:GLY:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:47:GLY:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:47:GLY:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:47:GLY:HA2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:47:GLY:HA3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:47:GLY:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:47:GLY:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:48:LYS:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:48:LYS:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:48:LYS:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:48:LYS:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:48:LYS:CE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:48:LYS:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:48:LYS:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:48:LYS:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:48:LYS:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:48:LYS:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:48:LYS:HD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:48:LYS:HD3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:48:LYS:HE2	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:HA3	1:A:48:LYS:HE3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:48:LYS:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:48:LYS:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:48:LYS:HZ1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:48:LYS:HZ2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:48:LYS:HZ3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:48:LYS:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:48:LYS:NZ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:48:LYS:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:49:GLN:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:49:GLN:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:49:GLN:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:49:GLN:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:49:GLN:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:49:GLN:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:49:GLN:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:49:GLN:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:49:GLN:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:49:GLN:HE21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:49:GLN:HE22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:49:GLN:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:49:GLN:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:49:GLN:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:49:GLN:NE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:49:GLN:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:49:GLN:OE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:51:GLU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:51:GLU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:51:GLU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:51:GLU:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:51:GLU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:51:GLU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:51:GLU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:51:GLU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:51:GLU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:51:GLU:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:51:GLU:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:51:GLU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:51:GLU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:51:GLU:OE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:51:GLU:OE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:52:ASP:C	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:HA3	1:A:52:ASP:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:52:ASP:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:52:ASP:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:52:ASP:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:52:ASP:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:52:ASP:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:52:ASP:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:52:ASP:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:52:ASP:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:52:ASP:OD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:52:ASP:OD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:64:GLU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:64:GLU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:64:GLU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:64:GLU:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:64:GLU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:64:GLU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:64:GLU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:64:GLU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:64:GLU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:64:GLU:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:64:GLU:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:64:GLU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:64:GLU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:64:GLU:OE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:64:GLU:OE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:68:HIS:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:68:HIS:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:68:HIS:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:68:HIS:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:68:HIS:CE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:68:HIS:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:68:HIS:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:68:HIS:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:68:HIS:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:68:HIS:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:68:HIS:HD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:68:HIS:HD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:68:HIS:HE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:68:HIS:HE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:68:HIS:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:68:HIS:ND1	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:HA3	1:A:68:HIS:NE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:68:HIS:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:71:LEU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:71:LEU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:71:LEU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:71:LEU:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:71:LEU:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:71:LEU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:71:LEU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:71:LEU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:71:LEU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:71:LEU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:71:LEU:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:71:LEU:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:71:LEU:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:71:LEU:HD21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:71:LEU:HD22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:71:LEU:HD23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:71:LEU:HG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:71:LEU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:71:LEU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:72:ARG:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:72:ARG:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:72:ARG:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:72:ARG:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:72:ARG:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:72:ARG:CZ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:72:ARG:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:72:ARG:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:72:ARG:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:72:ARG:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:72:ARG:HD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:72:ARG:HD3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:72:ARG:HE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:72:ARG:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:72:ARG:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:72:ARG:HH11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:72:ARG:HH12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:72:ARG:HH21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:72:ARG:HH22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:72:ARG:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:72:ARG:NE	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:HA3	1:A:72:ARG:NH1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:72:ARG:NH2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:72:ARG:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:73:LEU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:73:LEU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:73:LEU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:73:LEU:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:73:LEU:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:73:LEU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:73:LEU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:73:LEU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:73:LEU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:73:LEU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:73:LEU:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:73:LEU:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:73:LEU:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:73:LEU:HD21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:73:LEU:HD22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:73:LEU:HD23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:73:LEU:HG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:73:LEU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:73:LEU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:74:ARG:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:74:ARG:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:74:ARG:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:74:ARG:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:74:ARG:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:74:ARG:CZ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:74:ARG:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:74:ARG:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:74:ARG:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:74:ARG:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:74:ARG:HD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:74:ARG:HD3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:74:ARG:HE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:74:ARG:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:74:ARG:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:74:ARG:HH11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:74:ARG:HH12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:74:ARG:HH21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:74:ARG:HH22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:74:ARG:N	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:HA3	1:A:74:ARG:NE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:74:ARG:NH1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:74:ARG:NH2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:74:ARG:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:75:GLY:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:75:GLY:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:75:GLY:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:75:GLY:HA2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:75:GLY:HA3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:75:GLY:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:75:GLY:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:76:GLY:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:76:GLY:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:76:GLY:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:76:GLY:HA2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:76:GLY:HA3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:76:GLY:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:HA3	1:A:76:GLY:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:2:GLN:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:2:GLN:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:2:GLN:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:2:GLN:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:2:GLN:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:2:GLN:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:2:GLN:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:2:GLN:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:2:GLN:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:2:GLN:HE21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:2:GLN:HE22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:2:GLN:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:2:GLN:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:2:GLN:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:2:GLN:NE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:2:GLN:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:2:GLN:OE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:CD1	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:N	1:A:8:LEU:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:HD21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:HD21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:HD22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:HD22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:HD23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:HD23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:HG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:HG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:8:LEU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:9:THR:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:9:THR:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:9:THR:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:9:THR:CG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:9:THR:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:9:THR:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:9:THR:HB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:9:THR:HG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:9:THR:HG21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:9:THR:HG22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:9:THR:HG23	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:N	1:A:9:THR:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:9:THR:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:9:THR:OG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:10:GLY:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:10:GLY:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:10:GLY:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:10:GLY:HA2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:10:GLY:HA3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:10:GLY:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:10:GLY:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:12:3X9:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:12:3X9:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:12:3X9:CAA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:12:3X9:CAB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:12:3X9:CAC	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:12:3X9:CAD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:12:3X9:CAI	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:12:3X9:CAJ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:12:3X9:CAO	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:12:3X9:CAR	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:12:3X9:CAS	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:12:3X9:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:12:3X9:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:12:3X9:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:12:3X9:HAA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:12:3X9:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:12:3X9:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:12:3X9:NAQ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:12:3X9:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:12:3X9:OAH	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:12:3X9:SAL	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:12:3X9:SG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:14:THR:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:14:THR:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:14:THR:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:14:THR:CG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:14:THR:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:14:THR:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:14:THR:HB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:14:THR:HG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:14:THR:HG21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:14:THR:HG22	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:N	1:A:14:THR:HG23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:14:THR:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:14:THR:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:14:THR:OG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:39:ASP:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:39:ASP:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:39:ASP:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:39:ASP:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:39:ASP:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:39:ASP:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:39:ASP:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:39:ASP:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:39:ASP:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:39:ASP:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:39:ASP:OD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:39:ASP:OD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:44:ILE:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:44:ILE:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:44:ILE:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:44:ILE:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:44:ILE:CG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:44:ILE:CG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:44:ILE:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:44:ILE:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:44:ILE:HB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:44:ILE:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:44:ILE:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:44:ILE:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:44:ILE:HG12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:44:ILE:HG13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:44:ILE:HG21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:44:ILE:HG22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:44:ILE:HG23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:44:ILE:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:44:ILE:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:46:ALA:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:46:ALA:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:46:ALA:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:46:ALA:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:46:ALA:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:46:ALA:HB1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:46:ALA:HB2	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:N	1:A:46:ALA:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:46:ALA:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:46:ALA:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:47:GLY:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:47:GLY:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:47:GLY:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:47:GLY:HA2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:47:GLY:HA3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:47:GLY:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:47:GLY:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:48:LYS:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:48:LYS:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:48:LYS:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:48:LYS:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:48:LYS:CE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:48:LYS:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:48:LYS:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:48:LYS:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:48:LYS:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:48:LYS:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:48:LYS:HD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:48:LYS:HD3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:48:LYS:HE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:48:LYS:HE3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:48:LYS:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:48:LYS:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:48:LYS:HZ1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:48:LYS:HZ2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:48:LYS:HZ3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:48:LYS:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:48:LYS:NZ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:48:LYS:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:49:GLN:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:49:GLN:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:49:GLN:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:49:GLN:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:49:GLN:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:49:GLN:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:49:GLN:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:49:GLN:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:49:GLN:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:49:GLN:HE21	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:N	1:A:49:GLN:HE22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:49:GLN:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:49:GLN:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:49:GLN:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:49:GLN:NE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:49:GLN:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:49:GLN:OE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:51:GLU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:51:GLU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:51:GLU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:51:GLU:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:51:GLU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:51:GLU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:51:GLU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:51:GLU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:51:GLU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:51:GLU:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:51:GLU:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:51:GLU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:51:GLU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:51:GLU:OE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:51:GLU:OE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:52:ASP:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:52:ASP:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:52:ASP:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:52:ASP:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:52:ASP:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:52:ASP:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:52:ASP:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:52:ASP:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:52:ASP:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:52:ASP:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:52:ASP:OD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:52:ASP:OD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:64:GLU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:64:GLU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:64:GLU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:64:GLU:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:64:GLU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:64:GLU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:64:GLU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:64:GLU:HB2	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:N	1:A:64:GLU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:64:GLU:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:64:GLU:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:64:GLU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:64:GLU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:64:GLU:OE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:64:GLU:OE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:68:HIS:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:68:HIS:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:68:HIS:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:68:HIS:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:68:HIS:CE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:68:HIS:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:68:HIS:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:68:HIS:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:68:HIS:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:68:HIS:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:68:HIS:HD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:68:HIS:HD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:68:HIS:HE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:68:HIS:HE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:68:HIS:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:68:HIS:ND1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:68:HIS:NE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:68:HIS:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:71:LEU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:71:LEU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:71:LEU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:71:LEU:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:71:LEU:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:71:LEU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:71:LEU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:71:LEU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:71:LEU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:71:LEU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:71:LEU:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:71:LEU:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:71:LEU:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:71:LEU:HD21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:71:LEU:HD22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:71:LEU:HD23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:71:LEU:HG	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:N	1:A:71:LEU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:71:LEU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:72:ARG:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:72:ARG:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:72:ARG:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:72:ARG:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:72:ARG:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:72:ARG:CZ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:72:ARG:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:72:ARG:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:72:ARG:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:72:ARG:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:72:ARG:HD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:72:ARG:HD3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:72:ARG:HE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:72:ARG:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:72:ARG:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:72:ARG:HH11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:72:ARG:HH12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:72:ARG:HH21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:72:ARG:HH22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:72:ARG:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:72:ARG:NE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:72:ARG:NH1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:72:ARG:NH2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:72:ARG:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:73:LEU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:73:LEU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:73:LEU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:73:LEU:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:73:LEU:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:73:LEU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:73:LEU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:73:LEU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:73:LEU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:73:LEU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:73:LEU:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:73:LEU:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:73:LEU:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:73:LEU:HD21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:73:LEU:HD22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:73:LEU:HD23	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:N	1:A:73:LEU:HG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:73:LEU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:73:LEU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:74:ARG:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:74:ARG:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:74:ARG:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:74:ARG:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:74:ARG:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:74:ARG:CZ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:74:ARG:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:74:ARG:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:74:ARG:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:74:ARG:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:74:ARG:HD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:74:ARG:HD3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:74:ARG:HE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:74:ARG:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:74:ARG:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:74:ARG:HH11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:74:ARG:HH12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:74:ARG:HH21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:74:ARG:HH22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:74:ARG:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:74:ARG:NE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:74:ARG:NH1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:74:ARG:NH2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:74:ARG:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:75:GLY:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:75:GLY:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:75:GLY:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:75:GLY:HA2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:75:GLY:HA3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:75:GLY:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:75:GLY:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:76:GLY:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:76:GLY:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:76:GLY:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:76:GLY:HA2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:76:GLY:HA3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:76:GLY:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:N	1:A:76:GLY:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:2:GLN:C	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:O	1:A:2:GLN:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:2:GLN:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:2:GLN:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:2:GLN:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:2:GLN:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:2:GLN:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:2:GLN:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:2:GLN:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:2:GLN:HE21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:2:GLN:HE22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:2:GLN:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:2:GLN:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:2:GLN:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:2:GLN:NE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:2:GLN:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:2:GLN:OE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:HD13	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:O	1:A:8:LEU:HD21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:HD21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:HD22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:HD22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:HD23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:HD23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:HG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:HG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:8:LEU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:9:THR:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:9:THR:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:9:THR:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:9:THR:CG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:9:THR:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:9:THR:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:9:THR:HB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:9:THR:HG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:9:THR:HG21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:9:THR:HG22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:9:THR:HG23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:9:THR:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:9:THR:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:9:THR:OG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:10:GLY:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:10:GLY:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:10:GLY:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:10:GLY:HA2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:10:GLY:HA3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:10:GLY:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:10:GLY:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:12:3X9:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:12:3X9:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:12:3X9:CAA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:12:3X9:CAB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:12:3X9:CAC	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:12:3X9:CAD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:12:3X9:CAI	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:12:3X9:CAJ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:12:3X9:CAO	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:O	1:A:12:3X9:CAR	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:12:3X9:CAS	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:12:3X9:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:12:3X9:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:12:3X9:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:12:3X9:HAA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:12:3X9:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:12:3X9:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:12:3X9:NAQ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:12:3X9:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:12:3X9:OAH	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:12:3X9:SAL	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:12:3X9:SG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:14:THR:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:14:THR:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:14:THR:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:14:THR:CG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:14:THR:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:14:THR:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:14:THR:HB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:14:THR:HG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:14:THR:HG21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:14:THR:HG22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:14:THR:HG23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:14:THR:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:14:THR:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:14:THR:OG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:39:ASP:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:39:ASP:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:39:ASP:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:39:ASP:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:39:ASP:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:39:ASP:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:39:ASP:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:39:ASP:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:39:ASP:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:39:ASP:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:39:ASP:OD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:39:ASP:OD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:44:ILE:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:44:ILE:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:44:ILE:CB	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:O	1:A:44:ILE:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:44:ILE:CG1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:44:ILE:CG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:44:ILE:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:44:ILE:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:44:ILE:HB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:44:ILE:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:44:ILE:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:44:ILE:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:44:ILE:HG12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:44:ILE:HG13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:44:ILE:HG21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:44:ILE:HG22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:44:ILE:HG23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:44:ILE:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:44:ILE:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:46:ALA:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:46:ALA:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:46:ALA:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:46:ALA:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:46:ALA:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:46:ALA:HB1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:46:ALA:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:46:ALA:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:46:ALA:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:46:ALA:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:47:GLY:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:47:GLY:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:47:GLY:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:47:GLY:HA2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:47:GLY:HA3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:47:GLY:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:47:GLY:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:48:LYS:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:48:LYS:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:48:LYS:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:48:LYS:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:48:LYS:CE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:48:LYS:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:48:LYS:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:48:LYS:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:48:LYS:HB2	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:O	1:A:48:LYS:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:48:LYS:HD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:48:LYS:HD3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:48:LYS:HE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:48:LYS:HE3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:48:LYS:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:48:LYS:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:48:LYS:HZ1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:48:LYS:HZ2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:48:LYS:HZ3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:48:LYS:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:48:LYS:NZ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:48:LYS:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:49:GLN:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:49:GLN:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:49:GLN:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:49:GLN:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:49:GLN:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:49:GLN:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:49:GLN:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:49:GLN:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:49:GLN:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:49:GLN:HE21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:49:GLN:HE22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:49:GLN:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:49:GLN:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:49:GLN:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:49:GLN:NE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:49:GLN:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:49:GLN:OE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:51:GLU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:51:GLU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:51:GLU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:51:GLU:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:51:GLU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:51:GLU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:51:GLU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:51:GLU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:51:GLU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:51:GLU:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:51:GLU:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:51:GLU:N	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:O	1:A:51:GLU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:51:GLU:OE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:51:GLU:OE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:52:ASP:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:52:ASP:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:52:ASP:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:52:ASP:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:52:ASP:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:52:ASP:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:52:ASP:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:52:ASP:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:52:ASP:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:52:ASP:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:52:ASP:OD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:52:ASP:OD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:64:GLU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:64:GLU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:64:GLU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:64:GLU:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:64:GLU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:64:GLU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:64:GLU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:64:GLU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:64:GLU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:64:GLU:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:64:GLU:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:64:GLU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:64:GLU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:64:GLU:OE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:64:GLU:OE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:68:HIS:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:68:HIS:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:68:HIS:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:68:HIS:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:68:HIS:CE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:68:HIS:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:68:HIS:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:68:HIS:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:68:HIS:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:68:HIS:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:68:HIS:HD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:68:HIS:HD2	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:O	1:A:68:HIS:HE1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:68:HIS:HE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:68:HIS:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:68:HIS:ND1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:68:HIS:NE2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:68:HIS:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:71:LEU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:71:LEU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:71:LEU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:71:LEU:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:71:LEU:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:71:LEU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:71:LEU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:71:LEU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:71:LEU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:71:LEU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:71:LEU:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:71:LEU:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:71:LEU:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:71:LEU:HD21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:71:LEU:HD22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:71:LEU:HD23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:71:LEU:HG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:71:LEU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:71:LEU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:72:ARG:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:72:ARG:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:72:ARG:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:72:ARG:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:72:ARG:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:72:ARG:CZ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:72:ARG:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:72:ARG:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:72:ARG:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:72:ARG:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:72:ARG:HD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:72:ARG:HD3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:72:ARG:HE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:72:ARG:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:72:ARG:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:72:ARG:HH11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:72:ARG:HH12	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:O	1:A:72:ARG:HH21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:72:ARG:HH22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:72:ARG:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:72:ARG:NE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:72:ARG:NH1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:72:ARG:NH2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:72:ARG:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:73:LEU:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:73:LEU:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:73:LEU:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:73:LEU:CD1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:73:LEU:CD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:73:LEU:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:73:LEU:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:73:LEU:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:73:LEU:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:73:LEU:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:73:LEU:HD11	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:73:LEU:HD12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:73:LEU:HD13	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:73:LEU:HD21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:73:LEU:HD22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:73:LEU:HD23	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:73:LEU:HG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:73:LEU:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:73:LEU:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:74:ARG:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:74:ARG:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:74:ARG:CB	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:74:ARG:CD	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:74:ARG:CG	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:74:ARG:CZ	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:74:ARG:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:74:ARG:HA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:74:ARG:HB2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:74:ARG:HB3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:74:ARG:HD2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:74:ARG:HD3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:74:ARG:HE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:74:ARG:HG2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:74:ARG:HG3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:74:ARG:HH11	5	0.68	0.39	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:15:GLY:O	1:A:74:ARG:HH12	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:74:ARG:HH21	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:74:ARG:HH22	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:74:ARG:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:74:ARG:NE	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:74:ARG:NH1	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:74:ARG:NH2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:74:ARG:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:75:GLY:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:75:GLY:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:75:GLY:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:75:GLY:HA2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:75:GLY:HA3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:75:GLY:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:75:GLY:O	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:76:GLY:C	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:76:GLY:CA	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:76:GLY:H	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:76:GLY:HA2	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:76:GLY:HA3	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:76:GLY:N	5	0.68	0.39	0.83
(1,14)	2:B:15:GLY:O	1:A:76:GLY:O	5	0.68	0.39	0.83
(1,10)	1:A:72:ARG:C	2:B:6:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:6:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:6:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:6:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:6:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:6:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:6:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:6:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:6:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:6:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:6:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:9:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:9:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:9:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:9:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:9:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:9:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:9:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:9:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:9:LEU:HB2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:C	2:B:9:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:9:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:9:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:9:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:9:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:9:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:9:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:9:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:9:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:9:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:10:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:10:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:10:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:10:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:10:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:10:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:10:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:10:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:10:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:10:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:10:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:10:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:10:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:10:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:11:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:11:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:11:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:11:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:11:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:11:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:11:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:12:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:12:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:12:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:12:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:12:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:12:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:12:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:12:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:12:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:12:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:12:GLU:HG3	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:C	2:B:12:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:12:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:12:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:12:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:15:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:15:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:15:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:15:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:15:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:15:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:15:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:16:PRO:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:16:PRO:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:16:PRO:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:16:PRO:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:16:PRO:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:16:PRO:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:16:PRO:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:16:PRO:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:16:PRO:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:16:PRO:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:16:PRO:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:16:PRO:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:16:PRO:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:16:PRO:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:17:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:17:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:17:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:17:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:17:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:17:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:17:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:17:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:17:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:17:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:17:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:17:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:17:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:17:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:17:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:17:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:17:ILE:HG23	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:C	2:B:17:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:17:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:21:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:21:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:21:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:21:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:21:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:21:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:21:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:21:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:21:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:21:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:21:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:21:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:21:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:21:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:21:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:44:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:44:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:44:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:44:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:44:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:44:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:44:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:44:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:44:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:44:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:44:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:44:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:46:TYR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:46:TYR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:46:TYR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:46:TYR:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:46:TYR:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:46:TYR:CE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:46:TYR:CE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:46:TYR:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:46:TYR:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:46:TYR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:46:TYR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:46:TYR:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:46:TYR:HB3	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:C	2:B:46:TYR:HD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:46:TYR:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:46:TYR:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:46:TYR:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:46:TYR:HH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:46:TYR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:46:TYR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:46:TYR:OH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:48:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:48:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:48:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:48:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:48:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:48:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:48:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:48:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:48:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:48:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:48:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:48:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:48:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:48:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:49:MET:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:49:MET:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:49:MET:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:49:MET:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:49:MET:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:49:MET:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:49:MET:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:49:MET:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:49:MET:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:49:MET:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:49:MET:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:49:MET:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:49:MET:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:49:MET:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:49:MET:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:49:MET:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:49:MET:SD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:50:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:50:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:50:ASP:CB	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:C	2:B:50:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:50:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:50:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:50:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:50:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:50:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:50:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:50:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:50:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:51:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:51:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:51:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:51:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:51:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:51:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:51:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:51:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:51:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:51:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:51:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:51:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:51:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:51:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:51:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:51:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:51:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:51:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:51:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:53:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:53:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:53:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:53:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:53:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:53:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:53:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:53:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:53:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:53:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:53:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:53:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:54:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:54:SER:CA	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:C	2:B:54:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:54:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:54:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:54:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:54:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:54:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:54:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:54:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:54:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:55:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:55:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:55:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:55:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:55:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:55:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:55:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:55:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:55:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:55:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:55:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:55:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:55:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:55:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:56:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:56:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:56:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:56:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:56:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:56:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:56:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:56:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:56:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:56:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:56:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:56:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:56:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:56:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:56:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:56:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:56:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:56:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:56:ARG:HH22	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:C	2:B:56:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:56:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:56:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:56:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:56:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:58:GLN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:58:GLN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:58:GLN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:58:GLN:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:58:GLN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:58:GLN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:58:GLN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:58:GLN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:58:GLN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:58:GLN:HE21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:58:GLN:HE22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:58:GLN:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:58:GLN:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:58:GLN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:58:GLN:NE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:58:GLN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:58:GLN:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:64:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:64:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:64:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:64:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:64:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:64:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:64:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:66:LYS:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:66:LYS:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:66:LYS:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:66:LYS:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:66:LYS:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:66:LYS:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:66:LYS:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:66:LYS:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:66:LYS:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:66:LYS:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:66:LYS:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:66:LYS:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:66:LYS:HE2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:C	2:B:66:LYS:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:66:LYS:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:66:LYS:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:66:LYS:HZ1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:66:LYS:HZ2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:66:LYS:HZ3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:66:LYS:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:66:LYS:NZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:66:LYS:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:67:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:67:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:67:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:67:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:67:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:67:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:67:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:67:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:67:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:67:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:67:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:67:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:67:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:67:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:68:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:68:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:68:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:68:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:68:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:68:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:68:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:68:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:68:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:68:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:68:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:68:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:70:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:70:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:70:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:70:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:70:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:70:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:70:LEU:H	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:C	2:B:70:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:70:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:70:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:70:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:70:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:70:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:70:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:70:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:70:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:70:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:70:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:70:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:72:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:72:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:72:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:72:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:72:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:72:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:72:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:72:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:72:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:72:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:72:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:72:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:72:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:72:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:72:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:72:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:72:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:72:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:72:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:74:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:74:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:74:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:74:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:74:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:74:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:74:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:74:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:74:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:74:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:74:ARG:HD2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:C	2:B:74:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:74:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:74:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:74:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:74:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:74:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:74:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:74:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:74:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:74:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:74:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:74:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:C	2:B:74:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:6:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:6:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:6:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:6:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:6:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:6:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:6:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:6:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:6:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:6:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:6:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:9:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:9:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:9:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:9:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:9:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:9:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:9:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:9:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:9:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:9:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:9:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:9:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:9:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:9:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:9:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:9:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:9:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:9:LEU:N	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CA	2:B:9:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:10:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:10:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:10:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:10:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:10:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:10:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:10:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:10:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:10:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:10:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:10:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:10:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:10:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:10:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:11:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:11:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:11:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:11:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:11:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:11:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:11:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:12:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:12:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:12:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:12:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:12:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:12:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:12:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:12:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:12:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:12:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:12:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:12:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:12:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:12:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:12:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:15:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:15:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:15:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:15:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:15:GLY:HA3	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CA	2:B:15:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:15:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:16:PRO:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:16:PRO:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:16:PRO:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:16:PRO:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:16:PRO:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:16:PRO:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:16:PRO:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:16:PRO:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:16:PRO:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:16:PRO:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:16:PRO:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:16:PRO:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:16:PRO:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:16:PRO:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:17:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:17:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:17:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:17:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:17:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:17:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:17:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:17:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:17:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:17:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:17:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:17:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:17:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:17:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:17:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:17:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:17:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:17:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:17:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:21:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:21:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:21:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:21:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:21:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:21:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:21:GLU:HA	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CA	2:B:21:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:21:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:21:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:21:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:21:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:21:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:21:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:21:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:44:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:44:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:44:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:44:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:44:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:44:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:44:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:44:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:44:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:44:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:44:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:44:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:46:TYR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:46:TYR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:46:TYR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:46:TYR:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:46:TYR:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:46:TYR:CE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:46:TYR:CE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:46:TYR:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:46:TYR:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:46:TYR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:46:TYR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:46:TYR:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:46:TYR:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:46:TYR:HD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:46:TYR:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:46:TYR:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:46:TYR:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:46:TYR:HH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:46:TYR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:46:TYR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:46:TYR:OH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:48:ASN:C	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CA	2:B:48:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:48:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:48:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:48:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:48:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:48:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:48:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:48:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:48:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:48:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:48:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:48:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:48:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:49:MET:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:49:MET:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:49:MET:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:49:MET:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:49:MET:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:49:MET:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:49:MET:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:49:MET:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:49:MET:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:49:MET:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:49:MET:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:49:MET:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:49:MET:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:49:MET:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:49:MET:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:49:MET:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:49:MET:SD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:50:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:50:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:50:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:50:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:50:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:50:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:50:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:50:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:50:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:50:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:50:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:50:ASP:OD2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CA	2:B:51:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:51:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:51:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:51:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:51:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:51:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:51:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:51:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:51:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:51:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:51:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:51:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:51:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:51:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:51:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:51:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:51:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:51:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:51:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:53:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:53:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:53:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:53:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:53:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:53:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:53:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:53:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:53:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:53:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:53:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:53:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:54:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:54:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:54:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:54:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:54:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:54:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:54:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:54:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:54:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:54:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:54:SER:OG	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CA	2:B:55:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:55:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:55:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:55:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:55:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:55:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:55:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:55:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:55:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:55:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:55:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:55:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:55:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:55:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:56:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:56:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:56:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:56:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:56:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:56:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:56:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:56:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:56:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:56:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:56:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:56:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:56:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:56:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:56:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:56:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:56:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:56:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:56:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:56:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:56:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:56:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:56:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:56:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:58:GLN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:58:GLN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:58:GLN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:58:GLN:CD	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CA	2:B:58:GLN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:58:GLN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:58:GLN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:58:GLN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:58:GLN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:58:GLN:HE21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:58:GLN:HE22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:58:GLN:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:58:GLN:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:58:GLN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:58:GLN:NE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:58:GLN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:58:GLN:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:64:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:64:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:64:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:64:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:64:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:64:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:64:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:66:LYS:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:66:LYS:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:66:LYS:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:66:LYS:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:66:LYS:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:66:LYS:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:66:LYS:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:66:LYS:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:66:LYS:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:66:LYS:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:66:LYS:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:66:LYS:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:66:LYS:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:66:LYS:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:66:LYS:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:66:LYS:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:66:LYS:HZ1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:66:LYS:HZ2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:66:LYS:HZ3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:66:LYS:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:66:LYS:NZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:66:LYS:O	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CA	2:B:67:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:67:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:67:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:67:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:67:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:67:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:67:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:67:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:67:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:67:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:67:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:67:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:67:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:67:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:68:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:68:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:68:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:68:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:68:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:68:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:68:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:68:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:68:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:68:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:68:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:68:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:70:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:70:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:70:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:70:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:70:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:70:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:70:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:70:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:70:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:70:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:70:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:70:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:70:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:70:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:70:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:70:LEU:HD23	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CA	2:B:70:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:70:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:70:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:72:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:72:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:72:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:72:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:72:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:72:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:72:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:72:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:72:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:72:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:72:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:72:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:72:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:72:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:72:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:72:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:72:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:72:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:72:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:74:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:74:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:74:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:74:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:74:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:74:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:74:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:74:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:74:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:74:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:74:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:74:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:74:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:74:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:74:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:74:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:74:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:74:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:74:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:74:ARG:N	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CA	2:B:74:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:74:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:74:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CA	2:B:74:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:6:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:6:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:6:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:6:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:6:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:6:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:6:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:6:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:6:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:6:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:6:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:9:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:9:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:9:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:9:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:9:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:9:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:9:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:9:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:9:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:9:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:9:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:9:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:9:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:9:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:9:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:9:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:9:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:9:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:9:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:10:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:10:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:10:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:10:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:10:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:10:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:10:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:10:THR:HG1	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CB	2:B:10:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:10:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:10:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:10:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:10:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:10:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:11:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:11:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:11:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:11:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:11:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:11:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:11:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:12:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:12:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:12:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:12:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:12:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:12:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:12:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:12:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:12:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:12:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:12:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:12:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:12:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:12:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:12:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:15:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:15:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:15:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:15:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:15:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:15:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:15:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:16:PRO:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:16:PRO:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:16:PRO:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:16:PRO:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:16:PRO:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:16:PRO:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:16:PRO:HB2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CB	2:B:16:PRO:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:16:PRO:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:16:PRO:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:16:PRO:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:16:PRO:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:16:PRO:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:16:PRO:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:17:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:17:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:17:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:17:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:17:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:17:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:17:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:17:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:17:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:17:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:17:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:17:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:17:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:17:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:17:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:17:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:17:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:17:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:17:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:21:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:21:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:21:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:21:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:21:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:21:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:21:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:21:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:21:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:21:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:21:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:21:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:21:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:21:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:21:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:44:ASP:C	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CB	2:B:44:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:44:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:44:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:44:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:44:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:44:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:44:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:44:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:44:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:44:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:44:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:46:TYR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:46:TYR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:46:TYR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:46:TYR:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:46:TYR:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:46:TYR:CE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:46:TYR:CE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:46:TYR:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:46:TYR:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:46:TYR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:46:TYR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:46:TYR:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:46:TYR:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:46:TYR:HD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:46:TYR:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:46:TYR:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:46:TYR:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:46:TYR:HH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:46:TYR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:46:TYR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:46:TYR:OH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:48:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:48:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:48:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:48:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:48:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:48:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:48:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:48:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:48:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:48:ASN:HD22	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CB	2:B:48:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:48:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:48:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:48:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:49:MET:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:49:MET:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:49:MET:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:49:MET:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:49:MET:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:49:MET:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:49:MET:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:49:MET:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:49:MET:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:49:MET:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:49:MET:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:49:MET:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:49:MET:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:49:MET:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:49:MET:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:49:MET:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:49:MET:SD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:50:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:50:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:50:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:50:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:50:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:50:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:50:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:50:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:50:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:50:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:50:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:50:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:51:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:51:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:51:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:51:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:51:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:51:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:51:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:51:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:51:ILE:HB	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CB	2:B:51:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:51:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:51:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:51:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:51:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:51:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:51:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:51:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:51:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:51:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:53:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:53:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:53:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:53:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:53:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:53:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:53:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:53:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:53:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:53:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:53:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:53:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:54:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:54:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:54:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:54:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:54:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:54:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:54:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:54:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:54:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:54:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:54:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:55:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:55:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:55:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:55:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:55:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:55:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:55:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:55:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:55:ASN:HD21	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CB	2:B:55:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:55:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:55:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:55:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:55:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:56:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:56:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:56:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:56:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:56:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:56:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:56:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:56:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:56:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:56:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:56:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:56:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:56:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:56:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:56:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:56:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:56:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:56:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:56:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:56:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:56:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:56:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:56:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:56:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:58:GLN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:58:GLN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:58:GLN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:58:GLN:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:58:GLN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:58:GLN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:58:GLN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:58:GLN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:58:GLN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:58:GLN:HE21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:58:GLN:HE22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:58:GLN:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:58:GLN:HG3	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CB	2:B:58:GLN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:58:GLN:NE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:58:GLN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:58:GLN:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:64:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:64:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:64:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:64:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:64:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:64:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:64:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:66:LYS:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:66:LYS:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:66:LYS:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:66:LYS:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:66:LYS:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:66:LYS:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:66:LYS:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:66:LYS:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:66:LYS:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:66:LYS:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:66:LYS:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:66:LYS:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:66:LYS:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:66:LYS:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:66:LYS:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:66:LYS:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:66:LYS:HZ1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:66:LYS:HZ2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:66:LYS:HZ3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:66:LYS:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:66:LYS:NZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:66:LYS:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:67:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:67:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:67:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:67:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:67:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:67:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:67:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:67:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:67:THR:HG21	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CB	2:B:67:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:67:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:67:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:67:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:67:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:68:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:68:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:68:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:68:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:68:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:68:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:68:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:68:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:68:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:68:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:68:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:68:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:70:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:70:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:70:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:70:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:70:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:70:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:70:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:70:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:70:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:70:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:70:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:70:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:70:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:70:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:70:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:70:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:70:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:70:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:70:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:72:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:72:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:72:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:72:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:72:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:72:LEU:CG	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CB	2:B:72:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:72:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:72:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:72:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:72:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:72:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:72:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:72:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:72:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:72:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:72:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:72:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:72:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:74:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:74:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:74:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:74:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:74:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:74:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:74:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:74:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:74:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:74:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:74:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:74:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:74:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:74:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:74:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:74:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:74:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:74:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:74:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:74:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:74:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:74:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:74:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CB	2:B:74:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:6:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:6:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:6:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:6:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:6:SER:HA	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CD	2:B:6:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:6:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:6:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:6:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:6:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:6:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:9:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:9:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:9:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:9:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:9:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:9:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:9:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:9:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:9:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:9:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:9:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:9:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:9:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:9:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:9:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:9:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:9:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:9:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:9:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:10:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:10:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:10:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:10:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:10:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:10:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:10:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:10:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:10:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:10:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:10:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:10:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:10:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:10:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:11:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:11:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:11:GLY:H	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CD	2:B:11:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:11:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:11:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:11:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:12:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:12:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:12:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:12:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:12:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:12:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:12:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:12:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:12:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:12:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:12:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:12:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:12:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:12:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:12:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:15:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:15:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:15:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:15:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:15:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:15:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:15:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:16:PRO:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:16:PRO:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:16:PRO:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:16:PRO:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:16:PRO:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:16:PRO:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:16:PRO:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:16:PRO:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:16:PRO:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:16:PRO:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:16:PRO:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:16:PRO:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:16:PRO:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:16:PRO:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:17:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:17:ILE:CA	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CD	2:B:17:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:17:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:17:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:17:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:17:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:17:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:17:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:17:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:17:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:17:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:17:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:17:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:17:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:17:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:17:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:17:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:17:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:21:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:21:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:21:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:21:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:21:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:21:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:21:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:21:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:21:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:21:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:21:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:21:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:21:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:21:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:21:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:44:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:44:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:44:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:44:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:44:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:44:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:44:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:44:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:44:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:44:ASP:O	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CD	2:B:44:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:44:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:46:TYR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:46:TYR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:46:TYR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:46:TYR:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:46:TYR:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:46:TYR:CE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:46:TYR:CE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:46:TYR:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:46:TYR:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:46:TYR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:46:TYR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:46:TYR:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:46:TYR:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:46:TYR:HD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:46:TYR:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:46:TYR:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:46:TYR:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:46:TYR:HH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:46:TYR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:46:TYR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:46:TYR:OH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:48:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:48:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:48:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:48:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:48:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:48:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:48:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:48:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:48:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:48:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:48:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:48:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:48:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:48:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:49:MET:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:49:MET:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:49:MET:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:49:MET:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:49:MET:CG	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CD	2:B:49:MET:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:49:MET:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:49:MET:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:49:MET:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:49:MET:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:49:MET:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:49:MET:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:49:MET:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:49:MET:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:49:MET:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:49:MET:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:49:MET:SD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:50:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:50:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:50:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:50:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:50:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:50:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:50:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:50:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:50:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:50:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:50:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:50:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:51:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:51:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:51:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:51:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:51:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:51:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:51:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:51:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:51:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:51:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:51:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:51:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:51:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:51:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:51:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:51:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:51:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:51:ILE:N	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CD	2:B:51:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:53:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:53:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:53:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:53:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:53:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:53:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:53:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:53:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:53:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:53:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:53:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:53:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:54:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:54:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:54:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:54:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:54:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:54:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:54:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:54:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:54:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:54:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:54:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:55:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:55:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:55:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:55:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:55:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:55:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:55:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:55:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:55:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:55:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:55:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:55:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:55:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:55:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:56:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:56:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:56:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:56:ARG:CD	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CD	2:B:56:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:56:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:56:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:56:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:56:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:56:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:56:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:56:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:56:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:56:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:56:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:56:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:56:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:56:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:56:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:56:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:56:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:56:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:56:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:56:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:58:GLN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:58:GLN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:58:GLN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:58:GLN:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:58:GLN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:58:GLN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:58:GLN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:58:GLN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:58:GLN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:58:GLN:HE21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:58:GLN:HE22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:58:GLN:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:58:GLN:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:58:GLN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:58:GLN:NE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:58:GLN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:58:GLN:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:64:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:64:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:64:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:64:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:64:GLY:HA3	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CD	2:B:64:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:64:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:66:LYS:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:66:LYS:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:66:LYS:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:66:LYS:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:66:LYS:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:66:LYS:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:66:LYS:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:66:LYS:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:66:LYS:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:66:LYS:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:66:LYS:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:66:LYS:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:66:LYS:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:66:LYS:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:66:LYS:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:66:LYS:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:66:LYS:HZ1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:66:LYS:HZ2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:66:LYS:HZ3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:66:LYS:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:66:LYS:NZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:66:LYS:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:67:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:67:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:67:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:67:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:67:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:67:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:67:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:67:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:67:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:67:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:67:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:67:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:67:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:67:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:68:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:68:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:68:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:68:ASP:CG	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CD	2:B:68:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:68:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:68:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:68:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:68:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:68:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:68:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:68:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:70:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:70:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:70:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:70:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:70:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:70:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:70:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:70:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:70:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:70:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:70:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:70:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:70:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:70:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:70:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:70:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:70:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:70:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:70:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:72:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:72:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:72:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:72:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:72:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:72:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:72:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:72:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:72:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:72:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:72:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:72:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:72:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:72:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:72:LEU:HD22	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CD	2:B:72:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:72:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:72:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:72:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:74:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:74:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:74:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:74:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:74:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:74:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:74:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:74:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:74:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:74:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:74:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:74:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:74:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:74:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:74:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:74:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:74:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:74:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:74:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:74:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:74:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:74:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:74:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CD	2:B:74:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:6:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:6:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:6:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:6:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:6:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:6:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:6:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:6:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:6:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:6:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:6:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:9:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:9:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:9:LEU:CB	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CG	2:B:9:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:9:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:9:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:9:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:9:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:9:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:9:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:9:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:9:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:9:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:9:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:9:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:9:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:9:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:9:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:9:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:10:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:10:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:10:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:10:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:10:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:10:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:10:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:10:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:10:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:10:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:10:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:10:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:10:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:10:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:11:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:11:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:11:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:11:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:11:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:11:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:11:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:12:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:12:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:12:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:12:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:12:GLU:CG	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CG	2:B:12:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:12:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:12:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:12:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:12:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:12:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:12:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:12:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:12:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:12:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:15:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:15:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:15:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:15:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:15:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:15:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:15:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:16:PRO:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:16:PRO:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:16:PRO:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:16:PRO:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:16:PRO:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:16:PRO:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:16:PRO:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:16:PRO:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:16:PRO:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:16:PRO:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:16:PRO:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:16:PRO:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:16:PRO:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:16:PRO:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:17:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:17:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:17:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:17:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:17:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:17:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:17:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:17:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:17:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:17:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:17:ILE:HD12	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CG	2:B:17:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:17:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:17:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:17:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:17:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:17:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:17:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:17:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:21:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:21:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:21:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:21:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:21:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:21:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:21:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:21:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:21:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:21:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:21:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:21:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:21:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:21:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:21:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:44:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:44:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:44:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:44:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:44:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:44:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:44:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:44:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:44:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:44:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:44:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:44:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:46:TYR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:46:TYR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:46:TYR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:46:TYR:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:46:TYR:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:46:TYR:CE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:46:TYR:CE2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CG	2:B:46:TYR:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:46:TYR:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:46:TYR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:46:TYR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:46:TYR:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:46:TYR:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:46:TYR:HD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:46:TYR:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:46:TYR:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:46:TYR:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:46:TYR:HH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:46:TYR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:46:TYR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:46:TYR:OH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:48:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:48:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:48:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:48:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:48:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:48:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:48:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:48:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:48:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:48:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:48:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:48:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:48:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:48:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:49:MET:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:49:MET:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:49:MET:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:49:MET:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:49:MET:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:49:MET:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:49:MET:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:49:MET:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:49:MET:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:49:MET:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:49:MET:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:49:MET:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:49:MET:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:49:MET:HG3	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CG	2:B:49:MET:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:49:MET:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:49:MET:SD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:50:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:50:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:50:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:50:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:50:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:50:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:50:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:50:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:50:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:50:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:50:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:50:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:51:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:51:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:51:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:51:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:51:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:51:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:51:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:51:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:51:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:51:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:51:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:51:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:51:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:51:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:51:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:51:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:51:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:51:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:51:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:53:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:53:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:53:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:53:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:53:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:53:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:53:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:53:ASP:HB3	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CG	2:B:53:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:53:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:53:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:53:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:54:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:54:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:54:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:54:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:54:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:54:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:54:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:54:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:54:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:54:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:54:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:55:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:55:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:55:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:55:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:55:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:55:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:55:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:55:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:55:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:55:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:55:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:55:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:55:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:55:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:56:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:56:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:56:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:56:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:56:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:56:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:56:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:56:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:56:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:56:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:56:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:56:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:56:ARG:HE	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CG	2:B:56:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:56:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:56:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:56:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:56:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:56:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:56:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:56:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:56:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:56:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:56:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:58:GLN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:58:GLN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:58:GLN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:58:GLN:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:58:GLN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:58:GLN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:58:GLN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:58:GLN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:58:GLN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:58:GLN:HE21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:58:GLN:HE22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:58:GLN:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:58:GLN:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:58:GLN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:58:GLN:NE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:58:GLN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:58:GLN:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:64:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:64:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:64:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:64:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:64:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:64:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:64:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:66:LYS:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:66:LYS:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:66:LYS:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:66:LYS:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:66:LYS:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:66:LYS:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:66:LYS:H	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CG	2:B:66:LYS:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:66:LYS:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:66:LYS:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:66:LYS:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:66:LYS:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:66:LYS:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:66:LYS:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:66:LYS:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:66:LYS:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:66:LYS:HZ1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:66:LYS:HZ2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:66:LYS:HZ3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:66:LYS:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:66:LYS:NZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:66:LYS:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:67:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:67:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:67:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:67:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:67:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:67:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:67:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:67:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:67:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:67:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:67:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:67:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:67:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:67:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:68:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:68:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:68:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:68:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:68:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:68:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:68:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:68:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:68:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:68:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:68:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:68:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:70:LEU:C	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CG	2:B:70:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:70:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:70:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:70:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:70:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:70:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:70:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:70:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:70:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:70:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:70:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:70:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:70:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:70:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:70:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:70:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:70:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:70:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:72:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:72:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:72:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:72:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:72:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:72:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:72:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:72:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:72:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:72:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:72:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:72:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:72:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:72:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:72:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:72:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:72:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:72:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:72:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:74:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:74:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:74:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:74:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:74:ARG:CG	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CG	2:B:74:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:74:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:74:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:74:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:74:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:74:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:74:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:74:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:74:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:74:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:74:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:74:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:74:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:74:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:74:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:74:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:74:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:74:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CG	2:B:74:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:6:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:6:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:6:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:6:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:6:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:6:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:6:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:6:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:6:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:6:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:6:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:9:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:9:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:9:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:9:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:9:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:9:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:9:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:9:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:9:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:9:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:9:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:9:LEU:HD12	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CZ	2:B:9:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:9:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:9:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:9:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:9:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:9:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:9:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:10:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:10:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:10:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:10:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:10:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:10:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:10:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:10:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:10:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:10:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:10:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:10:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:10:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:10:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:11:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:11:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:11:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:11:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:11:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:11:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:11:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:12:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:12:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:12:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:12:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:12:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:12:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:12:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:12:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:12:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:12:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:12:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:12:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:12:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:12:GLU:OE1	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CZ	2:B:12:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:15:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:15:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:15:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:15:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:15:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:15:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:15:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:16:PRO:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:16:PRO:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:16:PRO:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:16:PRO:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:16:PRO:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:16:PRO:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:16:PRO:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:16:PRO:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:16:PRO:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:16:PRO:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:16:PRO:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:16:PRO:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:16:PRO:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:16:PRO:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:17:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:17:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:17:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:17:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:17:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:17:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:17:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:17:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:17:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:17:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:17:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:17:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:17:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:17:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:17:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:17:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:17:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:17:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:17:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:21:GLU:C	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CZ	2:B:21:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:21:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:21:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:21:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:21:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:21:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:21:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:21:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:21:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:21:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:21:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:21:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:21:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:21:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:44:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:44:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:44:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:44:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:44:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:44:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:44:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:44:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:44:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:44:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:44:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:44:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:46:TYR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:46:TYR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:46:TYR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:46:TYR:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:46:TYR:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:46:TYR:CE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:46:TYR:CE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:46:TYR:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:46:TYR:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:46:TYR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:46:TYR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:46:TYR:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:46:TYR:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:46:TYR:HD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:46:TYR:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:46:TYR:HE1	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CZ	2:B:46:TYR:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:46:TYR:HH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:46:TYR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:46:TYR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:46:TYR:OH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:48:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:48:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:48:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:48:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:48:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:48:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:48:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:48:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:48:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:48:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:48:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:48:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:48:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:48:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:49:MET:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:49:MET:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:49:MET:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:49:MET:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:49:MET:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:49:MET:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:49:MET:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:49:MET:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:49:MET:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:49:MET:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:49:MET:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:49:MET:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:49:MET:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:49:MET:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:49:MET:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:49:MET:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:49:MET:SD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:50:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:50:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:50:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:50:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:50:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:50:ASP:HA	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CZ	2:B:50:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:50:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:50:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:50:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:50:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:50:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:51:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:51:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:51:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:51:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:51:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:51:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:51:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:51:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:51:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:51:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:51:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:51:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:51:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:51:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:51:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:51:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:51:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:51:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:51:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:53:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:53:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:53:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:53:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:53:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:53:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:53:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:53:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:53:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:53:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:53:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:53:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:54:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:54:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:54:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:54:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:54:SER:HA	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CZ	2:B:54:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:54:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:54:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:54:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:54:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:54:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:55:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:55:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:55:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:55:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:55:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:55:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:55:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:55:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:55:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:55:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:55:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:55:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:55:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:55:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:56:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:56:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:56:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:56:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:56:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:56:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:56:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:56:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:56:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:56:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:56:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:56:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:56:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:56:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:56:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:56:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:56:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:56:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:56:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:56:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:56:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:56:ARG:NH1	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CZ	2:B:56:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:56:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:58:GLN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:58:GLN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:58:GLN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:58:GLN:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:58:GLN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:58:GLN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:58:GLN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:58:GLN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:58:GLN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:58:GLN:HE21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:58:GLN:HE22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:58:GLN:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:58:GLN:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:58:GLN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:58:GLN:NE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:58:GLN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:58:GLN:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:64:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:64:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:64:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:64:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:64:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:64:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:64:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:66:LYS:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:66:LYS:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:66:LYS:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:66:LYS:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:66:LYS:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:66:LYS:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:66:LYS:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:66:LYS:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:66:LYS:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:66:LYS:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:66:LYS:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:66:LYS:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:66:LYS:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:66:LYS:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:66:LYS:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:66:LYS:HG3	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CZ	2:B:66:LYS:HZ1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:66:LYS:HZ2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:66:LYS:HZ3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:66:LYS:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:66:LYS:NZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:66:LYS:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:67:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:67:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:67:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:67:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:67:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:67:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:67:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:67:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:67:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:67:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:67:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:67:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:67:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:67:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:68:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:68:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:68:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:68:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:68:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:68:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:68:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:68:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:68:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:68:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:68:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:68:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:70:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:70:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:70:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:70:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:70:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:70:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:70:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:70:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:70:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:70:LEU:HB3	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CZ	2:B:70:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:70:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:70:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:70:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:70:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:70:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:70:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:70:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:70:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:72:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:72:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:72:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:72:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:72:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:72:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:72:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:72:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:72:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:72:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:72:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:72:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:72:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:72:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:72:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:72:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:72:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:72:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:72:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:74:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:74:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:74:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:74:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:74:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:74:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:74:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:74:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:74:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:74:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:74:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:74:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:74:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:74:ARG:HG2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:CZ	2:B:74:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:74:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:74:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:74:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:74:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:74:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:74:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:74:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:74:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:CZ	2:B:74:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:6:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:6:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:6:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:6:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:6:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:6:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:6:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:6:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:6:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:6:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:6:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:9:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:9:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:9:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:9:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:9:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:9:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:9:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:9:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:9:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:9:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:9:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:9:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:9:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:9:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:9:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:9:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:9:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:9:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:9:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:10:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:10:THR:CA	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:H	2:B:10:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:10:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:10:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:10:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:10:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:10:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:10:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:10:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:10:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:10:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:10:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:10:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:11:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:11:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:11:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:11:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:11:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:11:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:11:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:12:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:12:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:12:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:12:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:12:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:12:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:12:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:12:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:12:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:12:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:12:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:12:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:12:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:12:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:12:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:15:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:15:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:15:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:15:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:15:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:15:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:15:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:16:PRO:C	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:H	2:B:16:PRO:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:16:PRO:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:16:PRO:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:16:PRO:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:16:PRO:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:16:PRO:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:16:PRO:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:16:PRO:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:16:PRO:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:16:PRO:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:16:PRO:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:16:PRO:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:16:PRO:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:17:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:17:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:17:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:17:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:17:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:17:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:17:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:17:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:17:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:17:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:17:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:17:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:17:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:17:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:17:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:17:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:17:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:17:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:17:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:21:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:21:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:21:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:21:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:21:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:21:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:21:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:21:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:21:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:21:GLU:HG2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:H	2:B:21:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:21:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:21:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:21:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:21:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:44:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:44:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:44:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:44:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:44:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:44:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:44:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:44:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:44:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:44:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:44:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:44:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:46:TYR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:46:TYR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:46:TYR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:46:TYR:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:46:TYR:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:46:TYR:CE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:46:TYR:CE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:46:TYR:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:46:TYR:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:46:TYR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:46:TYR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:46:TYR:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:46:TYR:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:46:TYR:HD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:46:TYR:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:46:TYR:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:46:TYR:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:46:TYR:HH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:46:TYR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:46:TYR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:46:TYR:OH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:48:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:48:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:48:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:48:ASN:CG	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:H	2:B:48:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:48:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:48:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:48:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:48:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:48:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:48:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:48:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:48:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:48:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:49:MET:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:49:MET:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:49:MET:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:49:MET:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:49:MET:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:49:MET:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:49:MET:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:49:MET:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:49:MET:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:49:MET:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:49:MET:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:49:MET:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:49:MET:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:49:MET:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:49:MET:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:49:MET:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:49:MET:SD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:50:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:50:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:50:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:50:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:50:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:50:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:50:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:50:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:50:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:50:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:50:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:50:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:51:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:51:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:51:ILE:CB	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:H	2:B:51:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:51:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:51:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:51:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:51:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:51:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:51:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:51:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:51:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:51:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:51:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:51:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:51:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:51:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:51:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:51:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:53:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:53:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:53:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:53:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:53:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:53:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:53:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:53:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:53:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:53:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:53:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:53:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:54:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:54:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:54:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:54:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:54:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:54:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:54:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:54:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:54:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:54:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:54:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:55:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:55:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:55:ASN:CB	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:H	2:B:55:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:55:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:55:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:55:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:55:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:55:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:55:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:55:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:55:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:55:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:55:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:56:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:56:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:56:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:56:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:56:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:56:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:56:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:56:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:56:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:56:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:56:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:56:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:56:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:56:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:56:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:56:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:56:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:56:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:56:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:56:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:56:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:56:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:56:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:56:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:58:GLN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:58:GLN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:58:GLN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:58:GLN:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:58:GLN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:58:GLN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:58:GLN:HA	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:H	2:B:58:GLN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:58:GLN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:58:GLN:HE21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:58:GLN:HE22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:58:GLN:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:58:GLN:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:58:GLN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:58:GLN:NE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:58:GLN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:58:GLN:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:64:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:64:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:64:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:64:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:64:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:64:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:64:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:66:LYS:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:66:LYS:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:66:LYS:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:66:LYS:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:66:LYS:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:66:LYS:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:66:LYS:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:66:LYS:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:66:LYS:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:66:LYS:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:66:LYS:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:66:LYS:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:66:LYS:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:66:LYS:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:66:LYS:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:66:LYS:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:66:LYS:HZ1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:66:LYS:HZ2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:66:LYS:HZ3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:66:LYS:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:66:LYS:NZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:66:LYS:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:67:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:67:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:67:THR:CB	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:H	2:B:67:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:67:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:67:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:67:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:67:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:67:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:67:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:67:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:67:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:67:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:67:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:68:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:68:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:68:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:68:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:68:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:68:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:68:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:68:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:68:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:68:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:68:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:68:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:70:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:70:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:70:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:70:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:70:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:70:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:70:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:70:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:70:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:70:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:70:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:70:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:70:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:70:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:70:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:70:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:70:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:70:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:70:LEU:O	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:H	2:B:72:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:72:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:72:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:72:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:72:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:72:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:72:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:72:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:72:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:72:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:72:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:72:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:72:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:72:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:72:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:72:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:72:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:72:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:72:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:74:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:74:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:74:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:74:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:74:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:74:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:74:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:74:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:74:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:74:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:74:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:74:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:74:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:74:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:74:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:74:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:74:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:74:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:74:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:74:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:74:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:74:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:H	2:B:74:ARG:NH2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:H	2:B:74:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:6:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:6:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:6:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:6:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:6:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:6:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:6:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:6:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:6:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:6:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:6:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:9:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:9:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:9:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:9:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:9:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:9:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:9:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:9:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:9:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:9:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:9:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:9:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:9:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:9:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:9:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:9:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:9:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:9:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:9:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:10:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:10:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:10:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:10:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:10:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:10:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:10:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:10:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:10:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:10:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:10:THR:HG23	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HA	2:B:10:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:10:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:10:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:11:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:11:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:11:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:11:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:11:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:11:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:11:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:12:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:12:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:12:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:12:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:12:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:12:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:12:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:12:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:12:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:12:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:12:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:12:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:12:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:12:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:12:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:15:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:15:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:15:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:15:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:15:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:15:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:15:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:16:PRO:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:16:PRO:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:16:PRO:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:16:PRO:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:16:PRO:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:16:PRO:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:16:PRO:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:16:PRO:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:16:PRO:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:16:PRO:HD3	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HA	2:B:16:PRO:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:16:PRO:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:16:PRO:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:16:PRO:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:17:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:17:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:17:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:17:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:17:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:17:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:17:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:17:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:17:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:17:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:17:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:17:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:17:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:17:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:17:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:17:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:17:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:17:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:17:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:21:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:21:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:21:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:21:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:21:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:21:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:21:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:21:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:21:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:21:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:21:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:21:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:21:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:21:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:21:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:44:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:44:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:44:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:44:ASP:CG	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HA	2:B:44:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:44:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:44:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:44:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:44:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:44:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:44:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:44:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:46:TYR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:46:TYR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:46:TYR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:46:TYR:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:46:TYR:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:46:TYR:CE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:46:TYR:CE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:46:TYR:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:46:TYR:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:46:TYR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:46:TYR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:46:TYR:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:46:TYR:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:46:TYR:HD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:46:TYR:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:46:TYR:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:46:TYR:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:46:TYR:HH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:46:TYR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:46:TYR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:46:TYR:OH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:48:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:48:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:48:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:48:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:48:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:48:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:48:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:48:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:48:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:48:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:48:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:48:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:48:ASN:O	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HA	2:B:48:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:49:MET:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:49:MET:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:49:MET:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:49:MET:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:49:MET:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:49:MET:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:49:MET:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:49:MET:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:49:MET:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:49:MET:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:49:MET:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:49:MET:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:49:MET:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:49:MET:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:49:MET:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:49:MET:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:49:MET:SD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:50:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:50:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:50:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:50:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:50:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:50:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:50:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:50:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:50:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:50:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:50:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:50:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:51:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:51:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:51:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:51:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:51:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:51:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:51:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:51:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:51:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:51:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:51:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:51:ILE:HD13	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HA	2:B:51:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:51:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:51:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:51:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:51:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:51:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:51:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:53:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:53:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:53:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:53:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:53:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:53:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:53:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:53:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:53:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:53:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:53:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:53:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:54:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:54:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:54:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:54:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:54:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:54:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:54:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:54:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:54:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:54:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:54:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:55:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:55:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:55:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:55:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:55:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:55:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:55:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:55:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:55:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:55:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:55:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:55:ASN:ND2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HA	2:B:55:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:55:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:56:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:56:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:56:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:56:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:56:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:56:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:56:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:56:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:56:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:56:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:56:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:56:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:56:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:56:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:56:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:56:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:56:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:56:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:56:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:56:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:56:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:56:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:56:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:56:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:58:GLN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:58:GLN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:58:GLN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:58:GLN:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:58:GLN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:58:GLN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:58:GLN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:58:GLN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:58:GLN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:58:GLN:HE21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:58:GLN:HE22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:58:GLN:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:58:GLN:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:58:GLN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:58:GLN:NE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:58:GLN:O	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HA	2:B:58:GLN:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:64:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:64:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:64:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:64:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:64:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:64:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:64:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:66:LYS:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:66:LYS:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:66:LYS:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:66:LYS:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:66:LYS:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:66:LYS:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:66:LYS:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:66:LYS:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:66:LYS:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:66:LYS:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:66:LYS:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:66:LYS:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:66:LYS:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:66:LYS:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:66:LYS:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:66:LYS:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:66:LYS:HZ1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:66:LYS:HZ2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:66:LYS:HZ3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:66:LYS:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:66:LYS:NZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:66:LYS:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:67:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:67:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:67:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:67:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:67:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:67:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:67:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:67:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:67:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:67:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:67:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:67:THR:N	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HA	2:B:67:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:67:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:68:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:68:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:68:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:68:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:68:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:68:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:68:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:68:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:68:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:68:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:68:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:68:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:70:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:70:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:70:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:70:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:70:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:70:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:70:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:70:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:70:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:70:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:70:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:70:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:70:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:70:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:70:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:70:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:70:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:70:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:70:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:72:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:72:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:72:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:72:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:72:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:72:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:72:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:72:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:72:LEU:HB2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HA	2:B:72:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:72:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:72:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:72:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:72:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:72:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:72:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:72:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:72:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:72:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:74:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:74:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:74:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:74:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:74:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:74:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:74:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:74:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:74:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:74:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:74:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:74:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:74:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:74:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:74:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:74:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:74:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:74:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:74:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:74:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:74:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:74:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:74:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HA	2:B:74:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:6:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:6:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:6:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:6:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:6:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:6:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:6:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:6:SER:HG	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HB2	2:B:6:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:6:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:6:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:9:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:9:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:9:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:9:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:9:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:9:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:9:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:9:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:9:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:9:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:9:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:9:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:9:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:9:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:9:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:9:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:9:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:9:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:9:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:10:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:10:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:10:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:10:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:10:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:10:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:10:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:10:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:10:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:10:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:10:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:10:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:10:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:10:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:11:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:11:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:11:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:11:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:11:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:11:GLY:N	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HB2	2:B:11:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:12:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:12:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:12:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:12:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:12:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:12:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:12:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:12:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:12:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:12:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:12:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:12:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:12:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:12:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:12:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:15:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:15:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:15:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:15:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:15:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:15:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:15:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:16:PRO:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:16:PRO:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:16:PRO:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:16:PRO:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:16:PRO:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:16:PRO:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:16:PRO:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:16:PRO:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:16:PRO:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:16:PRO:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:16:PRO:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:16:PRO:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:16:PRO:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:16:PRO:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:17:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:17:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:17:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:17:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:17:ILE:CG1	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HB2	2:B:17:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:17:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:17:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:17:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:17:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:17:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:17:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:17:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:17:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:17:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:17:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:17:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:17:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:17:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:21:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:21:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:21:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:21:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:21:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:21:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:21:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:21:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:21:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:21:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:21:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:21:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:21:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:21:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:21:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:44:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:44:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:44:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:44:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:44:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:44:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:44:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:44:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:44:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:44:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:44:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:44:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:46:TYR:C	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HB2	2:B:46:TYR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:46:TYR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:46:TYR:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:46:TYR:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:46:TYR:CE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:46:TYR:CE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:46:TYR:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:46:TYR:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:46:TYR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:46:TYR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:46:TYR:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:46:TYR:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:46:TYR:HD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:46:TYR:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:46:TYR:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:46:TYR:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:46:TYR:HH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:46:TYR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:46:TYR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:46:TYR:OH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:48:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:48:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:48:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:48:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:48:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:48:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:48:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:48:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:48:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:48:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:48:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:48:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:48:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:48:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:49:MET:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:49:MET:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:49:MET:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:49:MET:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:49:MET:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:49:MET:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:49:MET:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:49:MET:HB2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HB2	2:B:49:MET:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:49:MET:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:49:MET:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:49:MET:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:49:MET:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:49:MET:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:49:MET:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:49:MET:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:49:MET:SD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:50:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:50:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:50:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:50:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:50:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:50:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:50:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:50:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:50:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:50:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:50:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:50:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:51:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:51:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:51:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:51:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:51:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:51:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:51:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:51:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:51:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:51:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:51:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:51:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:51:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:51:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:51:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:51:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:51:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:51:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:51:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:53:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:53:ASP:CA	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HB2	2:B:53:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:53:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:53:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:53:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:53:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:53:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:53:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:53:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:53:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:53:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:54:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:54:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:54:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:54:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:54:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:54:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:54:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:54:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:54:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:54:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:54:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:55:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:55:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:55:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:55:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:55:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:55:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:55:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:55:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:55:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:55:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:55:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:55:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:55:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:55:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:56:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:56:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:56:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:56:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:56:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:56:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:56:ARG:H	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HB2	2:B:56:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:56:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:56:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:56:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:56:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:56:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:56:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:56:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:56:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:56:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:56:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:56:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:56:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:56:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:56:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:56:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:56:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:58:GLN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:58:GLN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:58:GLN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:58:GLN:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:58:GLN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:58:GLN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:58:GLN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:58:GLN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:58:GLN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:58:GLN:HE21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:58:GLN:HE22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:58:GLN:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:58:GLN:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:58:GLN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:58:GLN:NE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:58:GLN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:58:GLN:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:64:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:64:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:64:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:64:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:64:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:64:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:64:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:66:LYS:C	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HB2	2:B:66:LYS:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:66:LYS:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:66:LYS:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:66:LYS:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:66:LYS:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:66:LYS:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:66:LYS:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:66:LYS:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:66:LYS:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:66:LYS:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:66:LYS:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:66:LYS:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:66:LYS:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:66:LYS:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:66:LYS:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:66:LYS:HZ1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:66:LYS:HZ2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:66:LYS:HZ3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:66:LYS:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:66:LYS:NZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:66:LYS:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:67:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:67:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:67:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:67:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:67:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:67:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:67:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:67:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:67:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:67:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:67:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:67:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:67:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:67:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:68:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:68:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:68:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:68:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:68:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:68:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:68:ASP:HB2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HB2	2:B:68:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:68:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:68:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:68:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:68:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:70:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:70:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:70:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:70:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:70:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:70:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:70:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:70:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:70:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:70:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:70:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:70:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:70:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:70:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:70:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:70:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:70:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:70:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:70:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:72:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:72:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:72:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:72:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:72:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:72:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:72:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:72:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:72:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:72:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:72:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:72:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:72:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:72:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:72:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:72:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:72:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:72:LEU:N	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HB2	2:B:72:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:74:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:74:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:74:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:74:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:74:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:74:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:74:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:74:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:74:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:74:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:74:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:74:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:74:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:74:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:74:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:74:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:74:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:74:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:74:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:74:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:74:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:74:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:74:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB2	2:B:74:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:6:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:6:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:6:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:6:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:6:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:6:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:6:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:6:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:6:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:6:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:6:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:9:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:9:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:9:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:9:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:9:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:9:LEU:CG	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HB3	2:B:9:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:9:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:9:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:9:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:9:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:9:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:9:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:9:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:9:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:9:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:9:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:9:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:9:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:10:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:10:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:10:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:10:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:10:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:10:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:10:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:10:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:10:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:10:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:10:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:10:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:10:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:10:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:11:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:11:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:11:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:11:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:11:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:11:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:11:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:12:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:12:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:12:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:12:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:12:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:12:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:12:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:12:GLU:HB2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HB3	2:B:12:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:12:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:12:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:12:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:12:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:12:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:12:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:15:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:15:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:15:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:15:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:15:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:15:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:15:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:16:PRO:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:16:PRO:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:16:PRO:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:16:PRO:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:16:PRO:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:16:PRO:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:16:PRO:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:16:PRO:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:16:PRO:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:16:PRO:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:16:PRO:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:16:PRO:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:16:PRO:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:16:PRO:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:17:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:17:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:17:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:17:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:17:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:17:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:17:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:17:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:17:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:17:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:17:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:17:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:17:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:17:ILE:HG13	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HB3	2:B:17:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:17:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:17:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:17:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:17:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:21:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:21:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:21:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:21:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:21:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:21:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:21:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:21:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:21:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:21:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:21:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:21:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:21:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:21:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:21:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:44:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:44:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:44:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:44:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:44:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:44:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:44:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:44:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:44:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:44:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:44:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:44:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:46:TYR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:46:TYR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:46:TYR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:46:TYR:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:46:TYR:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:46:TYR:CE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:46:TYR:CE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:46:TYR:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:46:TYR:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:46:TYR:H	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HB3	2:B:46:TYR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:46:TYR:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:46:TYR:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:46:TYR:HD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:46:TYR:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:46:TYR:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:46:TYR:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:46:TYR:HH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:46:TYR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:46:TYR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:46:TYR:OH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:48:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:48:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:48:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:48:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:48:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:48:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:48:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:48:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:48:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:48:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:48:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:48:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:48:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:48:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:49:MET:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:49:MET:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:49:MET:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:49:MET:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:49:MET:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:49:MET:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:49:MET:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:49:MET:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:49:MET:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:49:MET:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:49:MET:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:49:MET:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:49:MET:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:49:MET:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:49:MET:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:49:MET:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:49:MET:SD	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HB3	2:B:50:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:50:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:50:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:50:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:50:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:50:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:50:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:50:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:50:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:50:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:50:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:50:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:51:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:51:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:51:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:51:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:51:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:51:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:51:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:51:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:51:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:51:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:51:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:51:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:51:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:51:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:51:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:51:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:51:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:51:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:51:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:53:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:53:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:53:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:53:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:53:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:53:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:53:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:53:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:53:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:53:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:53:ASP:OD1	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HB3	2:B:53:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:54:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:54:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:54:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:54:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:54:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:54:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:54:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:54:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:54:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:54:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:54:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:55:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:55:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:55:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:55:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:55:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:55:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:55:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:55:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:55:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:55:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:55:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:55:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:55:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:55:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:56:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:56:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:56:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:56:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:56:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:56:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:56:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:56:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:56:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:56:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:56:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:56:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:56:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:56:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:56:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:56:ARG:HH11	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HB3	2:B:56:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:56:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:56:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:56:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:56:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:56:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:56:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:56:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:58:GLN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:58:GLN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:58:GLN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:58:GLN:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:58:GLN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:58:GLN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:58:GLN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:58:GLN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:58:GLN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:58:GLN:HE21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:58:GLN:HE22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:58:GLN:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:58:GLN:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:58:GLN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:58:GLN:NE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:58:GLN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:58:GLN:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:64:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:64:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:64:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:64:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:64:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:64:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:64:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:66:LYS:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:66:LYS:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:66:LYS:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:66:LYS:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:66:LYS:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:66:LYS:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:66:LYS:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:66:LYS:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:66:LYS:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:66:LYS:HB3	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HB3	2:B:66:LYS:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:66:LYS:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:66:LYS:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:66:LYS:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:66:LYS:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:66:LYS:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:66:LYS:HZ1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:66:LYS:HZ2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:66:LYS:HZ3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:66:LYS:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:66:LYS:NZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:66:LYS:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:67:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:67:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:67:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:67:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:67:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:67:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:67:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:67:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:67:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:67:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:67:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:67:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:67:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:67:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:68:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:68:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:68:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:68:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:68:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:68:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:68:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:68:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:68:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:68:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:68:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:68:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:70:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:70:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:70:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:70:LEU:CD1	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HB3	2:B:70:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:70:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:70:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:70:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:70:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:70:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:70:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:70:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:70:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:70:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:70:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:70:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:70:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:70:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:70:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:72:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:72:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:72:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:72:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:72:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:72:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:72:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:72:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:72:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:72:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:72:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:72:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:72:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:72:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:72:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:72:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:72:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:72:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:72:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:74:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:74:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:74:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:74:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:74:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:74:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:74:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:74:ARG:HA	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HB3	2:B:74:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:74:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:74:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:74:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:74:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:74:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:74:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:74:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:74:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:74:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:74:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:74:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:74:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:74:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:74:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HB3	2:B:74:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:6:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:6:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:6:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:6:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:6:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:6:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:6:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:6:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:6:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:6:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:6:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:9:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:9:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:9:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:9:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:9:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:9:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:9:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:9:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:9:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:9:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:9:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:9:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:9:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:9:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:9:LEU:HD22	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HD2	2:B:9:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:9:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:9:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:9:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:10:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:10:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:10:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:10:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:10:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:10:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:10:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:10:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:10:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:10:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:10:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:10:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:10:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:10:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:11:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:11:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:11:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:11:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:11:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:11:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:11:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:12:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:12:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:12:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:12:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:12:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:12:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:12:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:12:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:12:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:12:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:12:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:12:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:12:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:12:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:12:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:15:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:15:GLY:CA	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HD2	2:B:15:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:15:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:15:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:15:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:15:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:16:PRO:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:16:PRO:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:16:PRO:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:16:PRO:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:16:PRO:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:16:PRO:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:16:PRO:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:16:PRO:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:16:PRO:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:16:PRO:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:16:PRO:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:16:PRO:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:16:PRO:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:16:PRO:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:17:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:17:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:17:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:17:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:17:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:17:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:17:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:17:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:17:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:17:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:17:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:17:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:17:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:17:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:17:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:17:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:17:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:17:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:17:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:21:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:21:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:21:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:21:GLU:CD	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HD2	2:B:21:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:21:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:21:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:21:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:21:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:21:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:21:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:21:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:21:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:21:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:21:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:44:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:44:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:44:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:44:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:44:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:44:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:44:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:44:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:44:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:44:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:44:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:44:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:46:TYR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:46:TYR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:46:TYR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:46:TYR:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:46:TYR:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:46:TYR:CE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:46:TYR:CE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:46:TYR:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:46:TYR:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:46:TYR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:46:TYR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:46:TYR:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:46:TYR:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:46:TYR:HD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:46:TYR:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:46:TYR:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:46:TYR:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:46:TYR:HH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:46:TYR:N	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HD2	2:B:46:TYR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:46:TYR:OH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:48:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:48:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:48:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:48:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:48:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:48:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:48:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:48:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:48:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:48:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:48:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:48:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:48:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:48:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:49:MET:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:49:MET:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:49:MET:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:49:MET:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:49:MET:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:49:MET:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:49:MET:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:49:MET:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:49:MET:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:49:MET:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:49:MET:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:49:MET:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:49:MET:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:49:MET:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:49:MET:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:49:MET:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:49:MET:SD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:50:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:50:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:50:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:50:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:50:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:50:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:50:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:50:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:50:ASP:N	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HD2	2:B:50:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:50:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:50:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:51:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:51:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:51:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:51:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:51:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:51:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:51:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:51:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:51:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:51:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:51:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:51:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:51:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:51:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:51:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:51:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:51:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:51:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:51:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:53:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:53:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:53:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:53:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:53:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:53:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:53:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:53:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:53:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:53:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:53:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:53:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:54:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:54:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:54:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:54:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:54:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:54:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:54:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:54:SER:HG	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HD2	2:B:54:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:54:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:54:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:55:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:55:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:55:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:55:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:55:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:55:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:55:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:55:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:55:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:55:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:55:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:55:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:55:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:55:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:56:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:56:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:56:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:56:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:56:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:56:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:56:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:56:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:56:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:56:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:56:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:56:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:56:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:56:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:56:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:56:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:56:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:56:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:56:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:56:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:56:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:56:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:56:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:56:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:58:GLN:C	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HD2	2:B:58:GLN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:58:GLN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:58:GLN:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:58:GLN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:58:GLN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:58:GLN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:58:GLN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:58:GLN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:58:GLN:HE21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:58:GLN:HE22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:58:GLN:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:58:GLN:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:58:GLN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:58:GLN:NE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:58:GLN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:58:GLN:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:64:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:64:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:64:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:64:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:64:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:64:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:64:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:66:LYS:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:66:LYS:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:66:LYS:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:66:LYS:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:66:LYS:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:66:LYS:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:66:LYS:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:66:LYS:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:66:LYS:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:66:LYS:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:66:LYS:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:66:LYS:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:66:LYS:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:66:LYS:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:66:LYS:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:66:LYS:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:66:LYS:HZ1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:66:LYS:HZ2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:66:LYS:HZ3	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HD2	2:B:66:LYS:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:66:LYS:NZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:66:LYS:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:67:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:67:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:67:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:67:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:67:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:67:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:67:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:67:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:67:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:67:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:67:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:67:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:67:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:67:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:68:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:68:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:68:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:68:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:68:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:68:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:68:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:68:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:68:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:68:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:68:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:68:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:70:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:70:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:70:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:70:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:70:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:70:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:70:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:70:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:70:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:70:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:70:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:70:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:70:LEU:HD13	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HD2	2:B:70:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:70:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:70:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:70:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:70:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:70:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:72:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:72:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:72:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:72:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:72:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:72:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:72:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:72:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:72:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:72:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:72:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:72:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:72:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:72:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:72:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:72:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:72:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:72:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:72:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:74:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:74:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:74:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:74:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:74:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:74:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:74:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:74:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:74:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:74:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:74:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:74:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:74:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:74:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:74:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:74:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:74:ARG:HH12	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HD2	2:B:74:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:74:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:74:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:74:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:74:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:74:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD2	2:B:74:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:6:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:6:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:6:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:6:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:6:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:6:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:6:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:6:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:6:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:6:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:6:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:9:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:9:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:9:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:9:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:9:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:9:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:9:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:9:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:9:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:9:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:9:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:9:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:9:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:9:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:9:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:9:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:9:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:9:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:9:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:10:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:10:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:10:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:10:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:10:THR:H	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HD3	2:B:10:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:10:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:10:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:10:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:10:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:10:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:10:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:10:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:10:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:11:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:11:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:11:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:11:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:11:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:11:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:11:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:12:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:12:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:12:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:12:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:12:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:12:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:12:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:12:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:12:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:12:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:12:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:12:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:12:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:12:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:12:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:15:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:15:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:15:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:15:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:15:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:15:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:15:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:16:PRO:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:16:PRO:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:16:PRO:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:16:PRO:CD	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HD3	2:B:16:PRO:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:16:PRO:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:16:PRO:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:16:PRO:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:16:PRO:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:16:PRO:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:16:PRO:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:16:PRO:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:16:PRO:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:16:PRO:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:17:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:17:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:17:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:17:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:17:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:17:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:17:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:17:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:17:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:17:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:17:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:17:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:17:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:17:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:17:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:17:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:17:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:17:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:17:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:21:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:21:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:21:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:21:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:21:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:21:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:21:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:21:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:21:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:21:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:21:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:21:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:21:GLU:O	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HD3	2:B:21:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:21:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:44:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:44:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:44:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:44:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:44:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:44:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:44:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:44:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:44:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:44:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:44:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:44:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:46:TYR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:46:TYR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:46:TYR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:46:TYR:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:46:TYR:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:46:TYR:CE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:46:TYR:CE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:46:TYR:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:46:TYR:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:46:TYR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:46:TYR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:46:TYR:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:46:TYR:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:46:TYR:HD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:46:TYR:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:46:TYR:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:46:TYR:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:46:TYR:HH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:46:TYR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:46:TYR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:46:TYR:OH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:48:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:48:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:48:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:48:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:48:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:48:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:48:ASN:HB2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HD3	2:B:48:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:48:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:48:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:48:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:48:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:48:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:48:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:49:MET:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:49:MET:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:49:MET:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:49:MET:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:49:MET:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:49:MET:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:49:MET:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:49:MET:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:49:MET:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:49:MET:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:49:MET:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:49:MET:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:49:MET:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:49:MET:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:49:MET:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:49:MET:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:49:MET:SD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:50:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:50:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:50:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:50:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:50:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:50:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:50:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:50:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:50:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:50:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:50:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:50:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:51:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:51:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:51:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:51:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:51:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:51:ILE:CG2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HD3	2:B:51:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:51:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:51:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:51:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:51:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:51:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:51:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:51:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:51:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:51:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:51:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:51:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:51:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:53:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:53:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:53:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:53:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:53:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:53:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:53:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:53:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:53:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:53:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:53:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:53:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:54:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:54:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:54:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:54:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:54:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:54:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:54:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:54:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:54:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:54:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:54:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:55:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:55:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:55:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:55:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:55:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:55:ASN:HA	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HD3	2:B:55:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:55:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:55:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:55:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:55:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:55:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:55:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:55:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:56:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:56:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:56:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:56:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:56:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:56:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:56:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:56:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:56:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:56:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:56:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:56:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:56:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:56:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:56:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:56:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:56:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:56:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:56:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:56:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:56:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:56:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:56:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:56:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:58:GLN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:58:GLN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:58:GLN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:58:GLN:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:58:GLN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:58:GLN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:58:GLN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:58:GLN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:58:GLN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:58:GLN:HE21	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HD3	2:B:58:GLN:HE22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:58:GLN:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:58:GLN:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:58:GLN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:58:GLN:NE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:58:GLN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:58:GLN:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:64:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:64:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:64:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:64:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:64:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:64:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:64:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:66:LYS:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:66:LYS:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:66:LYS:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:66:LYS:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:66:LYS:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:66:LYS:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:66:LYS:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:66:LYS:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:66:LYS:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:66:LYS:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:66:LYS:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:66:LYS:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:66:LYS:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:66:LYS:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:66:LYS:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:66:LYS:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:66:LYS:HZ1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:66:LYS:HZ2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:66:LYS:HZ3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:66:LYS:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:66:LYS:NZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:66:LYS:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:67:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:67:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:67:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:67:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:67:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:67:THR:HA	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HD3	2:B:67:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:67:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:67:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:67:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:67:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:67:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:67:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:67:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:68:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:68:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:68:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:68:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:68:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:68:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:68:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:68:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:68:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:68:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:68:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:68:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:70:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:70:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:70:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:70:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:70:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:70:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:70:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:70:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:70:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:70:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:70:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:70:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:70:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:70:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:70:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:70:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:70:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:70:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:70:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:72:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:72:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:72:LEU:CB	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HD3	2:B:72:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:72:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:72:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:72:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:72:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:72:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:72:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:72:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:72:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:72:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:72:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:72:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:72:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:72:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:72:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:72:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:74:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:74:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:74:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:74:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:74:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:74:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:74:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:74:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:74:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:74:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:74:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:74:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:74:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:74:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:74:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:74:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:74:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:74:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:74:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:74:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:74:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:74:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:74:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HD3	2:B:74:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:6:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:6:SER:CA	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HE	2:B:6:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:6:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:6:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:6:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:6:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:6:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:6:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:6:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:6:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:9:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:9:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:9:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:9:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:9:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:9:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:9:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:9:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:9:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:9:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:9:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:9:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:9:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:9:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:9:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:9:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:9:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:9:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:9:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:10:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:10:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:10:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:10:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:10:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:10:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:10:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:10:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:10:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:10:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:10:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:10:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:10:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:10:THR:OG1	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HE	2:B:11:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:11:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:11:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:11:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:11:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:11:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:11:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:12:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:12:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:12:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:12:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:12:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:12:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:12:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:12:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:12:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:12:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:12:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:12:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:12:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:12:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:12:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:15:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:15:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:15:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:15:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:15:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:15:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:15:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:16:PRO:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:16:PRO:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:16:PRO:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:16:PRO:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:16:PRO:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:16:PRO:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:16:PRO:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:16:PRO:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:16:PRO:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:16:PRO:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:16:PRO:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:16:PRO:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:16:PRO:N	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HE	2:B:16:PRO:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:17:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:17:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:17:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:17:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:17:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:17:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:17:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:17:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:17:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:17:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:17:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:17:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:17:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:17:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:17:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:17:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:17:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:17:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:17:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:21:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:21:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:21:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:21:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:21:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:21:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:21:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:21:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:21:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:21:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:21:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:21:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:21:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:21:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:21:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:44:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:44:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:44:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:44:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:44:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:44:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:44:ASP:HB2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HE	2:B:44:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:44:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:44:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:44:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:44:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:46:TYR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:46:TYR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:46:TYR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:46:TYR:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:46:TYR:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:46:TYR:CE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:46:TYR:CE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:46:TYR:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:46:TYR:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:46:TYR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:46:TYR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:46:TYR:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:46:TYR:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:46:TYR:HD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:46:TYR:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:46:TYR:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:46:TYR:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:46:TYR:HH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:46:TYR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:46:TYR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:46:TYR:OH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:48:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:48:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:48:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:48:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:48:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:48:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:48:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:48:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:48:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:48:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:48:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:48:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:48:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:48:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:49:MET:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:49:MET:CA	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HE	2:B:49:MET:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:49:MET:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:49:MET:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:49:MET:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:49:MET:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:49:MET:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:49:MET:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:49:MET:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:49:MET:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:49:MET:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:49:MET:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:49:MET:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:49:MET:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:49:MET:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:49:MET:SD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:50:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:50:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:50:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:50:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:50:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:50:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:50:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:50:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:50:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:50:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:50:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:50:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:51:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:51:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:51:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:51:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:51:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:51:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:51:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:51:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:51:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:51:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:51:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:51:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:51:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:51:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:51:ILE:HG21	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HE	2:B:51:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:51:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:51:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:51:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:53:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:53:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:53:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:53:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:53:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:53:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:53:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:53:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:53:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:53:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:53:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:53:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:54:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:54:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:54:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:54:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:54:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:54:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:54:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:54:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:54:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:54:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:54:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:55:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:55:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:55:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:55:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:55:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:55:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:55:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:55:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:55:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:55:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:55:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:55:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:55:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:55:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:56:ARG:C	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HE	2:B:56:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:56:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:56:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:56:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:56:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:56:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:56:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:56:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:56:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:56:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:56:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:56:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:56:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:56:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:56:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:56:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:56:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:56:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:56:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:56:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:56:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:56:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:56:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:58:GLN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:58:GLN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:58:GLN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:58:GLN:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:58:GLN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:58:GLN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:58:GLN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:58:GLN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:58:GLN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:58:GLN:HE21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:58:GLN:HE22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:58:GLN:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:58:GLN:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:58:GLN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:58:GLN:NE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:58:GLN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:58:GLN:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:64:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:64:GLY:CA	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HE	2:B:64:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:64:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:64:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:64:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:64:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:66:LYS:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:66:LYS:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:66:LYS:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:66:LYS:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:66:LYS:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:66:LYS:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:66:LYS:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:66:LYS:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:66:LYS:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:66:LYS:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:66:LYS:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:66:LYS:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:66:LYS:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:66:LYS:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:66:LYS:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:66:LYS:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:66:LYS:HZ1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:66:LYS:HZ2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:66:LYS:HZ3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:66:LYS:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:66:LYS:NZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:66:LYS:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:67:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:67:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:67:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:67:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:67:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:67:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:67:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:67:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:67:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:67:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:67:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:67:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:67:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:67:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:68:ASP:C	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HE	2:B:68:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:68:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:68:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:68:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:68:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:68:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:68:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:68:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:68:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:68:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:68:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:70:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:70:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:70:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:70:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:70:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:70:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:70:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:70:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:70:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:70:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:70:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:70:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:70:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:70:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:70:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:70:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:70:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:70:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:70:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:72:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:72:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:72:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:72:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:72:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:72:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:72:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:72:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:72:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:72:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:72:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:72:LEU:HD12	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HE	2:B:72:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:72:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:72:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:72:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:72:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:72:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:72:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:74:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:74:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:74:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:74:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:74:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:74:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:74:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:74:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:74:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:74:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:74:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:74:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:74:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:74:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:74:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:74:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:74:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:74:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:74:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:74:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:74:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:74:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:74:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HE	2:B:74:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:6:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:6:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:6:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:6:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:6:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:6:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:6:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:6:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:6:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:6:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:6:SER:OG	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HG2	2:B:9:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:9:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:9:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:9:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:9:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:9:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:9:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:9:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:9:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:9:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:9:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:9:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:9:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:9:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:9:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:9:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:9:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:9:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:9:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:10:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:10:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:10:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:10:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:10:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:10:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:10:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:10:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:10:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:10:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:10:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:10:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:10:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:10:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:11:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:11:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:11:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:11:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:11:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:11:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:11:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:12:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:12:GLU:CA	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HG2	2:B:12:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:12:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:12:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:12:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:12:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:12:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:12:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:12:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:12:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:12:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:12:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:12:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:12:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:15:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:15:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:15:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:15:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:15:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:15:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:15:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:16:PRO:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:16:PRO:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:16:PRO:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:16:PRO:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:16:PRO:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:16:PRO:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:16:PRO:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:16:PRO:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:16:PRO:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:16:PRO:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:16:PRO:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:16:PRO:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:16:PRO:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:16:PRO:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:17:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:17:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:17:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:17:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:17:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:17:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:17:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:17:ILE:HA	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HG2	2:B:17:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:17:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:17:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:17:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:17:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:17:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:17:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:17:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:17:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:17:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:17:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:21:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:21:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:21:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:21:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:21:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:21:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:21:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:21:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:21:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:21:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:21:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:21:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:21:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:21:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:21:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:44:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:44:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:44:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:44:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:44:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:44:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:44:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:44:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:44:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:44:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:44:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:44:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:46:TYR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:46:TYR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:46:TYR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:46:TYR:CD1	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HG2	2:B:46:TYR:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:46:TYR:CE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:46:TYR:CE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:46:TYR:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:46:TYR:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:46:TYR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:46:TYR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:46:TYR:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:46:TYR:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:46:TYR:HD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:46:TYR:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:46:TYR:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:46:TYR:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:46:TYR:HH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:46:TYR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:46:TYR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:46:TYR:OH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:48:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:48:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:48:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:48:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:48:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:48:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:48:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:48:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:48:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:48:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:48:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:48:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:48:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:48:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:49:MET:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:49:MET:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:49:MET:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:49:MET:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:49:MET:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:49:MET:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:49:MET:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:49:MET:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:49:MET:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:49:MET:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:49:MET:HE2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HG2	2:B:49:MET:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:49:MET:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:49:MET:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:49:MET:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:49:MET:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:49:MET:SD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:50:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:50:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:50:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:50:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:50:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:50:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:50:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:50:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:50:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:50:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:50:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:50:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:51:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:51:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:51:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:51:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:51:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:51:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:51:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:51:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:51:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:51:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:51:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:51:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:51:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:51:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:51:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:51:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:51:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:51:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:51:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:53:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:53:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:53:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:53:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:53:ASP:H	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HG2	2:B:53:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:53:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:53:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:53:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:53:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:53:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:53:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:54:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:54:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:54:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:54:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:54:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:54:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:54:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:54:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:54:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:54:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:54:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:55:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:55:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:55:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:55:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:55:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:55:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:55:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:55:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:55:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:55:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:55:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:55:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:55:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:55:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:56:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:56:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:56:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:56:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:56:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:56:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:56:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:56:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:56:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:56:ARG:HB3	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HG2	2:B:56:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:56:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:56:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:56:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:56:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:56:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:56:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:56:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:56:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:56:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:56:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:56:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:56:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:56:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:58:GLN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:58:GLN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:58:GLN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:58:GLN:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:58:GLN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:58:GLN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:58:GLN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:58:GLN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:58:GLN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:58:GLN:HE21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:58:GLN:HE22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:58:GLN:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:58:GLN:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:58:GLN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:58:GLN:NE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:58:GLN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:58:GLN:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:64:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:64:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:64:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:64:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:64:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:64:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:64:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:66:LYS:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:66:LYS:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:66:LYS:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:66:LYS:CD	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HG2	2:B:66:LYS:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:66:LYS:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:66:LYS:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:66:LYS:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:66:LYS:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:66:LYS:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:66:LYS:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:66:LYS:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:66:LYS:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:66:LYS:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:66:LYS:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:66:LYS:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:66:LYS:HZ1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:66:LYS:HZ2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:66:LYS:HZ3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:66:LYS:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:66:LYS:NZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:66:LYS:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:67:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:67:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:67:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:67:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:67:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:67:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:67:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:67:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:67:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:67:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:67:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:67:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:67:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:67:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:68:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:68:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:68:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:68:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:68:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:68:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:68:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:68:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:68:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:68:ASP:O	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HG2	2:B:68:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:68:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:70:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:70:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:70:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:70:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:70:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:70:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:70:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:70:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:70:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:70:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:70:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:70:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:70:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:70:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:70:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:70:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:70:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:70:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:70:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:72:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:72:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:72:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:72:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:72:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:72:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:72:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:72:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:72:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:72:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:72:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:72:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:72:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:72:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:72:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:72:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:72:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:72:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:72:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:74:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:74:ARG:CA	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HG2	2:B:74:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:74:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:74:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:74:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:74:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:74:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:74:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:74:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:74:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:74:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:74:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:74:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:74:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:74:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:74:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:74:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:74:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:74:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:74:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:74:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:74:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG2	2:B:74:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:6:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:6:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:6:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:6:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:6:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:6:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:6:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:6:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:6:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:6:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:6:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:9:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:9:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:9:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:9:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:9:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:9:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:9:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:9:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:9:LEU:HB2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HG3	2:B:9:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:9:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:9:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:9:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:9:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:9:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:9:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:9:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:9:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:9:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:10:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:10:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:10:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:10:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:10:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:10:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:10:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:10:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:10:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:10:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:10:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:10:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:10:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:10:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:11:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:11:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:11:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:11:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:11:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:11:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:11:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:12:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:12:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:12:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:12:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:12:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:12:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:12:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:12:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:12:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:12:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:12:GLU:HG3	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HG3	2:B:12:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:12:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:12:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:12:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:15:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:15:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:15:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:15:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:15:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:15:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:15:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:16:PRO:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:16:PRO:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:16:PRO:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:16:PRO:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:16:PRO:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:16:PRO:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:16:PRO:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:16:PRO:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:16:PRO:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:16:PRO:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:16:PRO:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:16:PRO:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:16:PRO:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:16:PRO:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:17:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:17:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:17:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:17:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:17:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:17:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:17:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:17:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:17:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:17:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:17:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:17:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:17:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:17:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:17:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:17:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:17:ILE:HG23	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HG3	2:B:17:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:17:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:21:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:21:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:21:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:21:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:21:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:21:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:21:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:21:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:21:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:21:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:21:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:21:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:21:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:21:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:21:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:44:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:44:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:44:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:44:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:44:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:44:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:44:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:44:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:44:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:44:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:44:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:44:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:46:TYR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:46:TYR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:46:TYR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:46:TYR:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:46:TYR:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:46:TYR:CE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:46:TYR:CE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:46:TYR:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:46:TYR:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:46:TYR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:46:TYR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:46:TYR:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:46:TYR:HB3	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HG3	2:B:46:TYR:HD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:46:TYR:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:46:TYR:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:46:TYR:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:46:TYR:HH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:46:TYR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:46:TYR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:46:TYR:OH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:48:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:48:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:48:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:48:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:48:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:48:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:48:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:48:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:48:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:48:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:48:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:48:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:48:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:48:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:49:MET:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:49:MET:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:49:MET:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:49:MET:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:49:MET:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:49:MET:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:49:MET:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:49:MET:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:49:MET:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:49:MET:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:49:MET:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:49:MET:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:49:MET:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:49:MET:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:49:MET:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:49:MET:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:49:MET:SD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:50:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:50:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:50:ASP:CB	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HG3	2:B:50:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:50:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:50:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:50:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:50:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:50:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:50:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:50:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:50:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:51:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:51:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:51:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:51:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:51:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:51:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:51:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:51:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:51:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:51:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:51:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:51:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:51:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:51:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:51:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:51:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:51:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:51:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:51:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:53:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:53:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:53:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:53:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:53:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:53:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:53:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:53:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:53:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:53:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:53:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:53:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:54:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:54:SER:CA	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HG3	2:B:54:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:54:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:54:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:54:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:54:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:54:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:54:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:54:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:54:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:55:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:55:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:55:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:55:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:55:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:55:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:55:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:55:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:55:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:55:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:55:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:55:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:55:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:55:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:56:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:56:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:56:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:56:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:56:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:56:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:56:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:56:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:56:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:56:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:56:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:56:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:56:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:56:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:56:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:56:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:56:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:56:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:56:ARG:HH22	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HG3	2:B:56:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:56:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:56:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:56:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:56:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:58:GLN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:58:GLN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:58:GLN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:58:GLN:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:58:GLN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:58:GLN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:58:GLN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:58:GLN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:58:GLN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:58:GLN:HE21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:58:GLN:HE22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:58:GLN:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:58:GLN:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:58:GLN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:58:GLN:NE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:58:GLN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:58:GLN:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:64:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:64:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:64:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:64:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:64:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:64:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:64:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:66:LYS:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:66:LYS:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:66:LYS:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:66:LYS:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:66:LYS:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:66:LYS:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:66:LYS:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:66:LYS:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:66:LYS:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:66:LYS:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:66:LYS:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:66:LYS:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:66:LYS:HE2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HG3	2:B:66:LYS:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:66:LYS:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:66:LYS:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:66:LYS:HZ1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:66:LYS:HZ2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:66:LYS:HZ3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:66:LYS:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:66:LYS:NZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:66:LYS:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:67:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:67:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:67:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:67:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:67:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:67:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:67:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:67:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:67:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:67:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:67:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:67:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:67:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:67:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:68:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:68:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:68:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:68:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:68:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:68:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:68:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:68:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:68:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:68:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:68:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:68:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:70:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:70:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:70:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:70:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:70:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:70:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:70:LEU:H	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HG3	2:B:70:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:70:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:70:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:70:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:70:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:70:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:70:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:70:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:70:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:70:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:70:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:70:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:72:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:72:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:72:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:72:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:72:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:72:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:72:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:72:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:72:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:72:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:72:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:72:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:72:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:72:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:72:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:72:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:72:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:72:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:72:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:74:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:74:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:74:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:74:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:74:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:74:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:74:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:74:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:74:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:74:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:74:ARG:HD2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HG3	2:B:74:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:74:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:74:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:74:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:74:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:74:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:74:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:74:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:74:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:74:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:74:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:74:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HG3	2:B:74:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:6:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:6:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:6:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:6:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:6:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:6:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:6:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:6:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:6:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:6:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:6:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:9:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:9:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:9:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:9:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:9:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:9:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:9:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:9:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:9:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:9:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:9:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:9:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:9:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:9:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:9:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:9:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:9:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:9:LEU:N	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH11	2:B:9:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:10:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:10:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:10:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:10:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:10:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:10:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:10:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:10:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:10:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:10:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:10:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:10:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:10:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:10:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:11:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:11:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:11:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:11:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:11:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:11:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:11:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:12:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:12:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:12:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:12:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:12:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:12:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:12:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:12:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:12:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:12:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:12:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:12:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:12:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:12:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:12:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:15:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:15:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:15:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:15:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:15:GLY:HA3	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH11	2:B:15:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:15:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:16:PRO:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:16:PRO:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:16:PRO:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:16:PRO:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:16:PRO:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:16:PRO:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:16:PRO:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:16:PRO:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:16:PRO:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:16:PRO:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:16:PRO:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:16:PRO:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:16:PRO:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:16:PRO:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:17:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:17:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:17:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:17:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:17:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:17:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:17:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:17:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:17:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:17:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:17:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:17:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:17:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:17:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:17:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:17:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:17:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:17:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:17:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:21:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:21:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:21:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:21:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:21:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:21:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:21:GLU:HA	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH11	2:B:21:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:21:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:21:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:21:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:21:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:21:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:21:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:21:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:44:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:44:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:44:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:44:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:44:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:44:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:44:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:44:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:44:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:44:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:44:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:44:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:46:TYR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:46:TYR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:46:TYR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:46:TYR:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:46:TYR:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:46:TYR:CE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:46:TYR:CE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:46:TYR:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:46:TYR:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:46:TYR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:46:TYR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:46:TYR:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:46:TYR:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:46:TYR:HD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:46:TYR:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:46:TYR:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:46:TYR:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:46:TYR:HH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:46:TYR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:46:TYR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:46:TYR:OH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:48:ASN:C	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH11	2:B:48:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:48:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:48:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:48:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:48:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:48:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:48:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:48:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:48:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:48:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:48:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:48:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:48:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:49:MET:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:49:MET:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:49:MET:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:49:MET:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:49:MET:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:49:MET:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:49:MET:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:49:MET:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:49:MET:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:49:MET:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:49:MET:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:49:MET:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:49:MET:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:49:MET:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:49:MET:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:49:MET:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:49:MET:SD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:50:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:50:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:50:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:50:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:50:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:50:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:50:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:50:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:50:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:50:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:50:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:50:ASP:OD2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH11	2:B:51:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:51:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:51:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:51:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:51:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:51:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:51:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:51:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:51:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:51:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:51:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:51:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:51:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:51:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:51:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:51:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:51:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:51:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:51:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:53:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:53:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:53:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:53:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:53:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:53:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:53:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:53:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:53:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:53:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:53:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:53:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:54:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:54:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:54:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:54:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:54:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:54:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:54:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:54:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:54:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:54:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:54:SER:OG	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH11	2:B:55:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:55:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:55:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:55:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:55:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:55:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:55:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:55:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:55:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:55:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:55:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:55:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:55:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:55:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:56:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:56:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:56:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:56:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:56:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:56:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:56:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:56:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:56:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:56:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:56:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:56:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:56:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:56:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:56:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:56:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:56:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:56:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:56:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:56:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:56:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:56:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:56:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:56:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:58:GLN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:58:GLN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:58:GLN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:58:GLN:CD	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH11	2:B:58:GLN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:58:GLN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:58:GLN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:58:GLN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:58:GLN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:58:GLN:HE21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:58:GLN:HE22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:58:GLN:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:58:GLN:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:58:GLN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:58:GLN:NE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:58:GLN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:58:GLN:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:64:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:64:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:64:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:64:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:64:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:64:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:64:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:66:LYS:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:66:LYS:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:66:LYS:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:66:LYS:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:66:LYS:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:66:LYS:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:66:LYS:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:66:LYS:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:66:LYS:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:66:LYS:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:66:LYS:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:66:LYS:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:66:LYS:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:66:LYS:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:66:LYS:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:66:LYS:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:66:LYS:HZ1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:66:LYS:HZ2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:66:LYS:HZ3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:66:LYS:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:66:LYS:NZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:66:LYS:O	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH11	2:B:67:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:67:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:67:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:67:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:67:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:67:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:67:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:67:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:67:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:67:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:67:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:67:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:67:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:67:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:68:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:68:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:68:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:68:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:68:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:68:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:68:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:68:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:68:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:68:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:68:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:68:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:70:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:70:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:70:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:70:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:70:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:70:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:70:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:70:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:70:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:70:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:70:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:70:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:70:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:70:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:70:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:70:LEU:HD23	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH11	2:B:70:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:70:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:70:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:72:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:72:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:72:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:72:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:72:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:72:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:72:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:72:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:72:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:72:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:72:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:72:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:72:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:72:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:72:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:72:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:72:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:72:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:72:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:74:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:74:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:74:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:74:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:74:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:74:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:74:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:74:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:74:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:74:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:74:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:74:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:74:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:74:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:74:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:74:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:74:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:74:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:74:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:74:ARG:N	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH11	2:B:74:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:74:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:74:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH11	2:B:74:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:6:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:6:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:6:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:6:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:6:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:6:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:6:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:6:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:6:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:6:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:6:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:9:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:9:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:9:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:9:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:9:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:9:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:9:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:9:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:9:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:9:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:9:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:9:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:9:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:9:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:9:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:9:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:9:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:9:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:9:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:10:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:10:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:10:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:10:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:10:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:10:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:10:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:10:THR:HG1	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH12	2:B:10:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:10:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:10:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:10:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:10:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:10:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:11:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:11:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:11:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:11:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:11:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:11:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:11:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:12:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:12:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:12:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:12:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:12:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:12:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:12:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:12:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:12:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:12:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:12:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:12:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:12:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:12:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:12:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:15:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:15:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:15:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:15:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:15:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:15:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:15:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:16:PRO:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:16:PRO:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:16:PRO:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:16:PRO:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:16:PRO:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:16:PRO:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:16:PRO:HB2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH12	2:B:16:PRO:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:16:PRO:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:16:PRO:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:16:PRO:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:16:PRO:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:16:PRO:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:16:PRO:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:17:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:17:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:17:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:17:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:17:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:17:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:17:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:17:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:17:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:17:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:17:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:17:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:17:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:17:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:17:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:17:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:17:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:17:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:17:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:21:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:21:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:21:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:21:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:21:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:21:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:21:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:21:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:21:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:21:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:21:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:21:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:21:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:21:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:21:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:44:ASP:C	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH12	2:B:44:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:44:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:44:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:44:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:44:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:44:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:44:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:44:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:44:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:44:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:44:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:46:TYR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:46:TYR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:46:TYR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:46:TYR:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:46:TYR:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:46:TYR:CE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:46:TYR:CE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:46:TYR:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:46:TYR:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:46:TYR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:46:TYR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:46:TYR:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:46:TYR:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:46:TYR:HD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:46:TYR:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:46:TYR:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:46:TYR:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:46:TYR:HH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:46:TYR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:46:TYR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:46:TYR:OH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:48:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:48:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:48:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:48:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:48:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:48:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:48:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:48:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:48:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:48:ASN:HD22	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH12	2:B:48:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:48:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:48:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:48:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:49:MET:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:49:MET:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:49:MET:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:49:MET:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:49:MET:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:49:MET:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:49:MET:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:49:MET:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:49:MET:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:49:MET:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:49:MET:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:49:MET:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:49:MET:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:49:MET:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:49:MET:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:49:MET:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:49:MET:SD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:50:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:50:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:50:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:50:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:50:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:50:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:50:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:50:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:50:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:50:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:50:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:50:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:51:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:51:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:51:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:51:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:51:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:51:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:51:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:51:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:51:ILE:HB	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH12	2:B:51:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:51:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:51:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:51:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:51:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:51:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:51:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:51:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:51:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:51:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:53:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:53:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:53:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:53:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:53:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:53:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:53:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:53:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:53:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:53:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:53:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:53:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:54:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:54:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:54:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:54:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:54:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:54:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:54:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:54:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:54:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:54:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:54:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:55:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:55:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:55:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:55:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:55:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:55:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:55:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:55:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:55:ASN:HD21	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH12	2:B:55:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:55:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:55:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:55:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:55:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:56:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:56:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:56:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:56:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:56:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:56:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:56:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:56:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:56:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:56:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:56:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:56:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:56:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:56:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:56:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:56:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:56:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:56:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:56:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:56:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:56:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:56:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:56:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:56:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:58:GLN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:58:GLN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:58:GLN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:58:GLN:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:58:GLN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:58:GLN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:58:GLN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:58:GLN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:58:GLN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:58:GLN:HE21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:58:GLN:HE22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:58:GLN:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:58:GLN:HG3	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH12	2:B:58:GLN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:58:GLN:NE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:58:GLN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:58:GLN:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:64:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:64:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:64:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:64:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:64:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:64:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:64:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:66:LYS:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:66:LYS:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:66:LYS:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:66:LYS:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:66:LYS:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:66:LYS:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:66:LYS:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:66:LYS:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:66:LYS:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:66:LYS:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:66:LYS:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:66:LYS:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:66:LYS:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:66:LYS:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:66:LYS:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:66:LYS:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:66:LYS:HZ1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:66:LYS:HZ2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:66:LYS:HZ3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:66:LYS:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:66:LYS:NZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:66:LYS:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:67:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:67:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:67:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:67:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:67:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:67:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:67:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:67:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:67:THR:HG21	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH12	2:B:67:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:67:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:67:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:67:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:67:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:68:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:68:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:68:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:68:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:68:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:68:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:68:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:68:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:68:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:68:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:68:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:68:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:70:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:70:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:70:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:70:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:70:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:70:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:70:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:70:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:70:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:70:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:70:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:70:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:70:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:70:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:70:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:70:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:70:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:70:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:70:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:72:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:72:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:72:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:72:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:72:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:72:LEU:CG	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH12	2:B:72:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:72:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:72:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:72:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:72:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:72:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:72:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:72:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:72:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:72:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:72:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:72:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:72:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:74:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:74:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:74:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:74:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:74:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:74:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:74:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:74:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:74:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:74:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:74:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:74:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:74:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:74:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:74:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:74:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:74:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:74:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:74:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:74:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:74:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:74:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:74:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH12	2:B:74:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:6:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:6:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:6:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:6:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:6:SER:HA	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH21	2:B:6:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:6:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:6:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:6:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:6:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:6:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:9:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:9:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:9:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:9:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:9:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:9:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:9:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:9:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:9:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:9:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:9:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:9:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:9:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:9:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:9:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:9:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:9:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:9:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:9:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:10:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:10:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:10:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:10:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:10:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:10:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:10:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:10:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:10:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:10:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:10:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:10:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:10:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:10:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:11:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:11:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:11:GLY:H	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH21	2:B:11:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:11:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:11:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:11:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:12:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:12:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:12:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:12:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:12:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:12:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:12:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:12:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:12:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:12:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:12:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:12:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:12:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:12:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:12:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:15:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:15:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:15:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:15:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:15:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:15:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:15:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:16:PRO:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:16:PRO:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:16:PRO:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:16:PRO:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:16:PRO:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:16:PRO:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:16:PRO:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:16:PRO:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:16:PRO:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:16:PRO:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:16:PRO:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:16:PRO:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:16:PRO:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:16:PRO:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:17:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:17:ILE:CA	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH21	2:B:17:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:17:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:17:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:17:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:17:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:17:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:17:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:17:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:17:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:17:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:17:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:17:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:17:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:17:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:17:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:17:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:17:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:21:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:21:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:21:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:21:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:21:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:21:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:21:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:21:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:21:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:21:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:21:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:21:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:21:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:21:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:21:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:44:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:44:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:44:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:44:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:44:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:44:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:44:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:44:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:44:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:44:ASP:O	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH21	2:B:44:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:44:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:46:TYR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:46:TYR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:46:TYR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:46:TYR:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:46:TYR:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:46:TYR:CE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:46:TYR:CE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:46:TYR:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:46:TYR:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:46:TYR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:46:TYR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:46:TYR:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:46:TYR:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:46:TYR:HD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:46:TYR:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:46:TYR:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:46:TYR:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:46:TYR:HH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:46:TYR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:46:TYR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:46:TYR:OH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:48:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:48:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:48:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:48:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:48:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:48:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:48:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:48:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:48:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:48:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:48:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:48:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:48:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:48:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:49:MET:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:49:MET:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:49:MET:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:49:MET:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:49:MET:CG	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH21	2:B:49:MET:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:49:MET:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:49:MET:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:49:MET:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:49:MET:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:49:MET:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:49:MET:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:49:MET:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:49:MET:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:49:MET:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:49:MET:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:49:MET:SD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:50:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:50:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:50:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:50:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:50:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:50:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:50:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:50:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:50:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:50:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:50:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:50:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:51:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:51:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:51:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:51:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:51:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:51:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:51:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:51:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:51:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:51:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:51:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:51:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:51:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:51:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:51:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:51:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:51:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:51:ILE:N	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH21	2:B:51:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:53:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:53:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:53:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:53:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:53:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:53:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:53:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:53:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:53:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:53:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:53:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:53:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:54:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:54:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:54:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:54:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:54:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:54:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:54:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:54:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:54:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:54:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:54:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:55:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:55:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:55:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:55:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:55:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:55:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:55:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:55:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:55:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:55:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:55:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:55:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:55:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:55:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:56:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:56:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:56:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:56:ARG:CD	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH21	2:B:56:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:56:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:56:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:56:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:56:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:56:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:56:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:56:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:56:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:56:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:56:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:56:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:56:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:56:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:56:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:56:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:56:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:56:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:56:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:56:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:58:GLN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:58:GLN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:58:GLN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:58:GLN:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:58:GLN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:58:GLN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:58:GLN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:58:GLN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:58:GLN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:58:GLN:HE21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:58:GLN:HE22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:58:GLN:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:58:GLN:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:58:GLN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:58:GLN:NE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:58:GLN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:58:GLN:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:64:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:64:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:64:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:64:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:64:GLY:HA3	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH21	2:B:64:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:64:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:66:LYS:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:66:LYS:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:66:LYS:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:66:LYS:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:66:LYS:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:66:LYS:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:66:LYS:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:66:LYS:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:66:LYS:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:66:LYS:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:66:LYS:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:66:LYS:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:66:LYS:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:66:LYS:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:66:LYS:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:66:LYS:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:66:LYS:HZ1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:66:LYS:HZ2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:66:LYS:HZ3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:66:LYS:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:66:LYS:NZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:66:LYS:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:67:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:67:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:67:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:67:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:67:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:67:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:67:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:67:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:67:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:67:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:67:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:67:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:67:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:67:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:68:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:68:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:68:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:68:ASP:CG	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH21	2:B:68:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:68:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:68:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:68:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:68:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:68:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:68:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:68:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:70:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:70:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:70:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:70:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:70:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:70:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:70:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:70:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:70:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:70:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:70:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:70:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:70:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:70:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:70:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:70:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:70:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:70:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:70:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:72:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:72:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:72:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:72:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:72:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:72:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:72:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:72:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:72:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:72:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:72:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:72:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:72:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:72:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:72:LEU:HD22	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH21	2:B:72:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:72:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:72:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:72:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:74:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:74:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:74:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:74:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:74:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:74:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:74:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:74:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:74:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:74:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:74:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:74:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:74:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:74:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:74:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:74:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:74:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:74:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:74:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:74:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:74:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:74:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:74:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH21	2:B:74:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:6:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:6:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:6:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:6:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:6:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:6:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:6:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:6:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:6:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:6:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:6:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:9:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:9:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:9:LEU:CB	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH22	2:B:9:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:9:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:9:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:9:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:9:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:9:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:9:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:9:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:9:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:9:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:9:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:9:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:9:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:9:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:9:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:9:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:10:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:10:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:10:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:10:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:10:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:10:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:10:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:10:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:10:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:10:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:10:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:10:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:10:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:10:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:11:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:11:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:11:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:11:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:11:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:11:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:11:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:12:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:12:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:12:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:12:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:12:GLU:CG	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH22	2:B:12:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:12:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:12:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:12:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:12:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:12:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:12:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:12:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:12:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:12:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:15:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:15:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:15:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:15:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:15:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:15:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:15:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:16:PRO:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:16:PRO:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:16:PRO:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:16:PRO:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:16:PRO:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:16:PRO:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:16:PRO:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:16:PRO:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:16:PRO:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:16:PRO:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:16:PRO:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:16:PRO:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:16:PRO:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:16:PRO:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:17:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:17:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:17:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:17:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:17:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:17:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:17:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:17:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:17:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:17:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:17:ILE:HD12	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH22	2:B:17:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:17:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:17:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:17:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:17:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:17:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:17:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:17:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:21:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:21:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:21:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:21:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:21:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:21:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:21:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:21:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:21:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:21:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:21:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:21:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:21:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:21:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:21:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:44:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:44:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:44:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:44:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:44:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:44:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:44:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:44:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:44:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:44:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:44:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:44:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:46:TYR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:46:TYR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:46:TYR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:46:TYR:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:46:TYR:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:46:TYR:CE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:46:TYR:CE2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH22	2:B:46:TYR:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:46:TYR:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:46:TYR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:46:TYR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:46:TYR:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:46:TYR:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:46:TYR:HD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:46:TYR:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:46:TYR:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:46:TYR:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:46:TYR:HH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:46:TYR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:46:TYR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:46:TYR:OH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:48:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:48:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:48:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:48:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:48:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:48:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:48:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:48:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:48:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:48:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:48:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:48:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:48:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:48:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:49:MET:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:49:MET:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:49:MET:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:49:MET:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:49:MET:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:49:MET:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:49:MET:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:49:MET:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:49:MET:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:49:MET:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:49:MET:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:49:MET:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:49:MET:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:49:MET:HG3	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH22	2:B:49:MET:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:49:MET:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:49:MET:SD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:50:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:50:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:50:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:50:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:50:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:50:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:50:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:50:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:50:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:50:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:50:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:50:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:51:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:51:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:51:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:51:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:51:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:51:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:51:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:51:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:51:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:51:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:51:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:51:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:51:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:51:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:51:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:51:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:51:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:51:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:51:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:53:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:53:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:53:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:53:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:53:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:53:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:53:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:53:ASP:HB3	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH22	2:B:53:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:53:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:53:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:53:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:54:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:54:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:54:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:54:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:54:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:54:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:54:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:54:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:54:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:54:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:54:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:55:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:55:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:55:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:55:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:55:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:55:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:55:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:55:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:55:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:55:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:55:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:55:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:55:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:55:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:56:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:56:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:56:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:56:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:56:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:56:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:56:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:56:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:56:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:56:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:56:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:56:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:56:ARG:HE	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH22	2:B:56:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:56:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:56:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:56:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:56:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:56:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:56:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:56:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:56:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:56:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:56:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:58:GLN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:58:GLN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:58:GLN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:58:GLN:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:58:GLN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:58:GLN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:58:GLN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:58:GLN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:58:GLN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:58:GLN:HE21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:58:GLN:HE22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:58:GLN:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:58:GLN:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:58:GLN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:58:GLN:NE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:58:GLN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:58:GLN:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:64:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:64:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:64:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:64:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:64:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:64:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:64:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:66:LYS:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:66:LYS:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:66:LYS:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:66:LYS:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:66:LYS:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:66:LYS:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:66:LYS:H	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH22	2:B:66:LYS:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:66:LYS:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:66:LYS:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:66:LYS:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:66:LYS:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:66:LYS:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:66:LYS:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:66:LYS:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:66:LYS:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:66:LYS:HZ1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:66:LYS:HZ2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:66:LYS:HZ3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:66:LYS:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:66:LYS:NZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:66:LYS:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:67:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:67:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:67:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:67:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:67:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:67:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:67:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:67:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:67:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:67:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:67:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:67:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:67:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:67:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:68:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:68:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:68:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:68:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:68:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:68:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:68:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:68:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:68:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:68:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:68:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:68:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:70:LEU:C	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH22	2:B:70:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:70:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:70:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:70:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:70:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:70:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:70:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:70:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:70:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:70:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:70:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:70:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:70:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:70:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:70:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:70:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:70:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:70:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:72:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:72:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:72:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:72:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:72:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:72:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:72:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:72:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:72:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:72:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:72:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:72:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:72:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:72:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:72:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:72:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:72:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:72:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:72:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:74:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:74:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:74:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:74:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:74:ARG:CG	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:HH22	2:B:74:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:74:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:74:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:74:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:74:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:74:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:74:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:74:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:74:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:74:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:74:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:74:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:74:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:74:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:74:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:74:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:74:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:74:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:HH22	2:B:74:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:6:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:6:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:6:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:6:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:6:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:6:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:6:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:6:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:6:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:6:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:6:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:9:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:9:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:9:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:9:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:9:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:9:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:9:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:9:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:9:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:9:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:9:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:9:LEU:HD12	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:N	2:B:9:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:9:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:9:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:9:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:9:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:9:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:9:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:10:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:10:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:10:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:10:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:10:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:10:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:10:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:10:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:10:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:10:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:10:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:10:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:10:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:10:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:11:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:11:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:11:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:11:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:11:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:11:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:11:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:12:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:12:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:12:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:12:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:12:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:12:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:12:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:12:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:12:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:12:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:12:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:12:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:12:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:12:GLU:OE1	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:N	2:B:12:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:15:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:15:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:15:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:15:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:15:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:15:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:15:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:16:PRO:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:16:PRO:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:16:PRO:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:16:PRO:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:16:PRO:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:16:PRO:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:16:PRO:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:16:PRO:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:16:PRO:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:16:PRO:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:16:PRO:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:16:PRO:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:16:PRO:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:16:PRO:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:17:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:17:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:17:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:17:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:17:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:17:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:17:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:17:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:17:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:17:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:17:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:17:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:17:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:17:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:17:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:17:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:17:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:17:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:17:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:21:GLU:C	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:N	2:B:21:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:21:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:21:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:21:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:21:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:21:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:21:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:21:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:21:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:21:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:21:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:21:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:21:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:21:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:44:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:44:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:44:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:44:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:44:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:44:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:44:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:44:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:44:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:44:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:44:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:44:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:46:TYR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:46:TYR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:46:TYR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:46:TYR:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:46:TYR:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:46:TYR:CE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:46:TYR:CE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:46:TYR:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:46:TYR:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:46:TYR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:46:TYR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:46:TYR:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:46:TYR:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:46:TYR:HD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:46:TYR:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:46:TYR:HE1	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:N	2:B:46:TYR:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:46:TYR:HH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:46:TYR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:46:TYR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:46:TYR:OH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:48:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:48:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:48:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:48:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:48:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:48:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:48:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:48:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:48:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:48:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:48:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:48:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:48:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:48:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:49:MET:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:49:MET:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:49:MET:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:49:MET:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:49:MET:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:49:MET:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:49:MET:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:49:MET:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:49:MET:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:49:MET:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:49:MET:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:49:MET:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:49:MET:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:49:MET:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:49:MET:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:49:MET:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:49:MET:SD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:50:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:50:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:50:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:50:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:50:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:50:ASP:HA	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:N	2:B:50:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:50:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:50:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:50:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:50:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:50:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:51:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:51:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:51:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:51:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:51:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:51:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:51:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:51:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:51:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:51:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:51:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:51:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:51:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:51:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:51:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:51:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:51:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:51:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:51:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:53:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:53:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:53:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:53:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:53:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:53:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:53:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:53:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:53:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:53:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:53:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:53:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:54:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:54:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:54:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:54:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:54:SER:HA	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:N	2:B:54:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:54:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:54:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:54:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:54:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:54:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:55:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:55:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:55:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:55:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:55:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:55:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:55:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:55:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:55:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:55:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:55:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:55:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:55:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:55:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:56:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:56:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:56:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:56:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:56:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:56:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:56:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:56:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:56:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:56:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:56:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:56:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:56:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:56:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:56:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:56:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:56:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:56:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:56:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:56:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:56:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:56:ARG:NH1	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:N	2:B:56:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:56:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:58:GLN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:58:GLN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:58:GLN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:58:GLN:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:58:GLN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:58:GLN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:58:GLN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:58:GLN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:58:GLN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:58:GLN:HE21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:58:GLN:HE22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:58:GLN:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:58:GLN:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:58:GLN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:58:GLN:NE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:58:GLN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:58:GLN:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:64:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:64:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:64:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:64:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:64:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:64:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:64:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:66:LYS:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:66:LYS:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:66:LYS:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:66:LYS:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:66:LYS:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:66:LYS:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:66:LYS:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:66:LYS:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:66:LYS:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:66:LYS:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:66:LYS:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:66:LYS:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:66:LYS:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:66:LYS:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:66:LYS:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:66:LYS:HG3	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:N	2:B:66:LYS:HZ1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:66:LYS:HZ2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:66:LYS:HZ3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:66:LYS:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:66:LYS:NZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:66:LYS:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:67:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:67:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:67:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:67:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:67:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:67:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:67:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:67:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:67:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:67:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:67:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:67:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:67:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:67:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:68:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:68:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:68:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:68:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:68:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:68:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:68:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:68:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:68:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:68:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:68:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:68:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:70:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:70:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:70:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:70:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:70:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:70:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:70:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:70:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:70:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:70:LEU:HB3	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:N	2:B:70:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:70:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:70:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:70:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:70:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:70:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:70:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:70:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:70:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:72:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:72:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:72:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:72:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:72:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:72:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:72:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:72:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:72:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:72:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:72:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:72:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:72:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:72:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:72:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:72:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:72:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:72:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:72:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:74:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:74:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:74:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:74:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:74:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:74:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:74:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:74:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:74:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:74:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:74:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:74:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:74:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:74:ARG:HG2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:N	2:B:74:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:74:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:74:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:74:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:74:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:74:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:74:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:74:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:74:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:N	2:B:74:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:6:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:6:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:6:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:6:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:6:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:6:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:6:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:6:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:6:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:6:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:6:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:9:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:9:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:9:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:9:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:9:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:9:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:9:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:9:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:9:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:9:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:9:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:9:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:9:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:9:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:9:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:9:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:9:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:9:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:9:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:10:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:10:THR:CA	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NE	2:B:10:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:10:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:10:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:10:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:10:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:10:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:10:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:10:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:10:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:10:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:10:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:10:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:11:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:11:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:11:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:11:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:11:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:11:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:11:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:12:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:12:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:12:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:12:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:12:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:12:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:12:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:12:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:12:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:12:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:12:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:12:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:12:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:12:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:12:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:15:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:15:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:15:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:15:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:15:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:15:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:15:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:16:PRO:C	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NE	2:B:16:PRO:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:16:PRO:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:16:PRO:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:16:PRO:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:16:PRO:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:16:PRO:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:16:PRO:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:16:PRO:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:16:PRO:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:16:PRO:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:16:PRO:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:16:PRO:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:16:PRO:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:17:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:17:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:17:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:17:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:17:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:17:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:17:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:17:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:17:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:17:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:17:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:17:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:17:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:17:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:17:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:17:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:17:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:17:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:17:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:21:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:21:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:21:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:21:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:21:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:21:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:21:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:21:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:21:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:21:GLU:HG2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NE	2:B:21:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:21:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:21:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:21:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:21:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:44:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:44:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:44:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:44:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:44:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:44:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:44:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:44:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:44:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:44:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:44:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:44:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:46:TYR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:46:TYR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:46:TYR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:46:TYR:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:46:TYR:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:46:TYR:CE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:46:TYR:CE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:46:TYR:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:46:TYR:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:46:TYR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:46:TYR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:46:TYR:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:46:TYR:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:46:TYR:HD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:46:TYR:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:46:TYR:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:46:TYR:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:46:TYR:HH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:46:TYR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:46:TYR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:46:TYR:OH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:48:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:48:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:48:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:48:ASN:CG	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NE	2:B:48:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:48:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:48:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:48:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:48:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:48:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:48:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:48:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:48:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:48:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:49:MET:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:49:MET:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:49:MET:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:49:MET:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:49:MET:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:49:MET:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:49:MET:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:49:MET:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:49:MET:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:49:MET:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:49:MET:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:49:MET:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:49:MET:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:49:MET:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:49:MET:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:49:MET:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:49:MET:SD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:50:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:50:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:50:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:50:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:50:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:50:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:50:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:50:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:50:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:50:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:50:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:50:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:51:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:51:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:51:ILE:CB	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NE	2:B:51:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:51:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:51:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:51:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:51:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:51:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:51:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:51:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:51:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:51:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:51:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:51:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:51:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:51:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:51:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:51:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:53:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:53:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:53:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:53:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:53:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:53:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:53:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:53:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:53:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:53:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:53:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:53:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:54:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:54:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:54:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:54:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:54:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:54:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:54:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:54:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:54:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:54:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:54:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:55:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:55:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:55:ASN:CB	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NE	2:B:55:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:55:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:55:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:55:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:55:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:55:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:55:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:55:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:55:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:55:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:55:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:56:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:56:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:56:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:56:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:56:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:56:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:56:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:56:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:56:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:56:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:56:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:56:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:56:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:56:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:56:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:56:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:56:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:56:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:56:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:56:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:56:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:56:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:56:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:56:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:58:GLN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:58:GLN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:58:GLN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:58:GLN:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:58:GLN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:58:GLN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:58:GLN:HA	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NE	2:B:58:GLN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:58:GLN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:58:GLN:HE21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:58:GLN:HE22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:58:GLN:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:58:GLN:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:58:GLN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:58:GLN:NE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:58:GLN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:58:GLN:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:64:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:64:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:64:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:64:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:64:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:64:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:64:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:66:LYS:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:66:LYS:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:66:LYS:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:66:LYS:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:66:LYS:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:66:LYS:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:66:LYS:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:66:LYS:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:66:LYS:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:66:LYS:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:66:LYS:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:66:LYS:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:66:LYS:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:66:LYS:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:66:LYS:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:66:LYS:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:66:LYS:HZ1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:66:LYS:HZ2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:66:LYS:HZ3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:66:LYS:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:66:LYS:NZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:66:LYS:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:67:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:67:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:67:THR:CB	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NE	2:B:67:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:67:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:67:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:67:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:67:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:67:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:67:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:67:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:67:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:67:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:67:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:68:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:68:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:68:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:68:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:68:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:68:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:68:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:68:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:68:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:68:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:68:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:68:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:70:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:70:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:70:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:70:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:70:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:70:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:70:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:70:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:70:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:70:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:70:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:70:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:70:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:70:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:70:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:70:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:70:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:70:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:70:LEU:O	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NE	2:B:72:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:72:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:72:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:72:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:72:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:72:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:72:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:72:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:72:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:72:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:72:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:72:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:72:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:72:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:72:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:72:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:72:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:72:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:72:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:74:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:74:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:74:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:74:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:74:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:74:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:74:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:74:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:74:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:74:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:74:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:74:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:74:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:74:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:74:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:74:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:74:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:74:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:74:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:74:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:74:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:74:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NE	2:B:74:ARG:NH2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NE	2:B:74:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:6:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:6:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:6:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:6:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:6:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:6:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:6:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:6:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:6:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:6:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:6:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:9:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:9:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:9:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:9:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:9:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:9:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:9:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:9:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:9:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:9:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:9:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:9:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:9:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:9:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:9:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:9:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:9:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:9:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:9:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:10:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:10:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:10:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:10:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:10:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:10:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:10:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:10:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:10:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:10:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:10:THR:HG23	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NH1	2:B:10:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:10:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:10:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:11:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:11:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:11:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:11:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:11:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:11:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:11:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:12:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:12:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:12:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:12:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:12:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:12:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:12:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:12:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:12:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:12:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:12:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:12:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:12:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:12:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:12:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:15:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:15:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:15:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:15:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:15:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:15:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:15:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:16:PRO:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:16:PRO:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:16:PRO:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:16:PRO:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:16:PRO:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:16:PRO:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:16:PRO:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:16:PRO:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:16:PRO:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:16:PRO:HD3	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NH1	2:B:16:PRO:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:16:PRO:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:16:PRO:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:16:PRO:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:17:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:17:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:17:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:17:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:17:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:17:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:17:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:17:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:17:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:17:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:17:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:17:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:17:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:17:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:17:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:17:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:17:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:17:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:17:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:21:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:21:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:21:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:21:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:21:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:21:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:21:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:21:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:21:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:21:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:21:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:21:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:21:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:21:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:21:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:44:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:44:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:44:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:44:ASP:CG	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NH1	2:B:44:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:44:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:44:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:44:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:44:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:44:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:44:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:44:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:46:TYR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:46:TYR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:46:TYR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:46:TYR:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:46:TYR:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:46:TYR:CE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:46:TYR:CE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:46:TYR:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:46:TYR:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:46:TYR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:46:TYR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:46:TYR:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:46:TYR:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:46:TYR:HD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:46:TYR:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:46:TYR:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:46:TYR:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:46:TYR:HH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:46:TYR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:46:TYR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:46:TYR:OH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:48:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:48:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:48:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:48:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:48:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:48:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:48:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:48:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:48:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:48:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:48:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:48:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:48:ASN:O	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NH1	2:B:48:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:49:MET:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:49:MET:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:49:MET:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:49:MET:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:49:MET:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:49:MET:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:49:MET:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:49:MET:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:49:MET:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:49:MET:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:49:MET:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:49:MET:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:49:MET:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:49:MET:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:49:MET:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:49:MET:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:49:MET:SD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:50:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:50:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:50:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:50:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:50:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:50:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:50:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:50:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:50:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:50:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:50:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:50:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:51:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:51:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:51:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:51:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:51:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:51:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:51:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:51:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:51:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:51:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:51:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:51:ILE:HD13	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NH1	2:B:51:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:51:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:51:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:51:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:51:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:51:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:51:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:53:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:53:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:53:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:53:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:53:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:53:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:53:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:53:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:53:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:53:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:53:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:53:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:54:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:54:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:54:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:54:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:54:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:54:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:54:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:54:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:54:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:54:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:54:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:55:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:55:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:55:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:55:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:55:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:55:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:55:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:55:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:55:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:55:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:55:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:55:ASN:ND2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NH1	2:B:55:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:55:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:56:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:56:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:56:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:56:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:56:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:56:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:56:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:56:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:56:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:56:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:56:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:56:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:56:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:56:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:56:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:56:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:56:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:56:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:56:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:56:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:56:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:56:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:56:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:56:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:58:GLN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:58:GLN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:58:GLN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:58:GLN:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:58:GLN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:58:GLN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:58:GLN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:58:GLN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:58:GLN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:58:GLN:HE21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:58:GLN:HE22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:58:GLN:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:58:GLN:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:58:GLN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:58:GLN:NE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:58:GLN:O	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NH1	2:B:58:GLN:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:64:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:64:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:64:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:64:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:64:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:64:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:64:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:66:LYS:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:66:LYS:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:66:LYS:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:66:LYS:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:66:LYS:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:66:LYS:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:66:LYS:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:66:LYS:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:66:LYS:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:66:LYS:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:66:LYS:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:66:LYS:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:66:LYS:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:66:LYS:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:66:LYS:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:66:LYS:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:66:LYS:HZ1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:66:LYS:HZ2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:66:LYS:HZ3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:66:LYS:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:66:LYS:NZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:66:LYS:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:67:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:67:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:67:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:67:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:67:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:67:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:67:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:67:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:67:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:67:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:67:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:67:THR:N	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NH1	2:B:67:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:67:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:68:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:68:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:68:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:68:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:68:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:68:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:68:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:68:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:68:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:68:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:68:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:68:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:70:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:70:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:70:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:70:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:70:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:70:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:70:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:70:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:70:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:70:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:70:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:70:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:70:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:70:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:70:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:70:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:70:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:70:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:70:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:72:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:72:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:72:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:72:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:72:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:72:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:72:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:72:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:72:LEU:HB2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NH1	2:B:72:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:72:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:72:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:72:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:72:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:72:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:72:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:72:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:72:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:72:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:74:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:74:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:74:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:74:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:74:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:74:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:74:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:74:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:74:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:74:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:74:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:74:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:74:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:74:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:74:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:74:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:74:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:74:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:74:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:74:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:74:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:74:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:74:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH1	2:B:74:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:6:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:6:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:6:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:6:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:6:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:6:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:6:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:6:SER:HG	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NH2	2:B:6:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:6:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:6:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:9:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:9:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:9:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:9:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:9:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:9:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:9:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:9:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:9:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:9:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:9:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:9:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:9:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:9:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:9:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:9:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:9:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:9:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:9:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:10:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:10:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:10:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:10:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:10:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:10:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:10:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:10:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:10:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:10:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:10:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:10:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:10:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:10:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:11:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:11:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:11:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:11:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:11:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:11:GLY:N	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NH2	2:B:11:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:12:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:12:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:12:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:12:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:12:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:12:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:12:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:12:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:12:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:12:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:12:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:12:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:12:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:12:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:12:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:15:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:15:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:15:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:15:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:15:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:15:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:15:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:16:PRO:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:16:PRO:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:16:PRO:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:16:PRO:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:16:PRO:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:16:PRO:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:16:PRO:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:16:PRO:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:16:PRO:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:16:PRO:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:16:PRO:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:16:PRO:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:16:PRO:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:16:PRO:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:17:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:17:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:17:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:17:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:17:ILE:CG1	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NH2	2:B:17:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:17:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:17:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:17:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:17:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:17:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:17:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:17:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:17:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:17:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:17:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:17:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:17:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:17:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:21:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:21:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:21:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:21:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:21:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:21:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:21:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:21:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:21:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:21:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:21:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:21:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:21:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:21:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:21:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:44:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:44:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:44:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:44:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:44:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:44:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:44:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:44:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:44:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:44:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:44:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:44:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:46:TYR:C	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NH2	2:B:46:TYR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:46:TYR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:46:TYR:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:46:TYR:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:46:TYR:CE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:46:TYR:CE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:46:TYR:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:46:TYR:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:46:TYR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:46:TYR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:46:TYR:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:46:TYR:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:46:TYR:HD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:46:TYR:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:46:TYR:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:46:TYR:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:46:TYR:HH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:46:TYR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:46:TYR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:46:TYR:OH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:48:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:48:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:48:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:48:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:48:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:48:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:48:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:48:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:48:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:48:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:48:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:48:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:48:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:48:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:49:MET:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:49:MET:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:49:MET:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:49:MET:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:49:MET:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:49:MET:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:49:MET:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:49:MET:HB2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NH2	2:B:49:MET:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:49:MET:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:49:MET:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:49:MET:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:49:MET:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:49:MET:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:49:MET:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:49:MET:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:49:MET:SD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:50:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:50:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:50:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:50:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:50:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:50:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:50:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:50:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:50:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:50:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:50:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:50:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:51:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:51:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:51:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:51:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:51:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:51:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:51:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:51:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:51:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:51:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:51:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:51:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:51:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:51:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:51:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:51:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:51:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:51:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:51:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:53:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:53:ASP:CA	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NH2	2:B:53:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:53:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:53:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:53:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:53:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:53:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:53:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:53:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:53:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:53:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:54:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:54:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:54:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:54:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:54:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:54:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:54:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:54:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:54:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:54:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:54:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:55:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:55:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:55:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:55:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:55:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:55:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:55:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:55:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:55:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:55:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:55:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:55:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:55:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:55:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:56:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:56:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:56:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:56:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:56:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:56:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:56:ARG:H	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NH2	2:B:56:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:56:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:56:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:56:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:56:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:56:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:56:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:56:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:56:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:56:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:56:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:56:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:56:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:56:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:56:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:56:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:56:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:58:GLN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:58:GLN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:58:GLN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:58:GLN:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:58:GLN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:58:GLN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:58:GLN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:58:GLN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:58:GLN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:58:GLN:HE21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:58:GLN:HE22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:58:GLN:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:58:GLN:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:58:GLN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:58:GLN:NE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:58:GLN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:58:GLN:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:64:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:64:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:64:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:64:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:64:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:64:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:64:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:66:LYS:C	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NH2	2:B:66:LYS:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:66:LYS:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:66:LYS:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:66:LYS:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:66:LYS:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:66:LYS:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:66:LYS:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:66:LYS:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:66:LYS:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:66:LYS:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:66:LYS:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:66:LYS:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:66:LYS:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:66:LYS:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:66:LYS:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:66:LYS:HZ1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:66:LYS:HZ2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:66:LYS:HZ3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:66:LYS:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:66:LYS:NZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:66:LYS:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:67:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:67:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:67:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:67:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:67:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:67:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:67:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:67:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:67:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:67:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:67:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:67:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:67:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:67:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:68:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:68:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:68:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:68:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:68:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:68:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:68:ASP:HB2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NH2	2:B:68:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:68:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:68:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:68:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:68:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:70:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:70:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:70:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:70:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:70:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:70:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:70:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:70:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:70:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:70:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:70:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:70:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:70:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:70:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:70:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:70:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:70:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:70:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:70:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:72:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:72:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:72:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:72:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:72:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:72:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:72:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:72:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:72:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:72:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:72:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:72:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:72:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:72:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:72:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:72:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:72:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:72:LEU:N	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:NH2	2:B:72:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:74:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:74:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:74:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:74:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:74:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:74:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:74:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:74:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:74:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:74:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:74:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:74:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:74:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:74:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:74:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:74:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:74:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:74:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:74:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:74:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:74:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:74:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:74:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:NH2	2:B:74:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:6:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:6:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:6:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:6:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:6:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:6:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:6:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:6:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:6:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:6:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:6:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:9:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:9:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:9:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:9:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:9:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:9:LEU:CG	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:O	2:B:9:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:9:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:9:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:9:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:9:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:9:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:9:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:9:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:9:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:9:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:9:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:9:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:9:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:10:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:10:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:10:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:10:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:10:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:10:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:10:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:10:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:10:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:10:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:10:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:10:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:10:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:10:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:11:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:11:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:11:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:11:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:11:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:11:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:11:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:12:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:12:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:12:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:12:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:12:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:12:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:12:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:12:GLU:HB2	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:O	2:B:12:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:12:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:12:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:12:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:12:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:12:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:12:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:15:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:15:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:15:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:15:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:15:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:15:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:15:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:16:PRO:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:16:PRO:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:16:PRO:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:16:PRO:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:16:PRO:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:16:PRO:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:16:PRO:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:16:PRO:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:16:PRO:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:16:PRO:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:16:PRO:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:16:PRO:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:16:PRO:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:16:PRO:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:17:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:17:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:17:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:17:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:17:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:17:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:17:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:17:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:17:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:17:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:17:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:17:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:17:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:17:ILE:HG13	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:O	2:B:17:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:17:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:17:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:17:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:17:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:21:GLU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:21:GLU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:21:GLU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:21:GLU:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:21:GLU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:21:GLU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:21:GLU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:21:GLU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:21:GLU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:21:GLU:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:21:GLU:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:21:GLU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:21:GLU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:21:GLU:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:21:GLU:OE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:44:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:44:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:44:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:44:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:44:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:44:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:44:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:44:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:44:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:44:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:44:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:44:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:46:TYR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:46:TYR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:46:TYR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:46:TYR:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:46:TYR:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:46:TYR:CE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:46:TYR:CE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:46:TYR:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:46:TYR:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:46:TYR:H	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:O	2:B:46:TYR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:46:TYR:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:46:TYR:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:46:TYR:HD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:46:TYR:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:46:TYR:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:46:TYR:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:46:TYR:HH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:46:TYR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:46:TYR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:46:TYR:OH	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:48:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:48:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:48:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:48:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:48:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:48:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:48:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:48:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:48:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:48:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:48:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:48:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:48:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:48:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:49:MET:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:49:MET:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:49:MET:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:49:MET:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:49:MET:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:49:MET:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:49:MET:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:49:MET:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:49:MET:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:49:MET:HE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:49:MET:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:49:MET:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:49:MET:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:49:MET:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:49:MET:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:49:MET:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:49:MET:SD	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:O	2:B:50:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:50:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:50:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:50:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:50:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:50:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:50:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:50:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:50:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:50:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:50:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:50:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:51:ILE:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:51:ILE:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:51:ILE:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:51:ILE:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:51:ILE:CG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:51:ILE:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:51:ILE:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:51:ILE:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:51:ILE:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:51:ILE:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:51:ILE:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:51:ILE:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:51:ILE:HG12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:51:ILE:HG13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:51:ILE:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:51:ILE:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:51:ILE:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:51:ILE:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:51:ILE:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:53:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:53:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:53:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:53:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:53:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:53:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:53:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:53:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:53:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:53:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:53:ASP:OD1	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:O	2:B:53:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:54:SER:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:54:SER:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:54:SER:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:54:SER:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:54:SER:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:54:SER:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:54:SER:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:54:SER:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:54:SER:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:54:SER:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:54:SER:OG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:55:ASN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:55:ASN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:55:ASN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:55:ASN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:55:ASN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:55:ASN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:55:ASN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:55:ASN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:55:ASN:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:55:ASN:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:55:ASN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:55:ASN:ND2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:55:ASN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:55:ASN:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:56:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:56:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:56:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:56:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:56:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:56:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:56:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:56:ARG:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:56:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:56:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:56:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:56:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:56:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:56:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:56:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:56:ARG:HH11	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:O	2:B:56:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:56:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:56:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:56:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:56:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:56:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:56:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:56:ARG:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:58:GLN:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:58:GLN:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:58:GLN:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:58:GLN:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:58:GLN:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:58:GLN:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:58:GLN:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:58:GLN:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:58:GLN:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:58:GLN:HE21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:58:GLN:HE22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:58:GLN:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:58:GLN:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:58:GLN:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:58:GLN:NE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:58:GLN:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:58:GLN:OE1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:64:GLY:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:64:GLY:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:64:GLY:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:64:GLY:HA2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:64:GLY:HA3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:64:GLY:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:64:GLY:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:66:LYS:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:66:LYS:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:66:LYS:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:66:LYS:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:66:LYS:CE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:66:LYS:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:66:LYS:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:66:LYS:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:66:LYS:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:66:LYS:HB3	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:O	2:B:66:LYS:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:66:LYS:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:66:LYS:HE2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:66:LYS:HE3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:66:LYS:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:66:LYS:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:66:LYS:HZ1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:66:LYS:HZ2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:66:LYS:HZ3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:66:LYS:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:66:LYS:NZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:66:LYS:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:67:THR:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:67:THR:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:67:THR:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:67:THR:CG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:67:THR:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:67:THR:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:67:THR:HB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:67:THR:HG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:67:THR:HG21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:67:THR:HG22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:67:THR:HG23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:67:THR:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:67:THR:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:67:THR:OG1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:68:ASP:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:68:ASP:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:68:ASP:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:68:ASP:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:68:ASP:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:68:ASP:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:68:ASP:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:68:ASP:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:68:ASP:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:68:ASP:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:68:ASP:OD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:68:ASP:OD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:70:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:70:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:70:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:70:LEU:CD1	5	0.62	0.38	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:O	2:B:70:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:70:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:70:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:70:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:70:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:70:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:70:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:70:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:70:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:70:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:70:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:70:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:70:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:70:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:70:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:72:LEU:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:72:LEU:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:72:LEU:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:72:LEU:CD1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:72:LEU:CD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:72:LEU:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:72:LEU:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:72:LEU:HA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:72:LEU:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:72:LEU:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:72:LEU:HD11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:72:LEU:HD12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:72:LEU:HD13	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:72:LEU:HD21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:72:LEU:HD22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:72:LEU:HD23	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:72:LEU:HG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:72:LEU:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:72:LEU:O	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:74:ARG:C	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:74:ARG:CA	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:74:ARG:CB	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:74:ARG:CD	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:74:ARG:CG	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:74:ARG:CZ	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:74:ARG:H	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:74:ARG:HA	5	0.62	0.38	0.44

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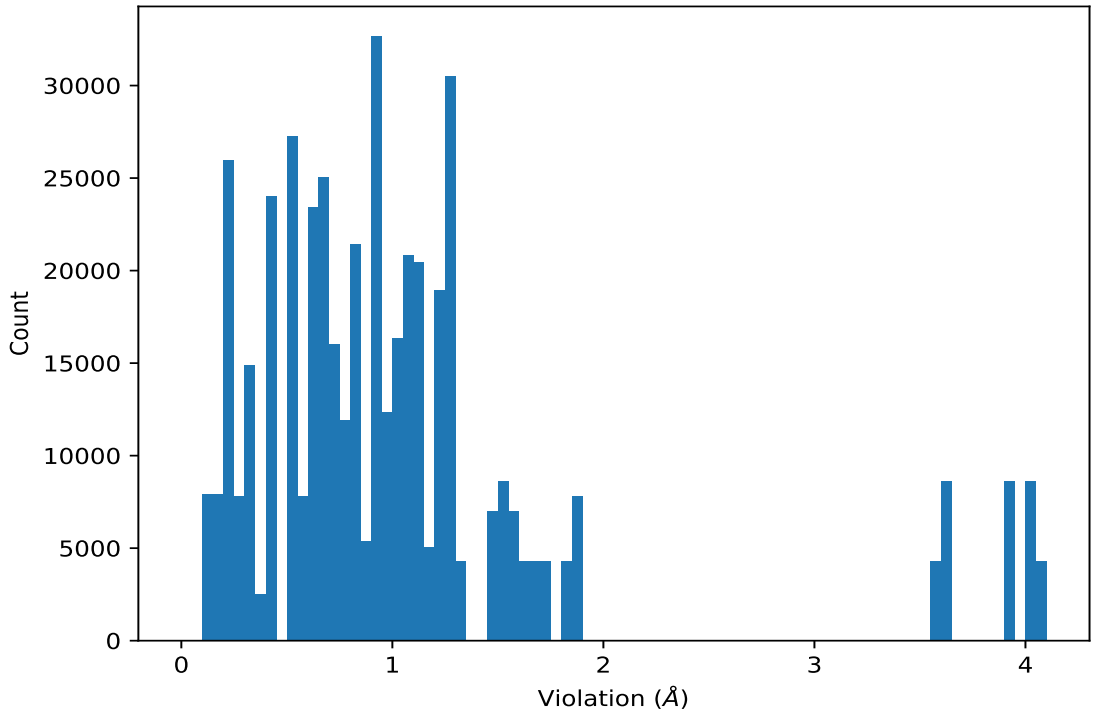
Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,10)	1:A:72:ARG:O	2:B:74:ARG:HB2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:74:ARG:HB3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:74:ARG:HD2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:74:ARG:HD3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:74:ARG:HE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:74:ARG:HG2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:74:ARG:HG3	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:74:ARG:HH11	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:74:ARG:HH12	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:74:ARG:HH21	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:74:ARG:HH22	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:74:ARG:N	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:74:ARG:NE	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:74:ARG:NH1	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:74:ARG:NH2	5	0.62	0.38	0.44
(1,10)	1:A:72:ARG:O	2:B:74:ARG:O	5	0.62	0.38	0.44
(1,12)	2:B:11:GLY:C	1:A:2:GLN:C	5	0.52	0.3	0.38

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

9.5 All violated distance restraints (i)

9.5.1 Histogram : Distribution of distance violations (i)

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



9.5.2 Table : All distance violations ⓘ

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

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:2:GLN:C	4	4.08
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CB	4	4.08
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CD	4	4.08
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CG	4	4.08
(1,19)	2:B:53:ASP:C	1:A:2:GLN:H	4	4.08
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HB2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HB3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HE21	4	4.08
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HE22	4	4.08
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HG2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HG3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:2:GLN:N	4	4.08
(1,19)	2:B:53:ASP:C	1:A:2:GLN:NE2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:2:GLN:O	4	4.08
(1,19)	2:B:53:ASP:C	1:A:2:GLN:OE1	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:8:LEU:C	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:C	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:H	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:H	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:N	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:N	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:O	4	4.08
(1,19)	2:B:53:ASP:C	1:A:8:LEU:O	4	4.08
(1,19)	2:B:53:ASP:C	1:A:9:THR:C	4	4.08
(1,19)	2:B:53:ASP:C	1:A:9:THR:CA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:9:THR:CB	4	4.08
(1,19)	2:B:53:ASP:C	1:A:9:THR:CG2	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:9:THR:H	4	4.08
(1,19)	2:B:53:ASP:C	1:A:9:THR:HA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:9:THR:HB	4	4.08
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG1	4	4.08
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG21	4	4.08
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG22	4	4.08
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG23	4	4.08
(1,19)	2:B:53:ASP:C	1:A:9:THR:N	4	4.08
(1,19)	2:B:53:ASP:C	1:A:9:THR:O	4	4.08
(1,19)	2:B:53:ASP:C	1:A:9:THR:OG1	4	4.08
(1,19)	2:B:53:ASP:C	1:A:10:GLY:C	4	4.08
(1,19)	2:B:53:ASP:C	1:A:10:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:10:GLY:H	4	4.08
(1,19)	2:B:53:ASP:C	1:A:10:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:10:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:10:GLY:N	4	4.08
(1,19)	2:B:53:ASP:C	1:A:10:GLY:O	4	4.08
(1,19)	2:B:53:ASP:C	1:A:12:3X9:C	4	4.08
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAB	4	4.08
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAC	4	4.08
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAD	4	4.08
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAI	4	4.08
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAJ	4	4.08
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAO	4	4.08
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAR	4	4.08
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAS	4	4.08
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CB	4	4.08
(1,19)	2:B:53:ASP:C	1:A:12:3X9:H	4	4.08
(1,19)	2:B:53:ASP:C	1:A:12:3X9:HA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:12:3X9:HAA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:12:3X9:HB3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:12:3X9:N	4	4.08
(1,19)	2:B:53:ASP:C	1:A:12:3X9:NAQ	4	4.08
(1,19)	2:B:53:ASP:C	1:A:12:3X9:O	4	4.08
(1,19)	2:B:53:ASP:C	1:A:12:3X9:OAH	4	4.08
(1,19)	2:B:53:ASP:C	1:A:12:3X9:SAL	4	4.08
(1,19)	2:B:53:ASP:C	1:A:12:3X9:SG	4	4.08
(1,19)	2:B:53:ASP:C	1:A:14:THR:C	4	4.08
(1,19)	2:B:53:ASP:C	1:A:14:THR:CA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:14:THR:CB	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:14:THR:CG2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:14:THR:H	4	4.08
(1,19)	2:B:53:ASP:C	1:A:14:THR:HA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:14:THR:HB	4	4.08
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG1	4	4.08
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG21	4	4.08
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG22	4	4.08
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG23	4	4.08
(1,19)	2:B:53:ASP:C	1:A:14:THR:N	4	4.08
(1,19)	2:B:53:ASP:C	1:A:14:THR:O	4	4.08
(1,19)	2:B:53:ASP:C	1:A:14:THR:OG1	4	4.08
(1,19)	2:B:53:ASP:C	1:A:39:ASP:C	4	4.08
(1,19)	2:B:53:ASP:C	1:A:39:ASP:CA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:39:ASP:CB	4	4.08
(1,19)	2:B:53:ASP:C	1:A:39:ASP:CG	4	4.08
(1,19)	2:B:53:ASP:C	1:A:39:ASP:H	4	4.08
(1,19)	2:B:53:ASP:C	1:A:39:ASP:HA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:39:ASP:HB2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:39:ASP:HB3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:39:ASP:N	4	4.08
(1,19)	2:B:53:ASP:C	1:A:39:ASP:O	4	4.08
(1,19)	2:B:53:ASP:C	1:A:39:ASP:OD1	4	4.08
(1,19)	2:B:53:ASP:C	1:A:39:ASP:OD2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:44:ILE:C	4	4.08
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CB	4	4.08
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CD1	4	4.08
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CG1	4	4.08
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CG2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:44:ILE:H	4	4.08
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HB	4	4.08
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HD11	4	4.08
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HD12	4	4.08
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HD13	4	4.08
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG12	4	4.08
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG13	4	4.08
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG21	4	4.08
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG22	4	4.08
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG23	4	4.08
(1,19)	2:B:53:ASP:C	1:A:44:ILE:N	4	4.08
(1,19)	2:B:53:ASP:C	1:A:44:ILE:O	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:46:ALA:C	4	4.08
(1,19)	2:B:53:ASP:C	1:A:46:ALA:CA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:46:ALA:CB	4	4.08
(1,19)	2:B:53:ASP:C	1:A:46:ALA:H	4	4.08
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HB1	4	4.08
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HB2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HB3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:46:ALA:N	4	4.08
(1,19)	2:B:53:ASP:C	1:A:46:ALA:O	4	4.08
(1,19)	2:B:53:ASP:C	1:A:47:GLY:C	4	4.08
(1,19)	2:B:53:ASP:C	1:A:47:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:47:GLY:H	4	4.08
(1,19)	2:B:53:ASP:C	1:A:47:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:47:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:47:GLY:N	4	4.08
(1,19)	2:B:53:ASP:C	1:A:47:GLY:O	4	4.08
(1,19)	2:B:53:ASP:C	1:A:48:LYS:C	4	4.08
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CB	4	4.08
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CD	4	4.08
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CE	4	4.08
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CG	4	4.08
(1,19)	2:B:53:ASP:C	1:A:48:LYS:H	4	4.08
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HB2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HB3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HD2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HD3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HE2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HE3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HG2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HG3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HZ1	4	4.08
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HZ2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HZ3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:48:LYS:N	4	4.08
(1,19)	2:B:53:ASP:C	1:A:48:LYS:NZ	4	4.08
(1,19)	2:B:53:ASP:C	1:A:48:LYS:O	4	4.08
(1,19)	2:B:53:ASP:C	1:A:49:GLN:C	4	4.08
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CB	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CD	4	4.08
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CG	4	4.08
(1,19)	2:B:53:ASP:C	1:A:49:GLN:H	4	4.08
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HB2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HB3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HE21	4	4.08
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HE22	4	4.08
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HG2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HG3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:49:GLN:N	4	4.08
(1,19)	2:B:53:ASP:C	1:A:49:GLN:NE2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:49:GLN:O	4	4.08
(1,19)	2:B:53:ASP:C	1:A:49:GLN:OE1	4	4.08
(1,19)	2:B:53:ASP:C	1:A:51:GLU:C	4	4.08
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CB	4	4.08
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CD	4	4.08
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CG	4	4.08
(1,19)	2:B:53:ASP:C	1:A:51:GLU:H	4	4.08
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HB2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HB3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HG2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HG3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:51:GLU:N	4	4.08
(1,19)	2:B:53:ASP:C	1:A:51:GLU:O	4	4.08
(1,19)	2:B:53:ASP:C	1:A:51:GLU:OE1	4	4.08
(1,19)	2:B:53:ASP:C	1:A:51:GLU:OE2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:52:ASP:C	4	4.08
(1,19)	2:B:53:ASP:C	1:A:52:ASP:CA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:52:ASP:CB	4	4.08
(1,19)	2:B:53:ASP:C	1:A:52:ASP:CG	4	4.08
(1,19)	2:B:53:ASP:C	1:A:52:ASP:H	4	4.08
(1,19)	2:B:53:ASP:C	1:A:52:ASP:HA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:52:ASP:HB2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:52:ASP:HB3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:52:ASP:N	4	4.08
(1,19)	2:B:53:ASP:C	1:A:52:ASP:O	4	4.08
(1,19)	2:B:53:ASP:C	1:A:52:ASP:OD1	4	4.08
(1,19)	2:B:53:ASP:C	1:A:52:ASP:OD2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:64:GLU:C	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CB	4	4.08
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CD	4	4.08
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CG	4	4.08
(1,19)	2:B:53:ASP:C	1:A:64:GLU:H	4	4.08
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HB2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HB3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HG2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HG3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:64:GLU:N	4	4.08
(1,19)	2:B:53:ASP:C	1:A:64:GLU:O	4	4.08
(1,19)	2:B:53:ASP:C	1:A:64:GLU:OE1	4	4.08
(1,19)	2:B:53:ASP:C	1:A:64:GLU:OE2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:68:HIS:C	4	4.08
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CB	4	4.08
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CD2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CE1	4	4.08
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CG	4	4.08
(1,19)	2:B:53:ASP:C	1:A:68:HIS:H	4	4.08
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HB2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HB3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HD1	4	4.08
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HD2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HE1	4	4.08
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HE2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:68:HIS:N	4	4.08
(1,19)	2:B:53:ASP:C	1:A:68:HIS:ND1	4	4.08
(1,19)	2:B:53:ASP:C	1:A:68:HIS:NE2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:68:HIS:O	4	4.08
(1,19)	2:B:53:ASP:C	1:A:71:LEU:C	4	4.08
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:C	1:A:71:LEU:H	4	4.08
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HB3	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:C	1:A:71:LEU:N	4	4.08
(1,19)	2:B:53:ASP:C	1:A:71:LEU:O	4	4.08
(1,19)	2:B:53:ASP:C	1:A:72:ARG:C	4	4.08
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CB	4	4.08
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CD	4	4.08
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CG	4	4.08
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CZ	4	4.08
(1,19)	2:B:53:ASP:C	1:A:72:ARG:H	4	4.08
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HB2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HB3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HD2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HD3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HE	4	4.08
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HG2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HG3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH11	4	4.08
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH12	4	4.08
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH21	4	4.08
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH22	4	4.08
(1,19)	2:B:53:ASP:C	1:A:72:ARG:N	4	4.08
(1,19)	2:B:53:ASP:C	1:A:72:ARG:NE	4	4.08
(1,19)	2:B:53:ASP:C	1:A:72:ARG:NH1	4	4.08
(1,19)	2:B:53:ASP:C	1:A:72:ARG:NH2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:72:ARG:O	4	4.08
(1,19)	2:B:53:ASP:C	1:A:73:LEU:C	4	4.08
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:C	1:A:73:LEU:H	4	4.08
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HB2	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:C	1:A:73:LEU:N	4	4.08
(1,19)	2:B:53:ASP:C	1:A:73:LEU:O	4	4.08
(1,19)	2:B:53:ASP:C	1:A:74:ARG:C	4	4.08
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CB	4	4.08
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CD	4	4.08
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CG	4	4.08
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CZ	4	4.08
(1,19)	2:B:53:ASP:C	1:A:74:ARG:H	4	4.08
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HB2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HB3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HD2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HD3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HE	4	4.08
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HG2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HG3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH11	4	4.08
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH12	4	4.08
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH21	4	4.08
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH22	4	4.08
(1,19)	2:B:53:ASP:C	1:A:74:ARG:N	4	4.08
(1,19)	2:B:53:ASP:C	1:A:74:ARG:NE	4	4.08
(1,19)	2:B:53:ASP:C	1:A:74:ARG:NH1	4	4.08
(1,19)	2:B:53:ASP:C	1:A:74:ARG:NH2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:74:ARG:O	4	4.08
(1,19)	2:B:53:ASP:C	1:A:75:GLY:C	4	4.08
(1,19)	2:B:53:ASP:C	1:A:75:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:75:GLY:H	4	4.08
(1,19)	2:B:53:ASP:C	1:A:75:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:75:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:75:GLY:N	4	4.08
(1,19)	2:B:53:ASP:C	1:A:75:GLY:O	4	4.08
(1,19)	2:B:53:ASP:C	1:A:76:GLY:C	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:76:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:C	1:A:76:GLY:H	4	4.08
(1,19)	2:B:53:ASP:C	1:A:76:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:C	1:A:76:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:C	1:A:76:GLY:N	4	4.08
(1,19)	2:B:53:ASP:C	1:A:76:GLY:O	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:C	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CB	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CD	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CG	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:H	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HB2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HB3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HE21	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HE22	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HG2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HG3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:N	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:NE2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:O	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:OE1	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:C	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:C	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:H	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:H	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB3	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:N	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:N	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:O	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:O	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:9:THR:C	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:9:THR:CA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:9:THR:CB	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:9:THR:CG2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:9:THR:H	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HB	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG1	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG21	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG22	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG23	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:9:THR:N	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:9:THR:O	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:9:THR:OG1	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:C	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:H	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:N	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:O	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:C	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CA	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAB	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAC	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAD	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAI	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAJ	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAO	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAR	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAS	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CB	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:H	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:HA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:HAA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:HB3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:N	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:NAQ	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:O	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:OAH	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:SAL	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:SG	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:14:THR:C	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:14:THR:CA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:14:THR:CB	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:14:THR:CG2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:14:THR:H	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HB	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG1	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG21	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG22	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG23	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:14:THR:N	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:14:THR:O	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:14:THR:OG1	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:C	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:CA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:CB	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:CG	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:H	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:HA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:HB2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:HB3	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:N	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:O	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:OD1	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:OD2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:C	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CB	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CD1	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CG1	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CG2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:H	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HB	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HD11	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HD12	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HD13	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG12	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG13	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG21	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG22	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG23	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:N	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:O	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:C	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:CA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:CB	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:H	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HB1	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HB2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HB3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:N	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:O	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:C	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:H	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:N	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:O	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:C	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CA	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CB	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CD	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CE	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CG	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:H	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HB2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HB3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HD2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HD3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HE2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HE3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HG2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HG3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HZ1	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HZ2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HZ3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:N	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:NZ	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:O	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:C	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CB	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CD	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CG	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:H	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HB2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HB3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HE21	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HE22	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HG2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HG3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:N	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:NE2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:O	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:OE1	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:C	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CB	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CD	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CG	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:H	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HB2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HB3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HG2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HG3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:N	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:O	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:OE1	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:OE2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:C	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:CA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:CB	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:CG	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:H	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:HA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:HB2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:HB3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:N	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:O	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:OD1	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:OD2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:C	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CB	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CD	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CG	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:H	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HB2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HB3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HG2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HG3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:N	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:O	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:OE1	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:OE2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:C	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CB	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CD2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CE1	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CG	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:H	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HB2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HB3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HD1	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HD2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HE1	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HE2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:N	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:ND1	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:NE2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:O	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:C	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:H	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:N	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:O	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:C	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CB	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CD	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CG	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CZ	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:H	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HB2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HB3	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HD2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HD3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HE	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HG2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HG3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH11	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH12	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH21	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH22	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:N	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:NE	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:NH1	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:NH2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:O	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:C	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:H	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:N	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:O	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:C	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CB	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CD	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CG	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CZ	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:H	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HB2	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HB3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HD2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HD3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HE	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HG2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HG3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH11	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH12	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH21	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH22	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:N	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:NE	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:NH1	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:NH2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:O	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:C	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:H	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:N	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:O	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:C	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:H	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:N	4	4.08
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:O	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:C	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CB	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CD	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CG	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:H	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HB2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HB3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HE21	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HE22	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HG2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HG3	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:N	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:NE2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:O	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:OE1	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:C	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:C	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:H	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:H	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:N	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:N	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:O	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:O	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:9:THR:C	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:9:THR:CA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:9:THR:CB	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:9:THR:CG2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:9:THR:H	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HB	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG1	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG21	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG22	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG23	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:9:THR:N	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:9:THR:O	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:9:THR:OG1	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:C	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:H	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:N	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:O	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:C	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAB	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAC	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAD	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAI	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAJ	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAO	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAR	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAS	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CB	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:H	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:HA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:HAA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:HB3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:N	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:NAQ	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:O	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:OAH	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:SAL	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:SG	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:14:THR:C	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:14:THR:CA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:14:THR:CB	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:14:THR:CG2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:14:THR:H	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HB	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG1	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG21	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG22	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG23	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:14:THR:N	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:14:THR:O	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:14:THR:OG1	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:C	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:CA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:CB	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:CG	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:H	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:HA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:HB2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:HB3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:N	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:O	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:OD1	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:OD2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:C	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CB	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CD1	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CG1	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CG2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:H	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HB	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HD11	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HD12	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HD13	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG12	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG13	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG21	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG22	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG23	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:N	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:O	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:C	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:CA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:CB	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:H	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HB1	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HB2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HB3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:N	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:O	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:C	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:H	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:N	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:O	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:C	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CB	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CD	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CE	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CG	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:H	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HB2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HB3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HD2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HD3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HE2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HE3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HG2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HG3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HZ1	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HZ2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HZ3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:N	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:NZ	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:O	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:C	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CB	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CD	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CG	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:H	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HB2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HB3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HE21	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HE22	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HG2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HG3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:N	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:NE2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:O	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:OE1	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:C	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CB	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CD	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CG	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:H	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HB2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HB3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HG2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HG3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:N	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:O	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:OE1	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:OE2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:C	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:CA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:CB	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:CG	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:H	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:HA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:HB2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:HB3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:N	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:O	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:OD1	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:OD2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:C	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CB	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CD	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CG	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:H	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HB2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HB3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HG2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HG3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:N	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:O	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:OE1	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:OE2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:C	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CB	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CD2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CE1	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CG	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:H	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HB2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HB3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HD1	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HD2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HE1	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HE2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:N	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:ND1	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:NE2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:O	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:C	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CG	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:H	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:N	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:O	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:C	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CB	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CD	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CG	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CZ	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:H	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HB2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HB3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HD2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HD3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HE	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HG2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HG3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH11	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH12	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH21	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH22	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:N	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:NE	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:NH1	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:NH2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:O	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:C	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CD2	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:H	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:N	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:O	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:C	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CB	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CD	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CG	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CZ	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:H	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HB2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HB3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HD2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HD3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HE	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HG2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HG3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH11	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH12	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH21	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH22	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:N	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:NE	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:NH1	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:NH2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:O	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:C	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:H	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:HA2	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:N	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:O	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:C	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:H	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:N	4	4.08
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:O	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:C	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CB	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CD	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CG	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:H	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HB2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HB3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HE21	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HE22	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HG2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HG3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:N	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:NE2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:O	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:OE1	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:C	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:C	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:H	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:H	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HA	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:N	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:N	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:O	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:O	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:9:THR:C	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:9:THR:CA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:9:THR:CB	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:9:THR:CG2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:9:THR:H	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HB	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG1	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG21	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG22	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG23	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:9:THR:N	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:9:THR:O	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:9:THR:OG1	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:C	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:H	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:HA3	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:N	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:O	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:C	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAB	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAC	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAD	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAI	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAJ	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAO	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAR	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAS	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CB	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:H	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:HA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:HAA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:HB3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:N	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:NAQ	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:O	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:OAH	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:SAL	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:SG	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:14:THR:C	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:14:THR:CA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:14:THR:CB	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:14:THR:CG2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:14:THR:H	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HB	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG1	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG21	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG22	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG23	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:14:THR:N	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:14:THR:O	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:14:THR:OG1	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:C	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:CA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:CB	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:CG	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:H	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:HA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:HB2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:HB3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:N	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:O	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:OD1	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:OD2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:C	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CB	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CD1	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CG1	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CG2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:H	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HB	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HD11	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HD12	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HD13	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG12	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG13	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG21	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG22	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG23	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:N	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:O	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:C	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:CA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:CB	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:H	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HB1	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HB2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HB3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:N	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:O	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:C	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:H	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:HA3	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:N	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:O	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:C	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CB	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CD	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CE	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CG	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:H	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HB2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HB3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HD2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HD3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HE2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HE3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HG2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HG3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HZ1	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HZ2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HZ3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:N	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:NZ	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:O	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:C	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CB	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CD	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CG	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:H	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HB2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HB3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HE21	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HE22	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HG2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HG3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:N	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:NE2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:O	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:OE1	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:C	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CB	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CD	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CG	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:H	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HB2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HB3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HG2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HG3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:N	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:O	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:OE1	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:OE2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:C	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:CA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:CB	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:CG	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:H	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:HA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:HB2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:HB3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:N	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:O	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:OD1	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:OD2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:C	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CB	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CD	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CG	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:H	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HB2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HB3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HG2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HG3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:N	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:O	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:OE1	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:OE2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:C	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CB	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CD2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CE1	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CG	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:H	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HB2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HB3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HD1	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HD2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HE1	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HE2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:N	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:ND1	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:NE2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:O	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:C	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:H	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:N	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:O	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:C	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CB	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CD	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CG	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CZ	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:H	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HB2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HB3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HD2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HD3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HE	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HG2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HG3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH11	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH12	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH21	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH22	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:N	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:NE	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:NH1	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:NH2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:O	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:C	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:H	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:N	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:O	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:C	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CB	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CD	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CG	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CZ	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:H	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HB2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HB3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HD2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HD3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HE	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HG2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HG3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH11	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH12	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH21	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH22	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:N	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:NE	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:NH1	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:NH2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:O	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:C	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:H	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:N	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:O	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:C	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:H	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:N	4	4.08
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:O	4	4.08
(1,19)	2:B:53:ASP:H	1:A:2:GLN:C	4	4.08
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CB	4	4.08
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CD	4	4.08
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CG	4	4.08
(1,19)	2:B:53:ASP:H	1:A:2:GLN:H	4	4.08
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HB2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HB3	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HE21	4	4.08
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HE22	4	4.08
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HG2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HG3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:2:GLN:N	4	4.08
(1,19)	2:B:53:ASP:H	1:A:2:GLN:NE2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:2:GLN:O	4	4.08
(1,19)	2:B:53:ASP:H	1:A:2:GLN:OE1	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:C	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:C	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:H	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:H	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HG	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:8:LEU:N	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:N	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:O	4	4.08
(1,19)	2:B:53:ASP:H	1:A:8:LEU:O	4	4.08
(1,19)	2:B:53:ASP:H	1:A:9:THR:C	4	4.08
(1,19)	2:B:53:ASP:H	1:A:9:THR:CA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:9:THR:CB	4	4.08
(1,19)	2:B:53:ASP:H	1:A:9:THR:CG2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:9:THR:H	4	4.08
(1,19)	2:B:53:ASP:H	1:A:9:THR:HA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:9:THR:HB	4	4.08
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG1	4	4.08
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG21	4	4.08
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG22	4	4.08
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG23	4	4.08
(1,19)	2:B:53:ASP:H	1:A:9:THR:N	4	4.08
(1,19)	2:B:53:ASP:H	1:A:9:THR:O	4	4.08
(1,19)	2:B:53:ASP:H	1:A:9:THR:OG1	4	4.08
(1,19)	2:B:53:ASP:H	1:A:10:GLY:C	4	4.08
(1,19)	2:B:53:ASP:H	1:A:10:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:10:GLY:H	4	4.08
(1,19)	2:B:53:ASP:H	1:A:10:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:10:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:10:GLY:N	4	4.08
(1,19)	2:B:53:ASP:H	1:A:10:GLY:O	4	4.08
(1,19)	2:B:53:ASP:H	1:A:12:3X9:C	4	4.08
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAB	4	4.08
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAC	4	4.08
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAD	4	4.08
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAI	4	4.08
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAJ	4	4.08
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAO	4	4.08
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAR	4	4.08
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAS	4	4.08
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CB	4	4.08
(1,19)	2:B:53:ASP:H	1:A:12:3X9:H	4	4.08
(1,19)	2:B:53:ASP:H	1:A:12:3X9:HA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:12:3X9:HAA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:12:3X9:HB3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:12:3X9:N	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:12:3X9:NAQ	4	4.08
(1,19)	2:B:53:ASP:H	1:A:12:3X9:O	4	4.08
(1,19)	2:B:53:ASP:H	1:A:12:3X9:OAH	4	4.08
(1,19)	2:B:53:ASP:H	1:A:12:3X9:SAL	4	4.08
(1,19)	2:B:53:ASP:H	1:A:12:3X9:SG	4	4.08
(1,19)	2:B:53:ASP:H	1:A:14:THR:C	4	4.08
(1,19)	2:B:53:ASP:H	1:A:14:THR:CA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:14:THR:CB	4	4.08
(1,19)	2:B:53:ASP:H	1:A:14:THR:CG2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:14:THR:H	4	4.08
(1,19)	2:B:53:ASP:H	1:A:14:THR:HA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:14:THR:HB	4	4.08
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG1	4	4.08
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG21	4	4.08
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG22	4	4.08
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG23	4	4.08
(1,19)	2:B:53:ASP:H	1:A:14:THR:N	4	4.08
(1,19)	2:B:53:ASP:H	1:A:14:THR:O	4	4.08
(1,19)	2:B:53:ASP:H	1:A:14:THR:OG1	4	4.08
(1,19)	2:B:53:ASP:H	1:A:39:ASP:C	4	4.08
(1,19)	2:B:53:ASP:H	1:A:39:ASP:CA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:39:ASP:CB	4	4.08
(1,19)	2:B:53:ASP:H	1:A:39:ASP:CG	4	4.08
(1,19)	2:B:53:ASP:H	1:A:39:ASP:H	4	4.08
(1,19)	2:B:53:ASP:H	1:A:39:ASP:HA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:39:ASP:HB2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:39:ASP:HB3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:39:ASP:N	4	4.08
(1,19)	2:B:53:ASP:H	1:A:39:ASP:O	4	4.08
(1,19)	2:B:53:ASP:H	1:A:39:ASP:OD1	4	4.08
(1,19)	2:B:53:ASP:H	1:A:39:ASP:OD2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:44:ILE:C	4	4.08
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CB	4	4.08
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CD1	4	4.08
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CG1	4	4.08
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CG2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:44:ILE:H	4	4.08
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HB	4	4.08
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HD11	4	4.08
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HD12	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HD13	4	4.08
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG12	4	4.08
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG13	4	4.08
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG21	4	4.08
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG22	4	4.08
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG23	4	4.08
(1,19)	2:B:53:ASP:H	1:A:44:ILE:N	4	4.08
(1,19)	2:B:53:ASP:H	1:A:44:ILE:O	4	4.08
(1,19)	2:B:53:ASP:H	1:A:46:ALA:C	4	4.08
(1,19)	2:B:53:ASP:H	1:A:46:ALA:CA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:46:ALA:CB	4	4.08
(1,19)	2:B:53:ASP:H	1:A:46:ALA:H	4	4.08
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HB1	4	4.08
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HB2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HB3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:46:ALA:N	4	4.08
(1,19)	2:B:53:ASP:H	1:A:46:ALA:O	4	4.08
(1,19)	2:B:53:ASP:H	1:A:47:GLY:C	4	4.08
(1,19)	2:B:53:ASP:H	1:A:47:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:47:GLY:H	4	4.08
(1,19)	2:B:53:ASP:H	1:A:47:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:47:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:47:GLY:N	4	4.08
(1,19)	2:B:53:ASP:H	1:A:47:GLY:O	4	4.08
(1,19)	2:B:53:ASP:H	1:A:48:LYS:C	4	4.08
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CB	4	4.08
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CD	4	4.08
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CE	4	4.08
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CG	4	4.08
(1,19)	2:B:53:ASP:H	1:A:48:LYS:H	4	4.08
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HB2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HB3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HD2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HD3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HE2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HE3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HG2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HG3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HZ1	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HZ2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HZ3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:48:LYS:N	4	4.08
(1,19)	2:B:53:ASP:H	1:A:48:LYS:NZ	4	4.08
(1,19)	2:B:53:ASP:H	1:A:48:LYS:O	4	4.08
(1,19)	2:B:53:ASP:H	1:A:49:GLN:C	4	4.08
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CB	4	4.08
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CD	4	4.08
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CG	4	4.08
(1,19)	2:B:53:ASP:H	1:A:49:GLN:H	4	4.08
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HB2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HB3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HE21	4	4.08
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HE22	4	4.08
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HG2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HG3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:49:GLN:N	4	4.08
(1,19)	2:B:53:ASP:H	1:A:49:GLN:NE2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:49:GLN:O	4	4.08
(1,19)	2:B:53:ASP:H	1:A:49:GLN:OE1	4	4.08
(1,19)	2:B:53:ASP:H	1:A:51:GLU:C	4	4.08
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CB	4	4.08
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CD	4	4.08
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CG	4	4.08
(1,19)	2:B:53:ASP:H	1:A:51:GLU:H	4	4.08
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HB2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HB3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HG2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HG3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:51:GLU:N	4	4.08
(1,19)	2:B:53:ASP:H	1:A:51:GLU:O	4	4.08
(1,19)	2:B:53:ASP:H	1:A:51:GLU:OE1	4	4.08
(1,19)	2:B:53:ASP:H	1:A:51:GLU:OE2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:52:ASP:C	4	4.08
(1,19)	2:B:53:ASP:H	1:A:52:ASP:CA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:52:ASP:CB	4	4.08
(1,19)	2:B:53:ASP:H	1:A:52:ASP:CG	4	4.08
(1,19)	2:B:53:ASP:H	1:A:52:ASP:H	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:52:ASP:HA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:52:ASP:HB2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:52:ASP:HB3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:52:ASP:N	4	4.08
(1,19)	2:B:53:ASP:H	1:A:52:ASP:O	4	4.08
(1,19)	2:B:53:ASP:H	1:A:52:ASP:OD1	4	4.08
(1,19)	2:B:53:ASP:H	1:A:52:ASP:OD2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:64:GLU:C	4	4.08
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CB	4	4.08
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CD	4	4.08
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CG	4	4.08
(1,19)	2:B:53:ASP:H	1:A:64:GLU:H	4	4.08
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HB2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HB3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HG2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HG3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:64:GLU:N	4	4.08
(1,19)	2:B:53:ASP:H	1:A:64:GLU:O	4	4.08
(1,19)	2:B:53:ASP:H	1:A:64:GLU:OE1	4	4.08
(1,19)	2:B:53:ASP:H	1:A:64:GLU:OE2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:68:HIS:C	4	4.08
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CB	4	4.08
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CD2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CE1	4	4.08
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CG	4	4.08
(1,19)	2:B:53:ASP:H	1:A:68:HIS:H	4	4.08
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HB2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HB3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HD1	4	4.08
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HD2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HE1	4	4.08
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HE2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:68:HIS:N	4	4.08
(1,19)	2:B:53:ASP:H	1:A:68:HIS:ND1	4	4.08
(1,19)	2:B:53:ASP:H	1:A:68:HIS:NE2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:68:HIS:O	4	4.08
(1,19)	2:B:53:ASP:H	1:A:71:LEU:C	4	4.08
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CA	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:H	1:A:71:LEU:H	4	4.08
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:H	1:A:71:LEU:N	4	4.08
(1,19)	2:B:53:ASP:H	1:A:71:LEU:O	4	4.08
(1,19)	2:B:53:ASP:H	1:A:72:ARG:C	4	4.08
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CB	4	4.08
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CD	4	4.08
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CG	4	4.08
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CZ	4	4.08
(1,19)	2:B:53:ASP:H	1:A:72:ARG:H	4	4.08
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HB2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HB3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HD2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HD3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HE	4	4.08
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HG2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HG3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH11	4	4.08
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH12	4	4.08
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH21	4	4.08
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH22	4	4.08
(1,19)	2:B:53:ASP:H	1:A:72:ARG:N	4	4.08
(1,19)	2:B:53:ASP:H	1:A:72:ARG:NE	4	4.08
(1,19)	2:B:53:ASP:H	1:A:72:ARG:NH1	4	4.08
(1,19)	2:B:53:ASP:H	1:A:72:ARG:NH2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:72:ARG:O	4	4.08
(1,19)	2:B:53:ASP:H	1:A:73:LEU:C	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:H	1:A:73:LEU:H	4	4.08
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:H	1:A:73:LEU:N	4	4.08
(1,19)	2:B:53:ASP:H	1:A:73:LEU:O	4	4.08
(1,19)	2:B:53:ASP:H	1:A:74:ARG:C	4	4.08
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CB	4	4.08
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CD	4	4.08
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CG	4	4.08
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CZ	4	4.08
(1,19)	2:B:53:ASP:H	1:A:74:ARG:H	4	4.08
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HB2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HB3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HD2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HD3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HE	4	4.08
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HG2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HG3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH11	4	4.08
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH12	4	4.08
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH21	4	4.08
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH22	4	4.08
(1,19)	2:B:53:ASP:H	1:A:74:ARG:N	4	4.08
(1,19)	2:B:53:ASP:H	1:A:74:ARG:NE	4	4.08
(1,19)	2:B:53:ASP:H	1:A:74:ARG:NH1	4	4.08
(1,19)	2:B:53:ASP:H	1:A:74:ARG:NH2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:74:ARG:O	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:75:GLY:C	4	4.08
(1,19)	2:B:53:ASP:H	1:A:75:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:75:GLY:H	4	4.08
(1,19)	2:B:53:ASP:H	1:A:75:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:75:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:75:GLY:N	4	4.08
(1,19)	2:B:53:ASP:H	1:A:75:GLY:O	4	4.08
(1,19)	2:B:53:ASP:H	1:A:76:GLY:C	4	4.08
(1,19)	2:B:53:ASP:H	1:A:76:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:H	1:A:76:GLY:H	4	4.08
(1,19)	2:B:53:ASP:H	1:A:76:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:H	1:A:76:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:H	1:A:76:GLY:N	4	4.08
(1,19)	2:B:53:ASP:H	1:A:76:GLY:O	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:C	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CB	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CD	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CG	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:H	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HB2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HB3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HE21	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HE22	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HG2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HG3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:N	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:NE2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:O	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:OE1	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:C	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:C	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CG	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:H	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:H	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:N	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:N	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:O	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:O	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:9:THR:C	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:9:THR:CA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:9:THR:CB	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:9:THR:CG2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:9:THR:H	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HB	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG1	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG21	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG22	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG23	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:9:THR:N	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:9:THR:O	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:9:THR:OG1	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:C	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:H	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:N	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:O	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:C	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAB	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAC	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAD	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAI	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAJ	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAO	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAR	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAS	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CB	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:H	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:HA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:HAA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:HB3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:N	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:NAQ	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:O	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:OAH	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:SAL	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:SG	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:14:THR:C	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:14:THR:CA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:14:THR:CB	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:14:THR:CG2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:14:THR:H	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HB	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG1	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG21	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG22	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG23	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:14:THR:N	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:14:THR:O	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:14:THR:OG1	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:C	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:CA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:CB	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:CG	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:H	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:HA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:HB2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:HB3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:N	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:O	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:OD1	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:OD2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:C	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CB	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CD1	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CG1	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CG2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:H	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HB	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HD11	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HD12	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HD13	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG12	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG13	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG21	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG22	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG23	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:N	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:O	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:C	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:CA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:CB	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:H	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HB1	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HB2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HB3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:N	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:O	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:C	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:H	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:N	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:O	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:C	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CB	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CD	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CE	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CG	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:H	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HB2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HB3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HD2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HD3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HE2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HE3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HG2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HG3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HZ1	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HZ2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HZ3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:N	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:NZ	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:O	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:C	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CB	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CD	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CG	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:H	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HB2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HB3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HE21	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HE22	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HG2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HG3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:N	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:NE2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:O	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:OE1	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:C	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CB	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CD	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CG	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:H	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HB2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HB3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HG2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HG3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:N	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:O	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:OE1	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:OE2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:C	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:CA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:CB	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:CG	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:H	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:HA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:HB2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:HB3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:N	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:O	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:OD1	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:OD2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:C	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CB	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CD	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CG	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:H	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HB2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HB3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HG2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HG3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:N	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:O	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:OE1	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:OE2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:C	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CB	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CD2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CE1	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CG	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:H	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HB2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HB3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HD1	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HD2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HE1	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HE2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:N	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:ND1	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:NE2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:O	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:C	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:H	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:N	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:O	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:C	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CA	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CB	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CD	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CG	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CZ	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:H	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HB2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HB3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HD2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HD3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HE	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HG2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HG3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH11	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH12	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH21	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH22	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:N	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:NE	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:NH1	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:NH2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:O	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:C	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:H	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:N	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:O	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:C	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CB	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CD	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CG	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CZ	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:H	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HB2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HB3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HD2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HD3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HE	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HG2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HG3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH11	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH12	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH21	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH22	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:N	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:NE	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:NH1	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:NH2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:O	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:C	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:H	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:N	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:O	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:C	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:H	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:N	4	4.08
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:O	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:C	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CB	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CD	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CG	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:H	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HB2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HB3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HE21	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HE22	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HG2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HG3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:N	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:NE2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:O	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:OE1	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:C	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:C	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:H	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:H	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD22	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:N	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:N	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:O	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:O	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:C	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:CA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:CB	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:CG2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:H	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HB	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG1	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG21	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG22	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG23	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:N	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:O	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:OG1	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:C	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:H	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:N	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:O	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:C	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAB	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAC	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAD	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAI	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAJ	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAO	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAR	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAS	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CB	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:H	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:HA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:HAA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:HB3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:N	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:NAQ	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:O	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:OAH	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:SAL	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:SG	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:C	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:CA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:CB	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:CG2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:H	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HB	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG1	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG21	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG22	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG23	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:N	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:O	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:OG1	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:C	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:CA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:CB	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:CG	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:H	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:HA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:HB2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:HB3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:N	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:O	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:OD1	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:OD2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:C	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CB	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CD1	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CG1	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CG2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:H	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HB	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HD11	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HD12	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HD13	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG12	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG13	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG21	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG22	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG23	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:N	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:O	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:C	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:CA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:CB	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:H	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HB1	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HB2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HB3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:N	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:O	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:C	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:H	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:N	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:O	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:C	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CB	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CD	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CE	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CG	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:H	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HB2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HB3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HD2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HD3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HE2	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HE3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HG2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HG3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HZ1	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HZ2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HZ3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:N	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:NZ	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:O	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:C	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CB	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CD	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CG	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:H	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HB2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HB3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HE21	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HE22	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HG2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HG3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:N	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:NE2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:O	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:OE1	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:C	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CB	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CD	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CG	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:H	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HB2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HB3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HG2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HG3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:N	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:O	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:OE1	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:OE2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:C	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:CA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:CB	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:CG	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:H	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:HA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:HB2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:HB3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:N	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:O	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:OD1	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:OD2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:C	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CB	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CD	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CG	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:H	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HB2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HB3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HG2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HG3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:N	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:O	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:OE1	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:OE2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:C	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CB	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CD2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CE1	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CG	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:H	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HB2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HB3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HD1	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HD2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HE1	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HE2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:N	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:ND1	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:NE2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:O	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:C	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:H	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:N	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:O	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:C	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CB	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CD	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CG	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CZ	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:H	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HB2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HB3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HD2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HD3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HE	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HG2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HG3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH11	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH12	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH21	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH22	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:N	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:NE	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:NH1	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:NH2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:O	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:C	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:H	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:N	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:O	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:C	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CB	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CD	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CG	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CZ	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:H	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HB2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HB3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HD2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HD3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HE	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HG2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HG3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH11	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH12	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH21	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH22	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:N	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:NE	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:NH1	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:NH2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:O	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:C	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:H	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:N	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:O	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:C	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:H	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:N	4	4.08
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:O	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:C	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CB	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CD	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CG	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:H	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HB2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HB3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HE21	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HE22	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HG2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HG3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:N	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:NE2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:O	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:OE1	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:C	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:C	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD1	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:H	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:H	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:N	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:N	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:O	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:O	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:C	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:CA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:CB	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:CG2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:H	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HB	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG1	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG21	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG22	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG23	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:N	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:O	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:OG1	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:C	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:H	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:N	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:O	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:C	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAB	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAC	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAD	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAI	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAJ	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAO	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAR	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAS	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CB	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:H	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:HA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:HAA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:HB3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:N	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:NAQ	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:O	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:OAH	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:SAL	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:SG	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:C	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:CA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:CB	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:CG2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:H	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HB	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG1	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG21	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG22	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG23	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:N	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:O	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:OG1	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:C	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:CA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:CB	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:CG	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:H	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:HA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:HB2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:HB3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:N	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:O	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:OD1	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:OD2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:C	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CB	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CD1	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CG1	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CG2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:H	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HB	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HD11	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HD12	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HD13	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG12	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG13	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG21	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG22	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG23	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:N	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:O	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:C	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:CA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:CB	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:H	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HB1	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HB2	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HB3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:N	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:O	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:C	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:H	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:N	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:O	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:C	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CB	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CD	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CE	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CG	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:H	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HB2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HB3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HD2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HD3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HE2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HE3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HG2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HG3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HZ1	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HZ2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HZ3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:N	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:NZ	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:O	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:C	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CB	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CD	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CG	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:H	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HB2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HB3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HE21	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HE22	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HG2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HG3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:N	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:NE2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:O	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:OE1	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:C	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CB	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CD	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CG	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:H	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HB2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HB3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HG2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HG3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:N	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:O	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:OE1	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:OE2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:C	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:CA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:CB	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:CG	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:H	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:HA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:HB2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:HB3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:N	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:O	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:OD1	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:OD2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:C	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CB	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CD	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CG	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:H	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HB2	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HB3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HG2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HG3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:N	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:O	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:OE1	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:OE2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:C	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CB	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CD2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CE1	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CG	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:H	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HB2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HB3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HD1	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HD2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HE1	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HE2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:N	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:ND1	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:NE2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:O	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:C	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:H	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HG	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:N	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:O	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:C	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CB	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CD	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CG	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CZ	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:H	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HB2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HB3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HD2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HD3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HE	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HG2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HG3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH11	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH12	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH21	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH22	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:N	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:NE	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:NH1	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:NH2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:O	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:C	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:H	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD23	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:N	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:O	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:C	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CB	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CD	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CG	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CZ	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:H	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HB2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HB3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HD2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HD3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HE	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HG2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HG3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH11	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH12	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH21	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH22	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:N	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:NE	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:NH1	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:NH2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:O	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:C	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:H	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:N	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:O	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:C	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:H	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:N	4	4.08
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:O	4	4.08
(1,19)	2:B:53:ASP:N	1:A:2:GLN:C	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CB	4	4.08
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CD	4	4.08
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CG	4	4.08
(1,19)	2:B:53:ASP:N	1:A:2:GLN:H	4	4.08
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HB2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HB3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HE21	4	4.08
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HE22	4	4.08
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HG2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HG3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:2:GLN:N	4	4.08
(1,19)	2:B:53:ASP:N	1:A:2:GLN:NE2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:2:GLN:O	4	4.08
(1,19)	2:B:53:ASP:N	1:A:2:GLN:OE1	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:C	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:C	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:H	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:H	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD13	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:N	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:N	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:O	4	4.08
(1,19)	2:B:53:ASP:N	1:A:8:LEU:O	4	4.08
(1,19)	2:B:53:ASP:N	1:A:9:THR:C	4	4.08
(1,19)	2:B:53:ASP:N	1:A:9:THR:CA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:9:THR:CB	4	4.08
(1,19)	2:B:53:ASP:N	1:A:9:THR:CG2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:9:THR:H	4	4.08
(1,19)	2:B:53:ASP:N	1:A:9:THR:HA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:9:THR:HB	4	4.08
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG1	4	4.08
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG21	4	4.08
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG22	4	4.08
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG23	4	4.08
(1,19)	2:B:53:ASP:N	1:A:9:THR:N	4	4.08
(1,19)	2:B:53:ASP:N	1:A:9:THR:O	4	4.08
(1,19)	2:B:53:ASP:N	1:A:9:THR:OG1	4	4.08
(1,19)	2:B:53:ASP:N	1:A:10:GLY:C	4	4.08
(1,19)	2:B:53:ASP:N	1:A:10:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:10:GLY:H	4	4.08
(1,19)	2:B:53:ASP:N	1:A:10:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:10:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:10:GLY:N	4	4.08
(1,19)	2:B:53:ASP:N	1:A:10:GLY:O	4	4.08
(1,19)	2:B:53:ASP:N	1:A:12:3X9:C	4	4.08
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAB	4	4.08
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAC	4	4.08
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAD	4	4.08
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAI	4	4.08
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAJ	4	4.08
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAO	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAR	4	4.08
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAS	4	4.08
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CB	4	4.08
(1,19)	2:B:53:ASP:N	1:A:12:3X9:H	4	4.08
(1,19)	2:B:53:ASP:N	1:A:12:3X9:HA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:12:3X9:HAA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:12:3X9:HB3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:12:3X9:N	4	4.08
(1,19)	2:B:53:ASP:N	1:A:12:3X9:NAQ	4	4.08
(1,19)	2:B:53:ASP:N	1:A:12:3X9:O	4	4.08
(1,19)	2:B:53:ASP:N	1:A:12:3X9:OAH	4	4.08
(1,19)	2:B:53:ASP:N	1:A:12:3X9:SAL	4	4.08
(1,19)	2:B:53:ASP:N	1:A:12:3X9:SG	4	4.08
(1,19)	2:B:53:ASP:N	1:A:14:THR:C	4	4.08
(1,19)	2:B:53:ASP:N	1:A:14:THR:CA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:14:THR:CB	4	4.08
(1,19)	2:B:53:ASP:N	1:A:14:THR:CG2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:14:THR:H	4	4.08
(1,19)	2:B:53:ASP:N	1:A:14:THR:HA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:14:THR:HB	4	4.08
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG1	4	4.08
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG21	4	4.08
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG22	4	4.08
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG23	4	4.08
(1,19)	2:B:53:ASP:N	1:A:14:THR:N	4	4.08
(1,19)	2:B:53:ASP:N	1:A:14:THR:O	4	4.08
(1,19)	2:B:53:ASP:N	1:A:14:THR:OG1	4	4.08
(1,19)	2:B:53:ASP:N	1:A:39:ASP:C	4	4.08
(1,19)	2:B:53:ASP:N	1:A:39:ASP:CA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:39:ASP:CB	4	4.08
(1,19)	2:B:53:ASP:N	1:A:39:ASP:CG	4	4.08
(1,19)	2:B:53:ASP:N	1:A:39:ASP:H	4	4.08
(1,19)	2:B:53:ASP:N	1:A:39:ASP:HA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:39:ASP:HB2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:39:ASP:HB3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:39:ASP:N	4	4.08
(1,19)	2:B:53:ASP:N	1:A:39:ASP:O	4	4.08
(1,19)	2:B:53:ASP:N	1:A:39:ASP:OD1	4	4.08
(1,19)	2:B:53:ASP:N	1:A:39:ASP:OD2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:44:ILE:C	4	4.08
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CB	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CD1	4	4.08
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CG1	4	4.08
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CG2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:44:ILE:H	4	4.08
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HB	4	4.08
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HD11	4	4.08
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HD12	4	4.08
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HD13	4	4.08
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG12	4	4.08
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG13	4	4.08
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG21	4	4.08
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG22	4	4.08
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG23	4	4.08
(1,19)	2:B:53:ASP:N	1:A:44:ILE:N	4	4.08
(1,19)	2:B:53:ASP:N	1:A:44:ILE:O	4	4.08
(1,19)	2:B:53:ASP:N	1:A:46:ALA:C	4	4.08
(1,19)	2:B:53:ASP:N	1:A:46:ALA:CA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:46:ALA:CB	4	4.08
(1,19)	2:B:53:ASP:N	1:A:46:ALA:H	4	4.08
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HB1	4	4.08
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HB2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HB3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:46:ALA:N	4	4.08
(1,19)	2:B:53:ASP:N	1:A:46:ALA:O	4	4.08
(1,19)	2:B:53:ASP:N	1:A:47:GLY:C	4	4.08
(1,19)	2:B:53:ASP:N	1:A:47:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:47:GLY:H	4	4.08
(1,19)	2:B:53:ASP:N	1:A:47:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:47:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:47:GLY:N	4	4.08
(1,19)	2:B:53:ASP:N	1:A:47:GLY:O	4	4.08
(1,19)	2:B:53:ASP:N	1:A:48:LYS:C	4	4.08
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CB	4	4.08
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CD	4	4.08
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CE	4	4.08
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CG	4	4.08
(1,19)	2:B:53:ASP:N	1:A:48:LYS:H	4	4.08
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HB2	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HB3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HD2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HD3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HE2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HE3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HG2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HG3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HZ1	4	4.08
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HZ2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HZ3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:48:LYS:N	4	4.08
(1,19)	2:B:53:ASP:N	1:A:48:LYS:NZ	4	4.08
(1,19)	2:B:53:ASP:N	1:A:48:LYS:O	4	4.08
(1,19)	2:B:53:ASP:N	1:A:49:GLN:C	4	4.08
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CB	4	4.08
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CD	4	4.08
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CG	4	4.08
(1,19)	2:B:53:ASP:N	1:A:49:GLN:H	4	4.08
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HB2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HB3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HE21	4	4.08
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HE22	4	4.08
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HG2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HG3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:49:GLN:N	4	4.08
(1,19)	2:B:53:ASP:N	1:A:49:GLN:NE2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:49:GLN:O	4	4.08
(1,19)	2:B:53:ASP:N	1:A:49:GLN:OE1	4	4.08
(1,19)	2:B:53:ASP:N	1:A:51:GLU:C	4	4.08
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CB	4	4.08
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CD	4	4.08
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CG	4	4.08
(1,19)	2:B:53:ASP:N	1:A:51:GLU:H	4	4.08
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HB2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HB3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HG2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HG3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:51:GLU:N	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:51:GLU:O	4	4.08
(1,19)	2:B:53:ASP:N	1:A:51:GLU:OE1	4	4.08
(1,19)	2:B:53:ASP:N	1:A:51:GLU:OE2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:52:ASP:C	4	4.08
(1,19)	2:B:53:ASP:N	1:A:52:ASP:CA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:52:ASP:CB	4	4.08
(1,19)	2:B:53:ASP:N	1:A:52:ASP:CG	4	4.08
(1,19)	2:B:53:ASP:N	1:A:52:ASP:H	4	4.08
(1,19)	2:B:53:ASP:N	1:A:52:ASP:HA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:52:ASP:HB2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:52:ASP:HB3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:52:ASP:N	4	4.08
(1,19)	2:B:53:ASP:N	1:A:52:ASP:O	4	4.08
(1,19)	2:B:53:ASP:N	1:A:52:ASP:OD1	4	4.08
(1,19)	2:B:53:ASP:N	1:A:52:ASP:OD2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:64:GLU:C	4	4.08
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CB	4	4.08
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CD	4	4.08
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CG	4	4.08
(1,19)	2:B:53:ASP:N	1:A:64:GLU:H	4	4.08
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HB2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HB3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HG2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HG3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:64:GLU:N	4	4.08
(1,19)	2:B:53:ASP:N	1:A:64:GLU:O	4	4.08
(1,19)	2:B:53:ASP:N	1:A:64:GLU:OE1	4	4.08
(1,19)	2:B:53:ASP:N	1:A:64:GLU:OE2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:68:HIS:C	4	4.08
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CB	4	4.08
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CD2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CE1	4	4.08
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CG	4	4.08
(1,19)	2:B:53:ASP:N	1:A:68:HIS:H	4	4.08
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HB2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HB3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HD1	4	4.08
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HD2	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HE1	4	4.08
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HE2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:68:HIS:N	4	4.08
(1,19)	2:B:53:ASP:N	1:A:68:HIS:ND1	4	4.08
(1,19)	2:B:53:ASP:N	1:A:68:HIS:NE2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:68:HIS:O	4	4.08
(1,19)	2:B:53:ASP:N	1:A:71:LEU:C	4	4.08
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:N	1:A:71:LEU:H	4	4.08
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:N	1:A:71:LEU:N	4	4.08
(1,19)	2:B:53:ASP:N	1:A:71:LEU:O	4	4.08
(1,19)	2:B:53:ASP:N	1:A:72:ARG:C	4	4.08
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CB	4	4.08
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CD	4	4.08
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CG	4	4.08
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CZ	4	4.08
(1,19)	2:B:53:ASP:N	1:A:72:ARG:H	4	4.08
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HB2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HB3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HD2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HD3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HE	4	4.08
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HG2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HG3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH11	4	4.08
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH12	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH21	4	4.08
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH22	4	4.08
(1,19)	2:B:53:ASP:N	1:A:72:ARG:N	4	4.08
(1,19)	2:B:53:ASP:N	1:A:72:ARG:NE	4	4.08
(1,19)	2:B:53:ASP:N	1:A:72:ARG:NH1	4	4.08
(1,19)	2:B:53:ASP:N	1:A:72:ARG:NH2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:72:ARG:O	4	4.08
(1,19)	2:B:53:ASP:N	1:A:73:LEU:C	4	4.08
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:N	1:A:73:LEU:H	4	4.08
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:N	1:A:73:LEU:N	4	4.08
(1,19)	2:B:53:ASP:N	1:A:73:LEU:O	4	4.08
(1,19)	2:B:53:ASP:N	1:A:74:ARG:C	4	4.08
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CB	4	4.08
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CD	4	4.08
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CG	4	4.08
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CZ	4	4.08
(1,19)	2:B:53:ASP:N	1:A:74:ARG:H	4	4.08
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HB2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HB3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HD2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HD3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HE	4	4.08
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HG2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HG3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH11	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH12	4	4.08
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH21	4	4.08
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH22	4	4.08
(1,19)	2:B:53:ASP:N	1:A:74:ARG:N	4	4.08
(1,19)	2:B:53:ASP:N	1:A:74:ARG:NE	4	4.08
(1,19)	2:B:53:ASP:N	1:A:74:ARG:NH1	4	4.08
(1,19)	2:B:53:ASP:N	1:A:74:ARG:NH2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:74:ARG:O	4	4.08
(1,19)	2:B:53:ASP:N	1:A:75:GLY:C	4	4.08
(1,19)	2:B:53:ASP:N	1:A:75:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:75:GLY:H	4	4.08
(1,19)	2:B:53:ASP:N	1:A:75:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:75:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:75:GLY:N	4	4.08
(1,19)	2:B:53:ASP:N	1:A:75:GLY:O	4	4.08
(1,19)	2:B:53:ASP:N	1:A:76:GLY:C	4	4.08
(1,19)	2:B:53:ASP:N	1:A:76:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:N	1:A:76:GLY:H	4	4.08
(1,19)	2:B:53:ASP:N	1:A:76:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:N	1:A:76:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:N	1:A:76:GLY:N	4	4.08
(1,19)	2:B:53:ASP:N	1:A:76:GLY:O	4	4.08
(1,19)	2:B:53:ASP:O	1:A:2:GLN:C	4	4.08
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CB	4	4.08
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CD	4	4.08
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CG	4	4.08
(1,19)	2:B:53:ASP:O	1:A:2:GLN:H	4	4.08
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HB2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HB3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HE21	4	4.08
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HE22	4	4.08
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HG2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HG3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:2:GLN:N	4	4.08
(1,19)	2:B:53:ASP:O	1:A:2:GLN:NE2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:2:GLN:O	4	4.08
(1,19)	2:B:53:ASP:O	1:A:2:GLN:OE1	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:C	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:C	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CA	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:H	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:H	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:N	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:N	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:O	4	4.08
(1,19)	2:B:53:ASP:O	1:A:8:LEU:O	4	4.08
(1,19)	2:B:53:ASP:O	1:A:9:THR:C	4	4.08
(1,19)	2:B:53:ASP:O	1:A:9:THR:CA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:9:THR:CB	4	4.08
(1,19)	2:B:53:ASP:O	1:A:9:THR:CG2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:9:THR:H	4	4.08
(1,19)	2:B:53:ASP:O	1:A:9:THR:HA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:9:THR:HB	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG1	4	4.08
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG21	4	4.08
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG22	4	4.08
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG23	4	4.08
(1,19)	2:B:53:ASP:O	1:A:9:THR:N	4	4.08
(1,19)	2:B:53:ASP:O	1:A:9:THR:O	4	4.08
(1,19)	2:B:53:ASP:O	1:A:9:THR:OG1	4	4.08
(1,19)	2:B:53:ASP:O	1:A:10:GLY:C	4	4.08
(1,19)	2:B:53:ASP:O	1:A:10:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:10:GLY:H	4	4.08
(1,19)	2:B:53:ASP:O	1:A:10:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:10:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:10:GLY:N	4	4.08
(1,19)	2:B:53:ASP:O	1:A:10:GLY:O	4	4.08
(1,19)	2:B:53:ASP:O	1:A:12:3X9:C	4	4.08
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAB	4	4.08
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAC	4	4.08
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAD	4	4.08
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAI	4	4.08
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAJ	4	4.08
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAO	4	4.08
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAR	4	4.08
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAS	4	4.08
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CB	4	4.08
(1,19)	2:B:53:ASP:O	1:A:12:3X9:H	4	4.08
(1,19)	2:B:53:ASP:O	1:A:12:3X9:HA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:12:3X9:HAA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:12:3X9:HB3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:12:3X9:N	4	4.08
(1,19)	2:B:53:ASP:O	1:A:12:3X9:NAQ	4	4.08
(1,19)	2:B:53:ASP:O	1:A:12:3X9:O	4	4.08
(1,19)	2:B:53:ASP:O	1:A:12:3X9:OAH	4	4.08
(1,19)	2:B:53:ASP:O	1:A:12:3X9:SAL	4	4.08
(1,19)	2:B:53:ASP:O	1:A:12:3X9:SG	4	4.08
(1,19)	2:B:53:ASP:O	1:A:14:THR:C	4	4.08
(1,19)	2:B:53:ASP:O	1:A:14:THR:CA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:14:THR:CB	4	4.08
(1,19)	2:B:53:ASP:O	1:A:14:THR:CG2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:14:THR:H	4	4.08
(1,19)	2:B:53:ASP:O	1:A:14:THR:HA	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:14:THR:HB	4	4.08
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG1	4	4.08
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG21	4	4.08
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG22	4	4.08
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG23	4	4.08
(1,19)	2:B:53:ASP:O	1:A:14:THR:N	4	4.08
(1,19)	2:B:53:ASP:O	1:A:14:THR:O	4	4.08
(1,19)	2:B:53:ASP:O	1:A:14:THR:OG1	4	4.08
(1,19)	2:B:53:ASP:O	1:A:39:ASP:C	4	4.08
(1,19)	2:B:53:ASP:O	1:A:39:ASP:CA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:39:ASP:CB	4	4.08
(1,19)	2:B:53:ASP:O	1:A:39:ASP:CG	4	4.08
(1,19)	2:B:53:ASP:O	1:A:39:ASP:H	4	4.08
(1,19)	2:B:53:ASP:O	1:A:39:ASP:HA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:39:ASP:HB2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:39:ASP:HB3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:39:ASP:N	4	4.08
(1,19)	2:B:53:ASP:O	1:A:39:ASP:O	4	4.08
(1,19)	2:B:53:ASP:O	1:A:39:ASP:OD1	4	4.08
(1,19)	2:B:53:ASP:O	1:A:39:ASP:OD2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:44:ILE:C	4	4.08
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CB	4	4.08
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CD1	4	4.08
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CG1	4	4.08
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CG2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:44:ILE:H	4	4.08
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HB	4	4.08
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HD11	4	4.08
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HD12	4	4.08
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HD13	4	4.08
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG12	4	4.08
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG13	4	4.08
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG21	4	4.08
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG22	4	4.08
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG23	4	4.08
(1,19)	2:B:53:ASP:O	1:A:44:ILE:N	4	4.08
(1,19)	2:B:53:ASP:O	1:A:44:ILE:O	4	4.08
(1,19)	2:B:53:ASP:O	1:A:46:ALA:C	4	4.08
(1,19)	2:B:53:ASP:O	1:A:46:ALA:CA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:46:ALA:CB	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:46:ALA:H	4	4.08
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HB1	4	4.08
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HB2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HB3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:46:ALA:N	4	4.08
(1,19)	2:B:53:ASP:O	1:A:46:ALA:O	4	4.08
(1,19)	2:B:53:ASP:O	1:A:47:GLY:C	4	4.08
(1,19)	2:B:53:ASP:O	1:A:47:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:47:GLY:H	4	4.08
(1,19)	2:B:53:ASP:O	1:A:47:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:47:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:47:GLY:N	4	4.08
(1,19)	2:B:53:ASP:O	1:A:47:GLY:O	4	4.08
(1,19)	2:B:53:ASP:O	1:A:48:LYS:C	4	4.08
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CB	4	4.08
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CD	4	4.08
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CE	4	4.08
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CG	4	4.08
(1,19)	2:B:53:ASP:O	1:A:48:LYS:H	4	4.08
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HB2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HB3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HD2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HD3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HE2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HE3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HG2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HG3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HZ1	4	4.08
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HZ2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HZ3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:48:LYS:N	4	4.08
(1,19)	2:B:53:ASP:O	1:A:48:LYS:NZ	4	4.08
(1,19)	2:B:53:ASP:O	1:A:48:LYS:O	4	4.08
(1,19)	2:B:53:ASP:O	1:A:49:GLN:C	4	4.08
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CB	4	4.08
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CD	4	4.08
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CG	4	4.08
(1,19)	2:B:53:ASP:O	1:A:49:GLN:H	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HB2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HB3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HE21	4	4.08
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HE22	4	4.08
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HG2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HG3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:49:GLN:N	4	4.08
(1,19)	2:B:53:ASP:O	1:A:49:GLN:NE2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:49:GLN:O	4	4.08
(1,19)	2:B:53:ASP:O	1:A:49:GLN:OE1	4	4.08
(1,19)	2:B:53:ASP:O	1:A:51:GLU:C	4	4.08
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CB	4	4.08
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CD	4	4.08
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CG	4	4.08
(1,19)	2:B:53:ASP:O	1:A:51:GLU:H	4	4.08
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HB2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HB3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HG2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HG3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:51:GLU:N	4	4.08
(1,19)	2:B:53:ASP:O	1:A:51:GLU:O	4	4.08
(1,19)	2:B:53:ASP:O	1:A:51:GLU:OE1	4	4.08
(1,19)	2:B:53:ASP:O	1:A:51:GLU:OE2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:52:ASP:C	4	4.08
(1,19)	2:B:53:ASP:O	1:A:52:ASP:CA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:52:ASP:CB	4	4.08
(1,19)	2:B:53:ASP:O	1:A:52:ASP:CG	4	4.08
(1,19)	2:B:53:ASP:O	1:A:52:ASP:H	4	4.08
(1,19)	2:B:53:ASP:O	1:A:52:ASP:HA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:52:ASP:HB2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:52:ASP:HB3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:52:ASP:N	4	4.08
(1,19)	2:B:53:ASP:O	1:A:52:ASP:O	4	4.08
(1,19)	2:B:53:ASP:O	1:A:52:ASP:OD1	4	4.08
(1,19)	2:B:53:ASP:O	1:A:52:ASP:OD2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:64:GLU:C	4	4.08
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CB	4	4.08
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CD	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CG	4	4.08
(1,19)	2:B:53:ASP:O	1:A:64:GLU:H	4	4.08
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HB2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HB3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HG2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HG3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:64:GLU:N	4	4.08
(1,19)	2:B:53:ASP:O	1:A:64:GLU:O	4	4.08
(1,19)	2:B:53:ASP:O	1:A:64:GLU:OE1	4	4.08
(1,19)	2:B:53:ASP:O	1:A:64:GLU:OE2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:68:HIS:C	4	4.08
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CB	4	4.08
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CD2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CE1	4	4.08
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CG	4	4.08
(1,19)	2:B:53:ASP:O	1:A:68:HIS:H	4	4.08
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HB2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HB3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HD1	4	4.08
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HD2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HE1	4	4.08
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HE2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:68:HIS:N	4	4.08
(1,19)	2:B:53:ASP:O	1:A:68:HIS:ND1	4	4.08
(1,19)	2:B:53:ASP:O	1:A:68:HIS:NE2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:68:HIS:O	4	4.08
(1,19)	2:B:53:ASP:O	1:A:71:LEU:C	4	4.08
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:O	1:A:71:LEU:H	4	4.08
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD13	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:O	1:A:71:LEU:N	4	4.08
(1,19)	2:B:53:ASP:O	1:A:71:LEU:O	4	4.08
(1,19)	2:B:53:ASP:O	1:A:72:ARG:C	4	4.08
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CB	4	4.08
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CD	4	4.08
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CG	4	4.08
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CZ	4	4.08
(1,19)	2:B:53:ASP:O	1:A:72:ARG:H	4	4.08
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HB2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HB3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HD2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HD3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HE	4	4.08
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HG2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HG3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH11	4	4.08
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH12	4	4.08
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH21	4	4.08
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH22	4	4.08
(1,19)	2:B:53:ASP:O	1:A:72:ARG:N	4	4.08
(1,19)	2:B:53:ASP:O	1:A:72:ARG:NE	4	4.08
(1,19)	2:B:53:ASP:O	1:A:72:ARG:NH1	4	4.08
(1,19)	2:B:53:ASP:O	1:A:72:ARG:NH2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:72:ARG:O	4	4.08
(1,19)	2:B:53:ASP:O	1:A:73:LEU:C	4	4.08
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:O	1:A:73:LEU:H	4	4.08
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD12	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:O	1:A:73:LEU:N	4	4.08
(1,19)	2:B:53:ASP:O	1:A:73:LEU:O	4	4.08
(1,19)	2:B:53:ASP:O	1:A:74:ARG:C	4	4.08
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CB	4	4.08
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CD	4	4.08
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CG	4	4.08
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CZ	4	4.08
(1,19)	2:B:53:ASP:O	1:A:74:ARG:H	4	4.08
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HB2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HB3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HD2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HD3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HE	4	4.08
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HG2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HG3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH11	4	4.08
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH12	4	4.08
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH21	4	4.08
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH22	4	4.08
(1,19)	2:B:53:ASP:O	1:A:74:ARG:N	4	4.08
(1,19)	2:B:53:ASP:O	1:A:74:ARG:NE	4	4.08
(1,19)	2:B:53:ASP:O	1:A:74:ARG:NH1	4	4.08
(1,19)	2:B:53:ASP:O	1:A:74:ARG:NH2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:74:ARG:O	4	4.08
(1,19)	2:B:53:ASP:O	1:A:75:GLY:C	4	4.08
(1,19)	2:B:53:ASP:O	1:A:75:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:75:GLY:H	4	4.08
(1,19)	2:B:53:ASP:O	1:A:75:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:O	1:A:75:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:75:GLY:N	4	4.08
(1,19)	2:B:53:ASP:O	1:A:75:GLY:O	4	4.08
(1,19)	2:B:53:ASP:O	1:A:76:GLY:C	4	4.08
(1,19)	2:B:53:ASP:O	1:A:76:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:O	1:A:76:GLY:H	4	4.08
(1,19)	2:B:53:ASP:O	1:A:76:GLY:HA2	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:76:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:O	1:A:76:GLY:N	4	4.08
(1,19)	2:B:53:ASP:O	1:A:76:GLY:O	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:C	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CB	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CD	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CG	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:H	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HB2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HB3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HE21	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HE22	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HG2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HG3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:N	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:NE2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:O	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:OE1	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:C	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:C	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:H	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:H	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD11	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:N	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:N	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:O	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:O	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:C	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:CA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:CB	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:CG2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:H	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HB	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG1	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG21	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG22	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG23	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:N	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:O	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:OG1	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:C	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:H	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:N	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:O	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:C	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAB	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAC	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAD	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAI	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAJ	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAO	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAR	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAS	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CB	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:H	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:HA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:HAA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:HB3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:N	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:NAQ	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:O	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:OAH	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:SAL	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:SG	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:C	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:CA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:CB	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:CG2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:H	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HB	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG1	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG21	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG22	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG23	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:N	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:O	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:OG1	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:C	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:CA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:CB	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:CG	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:H	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:HA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:HB2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:HB3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:N	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:O	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:OD1	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:OD2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:C	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CB	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CD1	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CG1	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CG2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:H	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HB	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HD11	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HD12	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HD13	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG12	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG13	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG21	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG22	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG23	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:N	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:O	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:C	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:CA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:CB	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:H	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HB1	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HB2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HB3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:N	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:O	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:C	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:H	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:N	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:O	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:C	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CB	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CD	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CE	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CG	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:H	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HB2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HB3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HD2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HD3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HE2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HE3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HG2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HG3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HZ1	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HZ2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HZ3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:N	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:NZ	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:O	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:C	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CB	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CD	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CG	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:H	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HB2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HB3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HE21	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HE22	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HG2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HG3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:N	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:NE2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:O	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:OE1	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:C	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CB	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CD	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CG	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:H	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HB2	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HB3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HG2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HG3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:N	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:O	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:OE1	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:OE2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:C	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:CA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:CB	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:CG	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:H	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:HA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:HB2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:HB3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:N	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:O	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:OD1	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:OD2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:C	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CB	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CD	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CG	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:H	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HB2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HB3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HG2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HG3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:N	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:O	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:OE1	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:OE2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:C	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CB	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CD2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CE1	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CG	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:H	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HA	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HB2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HB3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HD1	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HD2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HE1	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HE2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:N	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:ND1	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:NE2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:O	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:C	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:H	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:N	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:O	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:C	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CB	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CD	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CG	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CZ	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:H	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HB2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HB3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HD2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HD3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HE	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HG2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HG3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH11	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH12	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH21	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH22	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:N	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:NE	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:NH1	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:NH2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:O	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:C	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:H	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:N	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:O	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:C	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CB	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CD	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CG	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CZ	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:H	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HB2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HB3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HD2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HD3	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HE	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HG2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HG3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH11	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH12	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH21	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH22	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:N	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:NE	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:NH1	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:NH2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:O	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:C	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:H	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:N	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:O	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:C	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:H	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:N	4	4.08
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:O	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:C	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CB	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CD	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CG	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:H	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HB2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HB3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HE21	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HE22	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HG2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HG3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:N	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:NE2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:O	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:OE1	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:C	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:C	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:H	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:H	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:N	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:N	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:O	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:O	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:C	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:CA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:CB	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:CG2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:H	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HB	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG1	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG21	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG22	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG23	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:N	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:O	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:OG1	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:C	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:H	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:N	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:O	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:C	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAB	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAC	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAD	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAI	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAJ	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAO	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAR	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAS	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CB	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:H	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:HA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:HAA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:HB3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:N	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:NAQ	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:O	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:OAH	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:SAL	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:SG	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:C	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:CA	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:CB	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:CG2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:H	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HB	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG1	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG21	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG22	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG23	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:N	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:O	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:OG1	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:C	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:CA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:CB	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:CG	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:H	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:HA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:HB2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:HB3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:N	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:O	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:OD1	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:OD2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:C	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CB	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CD1	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CG1	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CG2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:H	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HB	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HD11	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HD12	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HD13	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG12	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG13	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG21	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG22	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG23	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:N	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:O	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:C	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:CA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:CB	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:H	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HB1	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HB2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HB3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:N	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:O	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:C	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:H	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:N	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:O	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:C	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CB	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CD	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CE	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CG	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:H	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HB2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HB3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HD2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HD3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HE2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HE3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HG2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HG3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HZ1	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HZ2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HZ3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:N	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:NZ	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:O	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:C	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CA	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CB	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CD	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CG	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:H	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HB2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HB3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HE21	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HE22	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HG2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HG3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:N	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:NE2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:O	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:OE1	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:C	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CB	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CD	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CG	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:H	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HB2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HB3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HG2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HG3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:N	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:O	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:OE1	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:OE2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:C	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:CA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:CB	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:CG	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:H	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:HA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:HB2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:HB3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:N	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:O	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:OD1	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:OD2	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:C	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CB	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CD	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CG	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:H	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HB2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HB3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HG2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HG3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:N	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:O	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:OE1	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:OE2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:C	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CB	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CD2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CE1	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CG	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:H	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HB2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HB3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HD1	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HD2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HE1	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HE2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:N	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:ND1	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:NE2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:O	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:C	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:H	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HB2	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:N	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:O	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:C	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CB	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CD	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CG	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CZ	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:H	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HB2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HB3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HD2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HD3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HE	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HG2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HG3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH11	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH12	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH21	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH22	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:N	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:NE	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:NH1	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:NH2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:O	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:C	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CB	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CD1	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CD2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CG	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:H	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HA	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HB2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HB3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD11	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD12	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD13	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD21	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD22	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD23	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HG	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:N	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:O	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:C	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CB	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CD	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CG	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CZ	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:H	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HB2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HB3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HD2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HD3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HE	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HG2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HG3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH11	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH12	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH21	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH22	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:N	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:NE	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:NH1	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:NH2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:O	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:C	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:H	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:N	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:O	4	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:C	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:CA	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:H	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:HA2	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:HA3	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:N	4	4.08
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:O	4	4.08
(1,19)	2:B:53:ASP:C	1:A:2:GLN:C	2	4.02
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CB	2	4.02
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CD	2	4.02
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CG	2	4.02
(1,19)	2:B:53:ASP:C	1:A:2:GLN:H	2	4.02
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HB2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HB3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HE21	2	4.02
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HE22	2	4.02
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HG2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HG3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:2:GLN:N	2	4.02
(1,19)	2:B:53:ASP:C	1:A:2:GLN:NE2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:2:GLN:O	2	4.02
(1,19)	2:B:53:ASP:C	1:A:2:GLN:OE1	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:C	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:C	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:H	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:H	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB2	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:N	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:N	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:O	2	4.02
(1,19)	2:B:53:ASP:C	1:A:8:LEU:O	2	4.02
(1,19)	2:B:53:ASP:C	1:A:9:THR:C	2	4.02
(1,19)	2:B:53:ASP:C	1:A:9:THR:CA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:9:THR:CB	2	4.02
(1,19)	2:B:53:ASP:C	1:A:9:THR:CG2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:9:THR:H	2	4.02
(1,19)	2:B:53:ASP:C	1:A:9:THR:HA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:9:THR:HB	2	4.02
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG1	2	4.02
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG21	2	4.02
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG22	2	4.02
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG23	2	4.02
(1,19)	2:B:53:ASP:C	1:A:9:THR:N	2	4.02
(1,19)	2:B:53:ASP:C	1:A:9:THR:O	2	4.02
(1,19)	2:B:53:ASP:C	1:A:9:THR:OG1	2	4.02
(1,19)	2:B:53:ASP:C	1:A:10:GLY:C	2	4.02
(1,19)	2:B:53:ASP:C	1:A:10:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:10:GLY:H	2	4.02
(1,19)	2:B:53:ASP:C	1:A:10:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:10:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:10:GLY:N	2	4.02
(1,19)	2:B:53:ASP:C	1:A:10:GLY:O	2	4.02
(1,19)	2:B:53:ASP:C	1:A:12:3X9:C	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAB	2	4.02
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAC	2	4.02
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAD	2	4.02
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAI	2	4.02
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAJ	2	4.02
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAO	2	4.02
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAR	2	4.02
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAS	2	4.02
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CB	2	4.02
(1,19)	2:B:53:ASP:C	1:A:12:3X9:H	2	4.02
(1,19)	2:B:53:ASP:C	1:A:12:3X9:HA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:12:3X9:HAA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:12:3X9:HB3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:12:3X9:N	2	4.02
(1,19)	2:B:53:ASP:C	1:A:12:3X9:NAQ	2	4.02
(1,19)	2:B:53:ASP:C	1:A:12:3X9:O	2	4.02
(1,19)	2:B:53:ASP:C	1:A:12:3X9:OAH	2	4.02
(1,19)	2:B:53:ASP:C	1:A:12:3X9:SAL	2	4.02
(1,19)	2:B:53:ASP:C	1:A:12:3X9:SG	2	4.02
(1,19)	2:B:53:ASP:C	1:A:14:THR:C	2	4.02
(1,19)	2:B:53:ASP:C	1:A:14:THR:CA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:14:THR:CB	2	4.02
(1,19)	2:B:53:ASP:C	1:A:14:THR:CG2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:14:THR:H	2	4.02
(1,19)	2:B:53:ASP:C	1:A:14:THR:HA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:14:THR:HB	2	4.02
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG1	2	4.02
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG21	2	4.02
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG22	2	4.02
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG23	2	4.02
(1,19)	2:B:53:ASP:C	1:A:14:THR:N	2	4.02
(1,19)	2:B:53:ASP:C	1:A:14:THR:O	2	4.02
(1,19)	2:B:53:ASP:C	1:A:14:THR:OG1	2	4.02
(1,19)	2:B:53:ASP:C	1:A:39:ASP:C	2	4.02
(1,19)	2:B:53:ASP:C	1:A:39:ASP:CA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:39:ASP:CB	2	4.02
(1,19)	2:B:53:ASP:C	1:A:39:ASP:CG	2	4.02
(1,19)	2:B:53:ASP:C	1:A:39:ASP:H	2	4.02
(1,19)	2:B:53:ASP:C	1:A:39:ASP:HA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:39:ASP:HB2	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:39:ASP:HB3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:39:ASP:N	2	4.02
(1,19)	2:B:53:ASP:C	1:A:39:ASP:O	2	4.02
(1,19)	2:B:53:ASP:C	1:A:39:ASP:OD1	2	4.02
(1,19)	2:B:53:ASP:C	1:A:39:ASP:OD2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:44:ILE:C	2	4.02
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CB	2	4.02
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CD1	2	4.02
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CG1	2	4.02
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CG2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:44:ILE:H	2	4.02
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HB	2	4.02
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HD11	2	4.02
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HD12	2	4.02
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HD13	2	4.02
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG12	2	4.02
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG13	2	4.02
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG21	2	4.02
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG22	2	4.02
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG23	2	4.02
(1,19)	2:B:53:ASP:C	1:A:44:ILE:N	2	4.02
(1,19)	2:B:53:ASP:C	1:A:44:ILE:O	2	4.02
(1,19)	2:B:53:ASP:C	1:A:46:ALA:C	2	4.02
(1,19)	2:B:53:ASP:C	1:A:46:ALA:CA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:46:ALA:CB	2	4.02
(1,19)	2:B:53:ASP:C	1:A:46:ALA:H	2	4.02
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HB1	2	4.02
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HB2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HB3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:46:ALA:N	2	4.02
(1,19)	2:B:53:ASP:C	1:A:46:ALA:O	2	4.02
(1,19)	2:B:53:ASP:C	1:A:47:GLY:C	2	4.02
(1,19)	2:B:53:ASP:C	1:A:47:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:47:GLY:H	2	4.02
(1,19)	2:B:53:ASP:C	1:A:47:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:47:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:47:GLY:N	2	4.02
(1,19)	2:B:53:ASP:C	1:A:47:GLY:O	2	4.02
(1,19)	2:B:53:ASP:C	1:A:48:LYS:C	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CB	2	4.02
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CD	2	4.02
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CE	2	4.02
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CG	2	4.02
(1,19)	2:B:53:ASP:C	1:A:48:LYS:H	2	4.02
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HB2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HB3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HD2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HD3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HE2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HE3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HG2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HG3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HZ1	2	4.02
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HZ2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HZ3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:48:LYS:N	2	4.02
(1,19)	2:B:53:ASP:C	1:A:48:LYS:NZ	2	4.02
(1,19)	2:B:53:ASP:C	1:A:48:LYS:O	2	4.02
(1,19)	2:B:53:ASP:C	1:A:49:GLN:C	2	4.02
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CB	2	4.02
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CD	2	4.02
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CG	2	4.02
(1,19)	2:B:53:ASP:C	1:A:49:GLN:H	2	4.02
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HB2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HB3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HE21	2	4.02
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HE22	2	4.02
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HG2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HG3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:49:GLN:N	2	4.02
(1,19)	2:B:53:ASP:C	1:A:49:GLN:NE2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:49:GLN:O	2	4.02
(1,19)	2:B:53:ASP:C	1:A:49:GLN:OE1	2	4.02
(1,19)	2:B:53:ASP:C	1:A:51:GLU:C	2	4.02
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CB	2	4.02
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CD	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CG	2	4.02
(1,19)	2:B:53:ASP:C	1:A:51:GLU:H	2	4.02
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HB2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HB3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HG2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HG3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:51:GLU:N	2	4.02
(1,19)	2:B:53:ASP:C	1:A:51:GLU:O	2	4.02
(1,19)	2:B:53:ASP:C	1:A:51:GLU:OE1	2	4.02
(1,19)	2:B:53:ASP:C	1:A:51:GLU:OE2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:52:ASP:C	2	4.02
(1,19)	2:B:53:ASP:C	1:A:52:ASP:CA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:52:ASP:CB	2	4.02
(1,19)	2:B:53:ASP:C	1:A:52:ASP:CG	2	4.02
(1,19)	2:B:53:ASP:C	1:A:52:ASP:H	2	4.02
(1,19)	2:B:53:ASP:C	1:A:52:ASP:HA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:52:ASP:HB2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:52:ASP:HB3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:52:ASP:N	2	4.02
(1,19)	2:B:53:ASP:C	1:A:52:ASP:O	2	4.02
(1,19)	2:B:53:ASP:C	1:A:52:ASP:OD1	2	4.02
(1,19)	2:B:53:ASP:C	1:A:52:ASP:OD2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:64:GLU:C	2	4.02
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CB	2	4.02
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CD	2	4.02
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CG	2	4.02
(1,19)	2:B:53:ASP:C	1:A:64:GLU:H	2	4.02
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HB2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HB3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HG2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HG3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:64:GLU:N	2	4.02
(1,19)	2:B:53:ASP:C	1:A:64:GLU:O	2	4.02
(1,19)	2:B:53:ASP:C	1:A:64:GLU:OE1	2	4.02
(1,19)	2:B:53:ASP:C	1:A:64:GLU:OE2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:68:HIS:C	2	4.02
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CB	2	4.02
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CD2	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CE1	2	4.02
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CG	2	4.02
(1,19)	2:B:53:ASP:C	1:A:68:HIS:H	2	4.02
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HB2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HB3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HD1	2	4.02
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HD2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HE1	2	4.02
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HE2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:68:HIS:N	2	4.02
(1,19)	2:B:53:ASP:C	1:A:68:HIS:ND1	2	4.02
(1,19)	2:B:53:ASP:C	1:A:68:HIS:NE2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:68:HIS:O	2	4.02
(1,19)	2:B:53:ASP:C	1:A:71:LEU:C	2	4.02
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:C	1:A:71:LEU:H	2	4.02
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:C	1:A:71:LEU:N	2	4.02
(1,19)	2:B:53:ASP:C	1:A:71:LEU:O	2	4.02
(1,19)	2:B:53:ASP:C	1:A:72:ARG:C	2	4.02
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CB	2	4.02
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CD	2	4.02
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CG	2	4.02
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CZ	2	4.02
(1,19)	2:B:53:ASP:C	1:A:72:ARG:H	2	4.02
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HB2	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HB3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HD2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HD3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HE	2	4.02
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HG2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HG3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH11	2	4.02
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH12	2	4.02
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH21	2	4.02
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH22	2	4.02
(1,19)	2:B:53:ASP:C	1:A:72:ARG:N	2	4.02
(1,19)	2:B:53:ASP:C	1:A:72:ARG:NE	2	4.02
(1,19)	2:B:53:ASP:C	1:A:72:ARG:NH1	2	4.02
(1,19)	2:B:53:ASP:C	1:A:72:ARG:NH2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:72:ARG:O	2	4.02
(1,19)	2:B:53:ASP:C	1:A:73:LEU:C	2	4.02
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:C	1:A:73:LEU:H	2	4.02
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:C	1:A:73:LEU:N	2	4.02
(1,19)	2:B:53:ASP:C	1:A:73:LEU:O	2	4.02
(1,19)	2:B:53:ASP:C	1:A:74:ARG:C	2	4.02
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CB	2	4.02
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CD	2	4.02
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CG	2	4.02
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CZ	2	4.02
(1,19)	2:B:53:ASP:C	1:A:74:ARG:H	2	4.02
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HA	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HB2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HB3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HD2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HD3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HE	2	4.02
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HG2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HG3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH11	2	4.02
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH12	2	4.02
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH21	2	4.02
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH22	2	4.02
(1,19)	2:B:53:ASP:C	1:A:74:ARG:N	2	4.02
(1,19)	2:B:53:ASP:C	1:A:74:ARG:NE	2	4.02
(1,19)	2:B:53:ASP:C	1:A:74:ARG:NH1	2	4.02
(1,19)	2:B:53:ASP:C	1:A:74:ARG:NH2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:74:ARG:O	2	4.02
(1,19)	2:B:53:ASP:C	1:A:75:GLY:C	2	4.02
(1,19)	2:B:53:ASP:C	1:A:75:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:75:GLY:H	2	4.02
(1,19)	2:B:53:ASP:C	1:A:75:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:75:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:75:GLY:N	2	4.02
(1,19)	2:B:53:ASP:C	1:A:75:GLY:O	2	4.02
(1,19)	2:B:53:ASP:C	1:A:76:GLY:C	2	4.02
(1,19)	2:B:53:ASP:C	1:A:76:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:C	1:A:76:GLY:H	2	4.02
(1,19)	2:B:53:ASP:C	1:A:76:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:C	1:A:76:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:C	1:A:76:GLY:N	2	4.02
(1,19)	2:B:53:ASP:C	1:A:76:GLY:O	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:C	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CB	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CD	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CG	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:H	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HB2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HB3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HE21	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HE22	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HG2	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HG3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:N	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:NE2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:O	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:OE1	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:C	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:C	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:H	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:H	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:N	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:N	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:O	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:O	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:9:THR:C	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:9:THR:CA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:9:THR:CB	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:9:THR:CG2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:9:THR:H	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HB	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG1	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG21	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG22	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG23	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:9:THR:N	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:9:THR:O	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:9:THR:OG1	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:C	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:H	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:N	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:O	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:C	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAB	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAC	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAD	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAI	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAJ	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAO	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAR	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAS	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CB	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:H	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:HA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:HAA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:HB3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:N	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:NAQ	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:O	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:OAH	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:SAL	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:SG	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:14:THR:C	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:14:THR:CA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:14:THR:CB	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:14:THR:CG2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:14:THR:H	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HB	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG1	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG21	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG22	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG23	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:14:THR:N	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:14:THR:O	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:14:THR:OG1	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:C	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:CA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:CB	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:CG	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:H	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:HA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:HB2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:HB3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:N	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:O	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:OD1	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:OD2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:C	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CB	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CD1	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CG1	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CG2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:H	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HB	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HD11	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HD12	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HD13	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG12	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG13	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG21	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG22	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG23	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:N	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:O	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:C	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:CA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:CB	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:H	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HB1	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HB2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HB3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:N	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:O	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:C	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:H	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:N	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:O	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:C	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CB	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CD	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CE	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CG	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:H	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HB2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HB3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HD2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HD3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HE2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HE3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HG2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HG3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HZ1	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HZ2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HZ3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:N	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:NZ	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:O	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:C	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CB	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CD	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CG	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:H	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HB2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HB3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HE21	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HE22	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HG2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HG3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:N	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:NE2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:O	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:OE1	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:C	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CB	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CD	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CG	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:H	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HB2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HB3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HG2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HG3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:N	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:O	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:OE1	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:OE2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:C	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:CA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:CB	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:CG	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:H	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:HA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:HB2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:HB3	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:N	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:O	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:OD1	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:OD2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:C	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CB	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CD	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CG	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:H	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HB2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HB3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HG2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HG3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:N	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:O	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:OE1	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:OE2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:C	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CB	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CD2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CE1	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CG	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:H	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HB2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HB3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HD1	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HD2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HE1	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HE2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:N	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:ND1	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:NE2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:O	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:C	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CD2	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:H	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:N	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:O	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:C	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CB	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CD	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CG	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CZ	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:H	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HB2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HB3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HD2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HD3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HE	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HG2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HG3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH11	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH12	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH21	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH22	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:N	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:NE	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:NH1	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:NH2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:O	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:C	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CD1	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:H	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:N	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:O	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:C	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CB	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CD	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CG	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CZ	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:H	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HB2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HB3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HD2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HD3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HE	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HG2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HG3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH11	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH12	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH21	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH22	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:N	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:NE	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:NH1	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:NH2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:O	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:C	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:H	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:N	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:O	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:C	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:H	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:N	2	4.02
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:O	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:C	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CB	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CD	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CG	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:H	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HB2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HB3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HE21	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HE22	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HG2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HG3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:N	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:NE2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:O	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:OE1	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:C	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:C	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:H	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:H	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:N	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:N	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:O	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:O	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:9:THR:C	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:9:THR:CA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:9:THR:CB	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:9:THR:CG2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:9:THR:H	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HB	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG1	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG21	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG22	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG23	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:9:THR:N	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:9:THR:O	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:9:THR:OG1	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:C	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:H	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:HA2	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:N	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:O	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:C	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAB	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAC	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAD	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAI	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAJ	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAO	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAR	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAS	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CB	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:H	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:HA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:HAA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:HB3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:N	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:NAQ	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:O	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:OAH	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:SAL	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:SG	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:14:THR:C	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:14:THR:CA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:14:THR:CB	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:14:THR:CG2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:14:THR:H	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HB	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG1	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG21	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG22	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG23	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:14:THR:N	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:14:THR:O	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:14:THR:OG1	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:C	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:CA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:CB	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:CG	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:H	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:HA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:HB2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:HB3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:N	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:O	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:OD1	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:OD2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:C	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CB	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CD1	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CG1	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CG2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:H	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HB	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HD11	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HD12	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HD13	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG12	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG13	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG21	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG22	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG23	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:N	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:O	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:C	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:CA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:CB	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:H	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HB1	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HB2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HB3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:N	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:O	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:C	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:H	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:HA2	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:N	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:O	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:C	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CB	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CD	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CE	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CG	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:H	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HB2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HB3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HD2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HD3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HE2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HE3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HG2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HG3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HZ1	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HZ2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HZ3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:N	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:NZ	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:O	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:C	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CB	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CD	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CG	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:H	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HB2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HB3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HE21	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HE22	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HG2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HG3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:N	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:NE2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:O	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:OE1	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:C	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CB	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CD	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CG	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:H	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HB2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HB3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HG2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HG3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:N	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:O	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:OE1	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:OE2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:C	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:CA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:CB	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:CG	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:H	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:HA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:HB2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:HB3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:N	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:O	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:OD1	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:OD2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:C	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CB	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CD	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CG	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:H	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HB2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HB3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HG2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HG3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:N	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:O	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:OE1	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:OE2	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:C	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CB	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CD2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CE1	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CG	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:H	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HB2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HB3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HD1	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HD2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HE1	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HE2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:N	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:ND1	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:NE2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:O	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:C	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:H	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:N	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:O	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:C	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CB	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CD	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CG	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CZ	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:H	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HB2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HB3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HD2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HD3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HE	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HG2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HG3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH11	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH12	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH21	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH22	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:N	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:NE	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:NH1	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:NH2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:O	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:C	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:H	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:N	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:O	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:C	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CB	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CD	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CG	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CZ	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:H	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HB2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HB3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HD2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HD3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HE	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HG2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HG3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH11	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH12	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH21	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH22	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:N	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:NE	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:NH1	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:NH2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:O	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:C	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:H	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:N	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:O	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:C	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:H	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:N	2	4.02
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:O	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:C	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CB	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CD	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CG	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:H	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HB2	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HB3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HE21	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HE22	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HG2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HG3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:N	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:NE2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:O	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:OE1	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:C	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:C	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:H	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:H	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HG	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:N	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:N	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:O	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:O	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:9:THR:C	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:9:THR:CA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:9:THR:CB	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:9:THR:CG2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:9:THR:H	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HB	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG1	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG21	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG22	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG23	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:9:THR:N	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:9:THR:O	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:9:THR:OG1	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:C	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:H	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:N	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:O	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:C	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAB	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAC	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAD	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAI	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAJ	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAO	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAR	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAS	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CB	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:H	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:HA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:HAA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:HB3	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:N	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:NAQ	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:O	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:OAH	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:SAL	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:SG	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:14:THR:C	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:14:THR:CA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:14:THR:CB	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:14:THR:CG2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:14:THR:H	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HB	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG1	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG21	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG22	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG23	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:14:THR:N	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:14:THR:O	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:14:THR:OG1	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:C	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:CA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:CB	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:CG	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:H	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:HA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:HB2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:HB3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:N	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:O	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:OD1	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:OD2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:C	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CB	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CD1	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CG1	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CG2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:H	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HB	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HD11	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HD12	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HD13	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG12	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG13	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG21	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG22	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG23	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:N	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:O	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:C	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:CA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:CB	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:H	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HB1	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HB2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HB3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:N	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:O	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:C	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:H	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:N	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:O	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:C	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CB	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CD	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CE	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CG	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:H	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HB2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HB3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HD2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HD3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HE2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HE3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HG2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HG3	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HZ1	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HZ2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HZ3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:N	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:NZ	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:O	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:C	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CB	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CD	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CG	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:H	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HB2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HB3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HE21	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HE22	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HG2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HG3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:N	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:NE2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:O	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:OE1	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:C	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CB	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CD	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CG	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:H	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HB2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HB3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HG2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HG3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:N	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:O	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:OE1	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:OE2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:C	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:CA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:CB	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:CG	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:H	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:HA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:HB2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:HB3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:N	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:O	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:OD1	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:OD2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:C	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CB	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CD	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CG	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:H	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HB2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HB3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HG2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HG3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:N	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:O	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:OE1	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:OE2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:C	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CB	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CD2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CE1	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CG	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:H	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HB2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HB3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HD1	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HD2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HE1	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HE2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:N	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:ND1	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:NE2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:O	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:C	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:H	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:N	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:O	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:C	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CB	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CD	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CG	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CZ	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:H	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HB2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HB3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HD2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HD3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HE	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HG2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HG3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH11	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH12	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH21	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH22	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:N	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:NE	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:NH1	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:NH2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:O	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:C	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:H	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:N	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:O	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:C	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CB	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CD	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CG	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CZ	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:H	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HB2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HB3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HD2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HD3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HE	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HG2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HG3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH11	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH12	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH21	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH22	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:N	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:NE	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:NH1	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:NH2	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:O	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:C	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:H	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:N	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:O	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:C	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:H	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:N	2	4.02
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:O	2	4.02
(1,19)	2:B:53:ASP:H	1:A:2:GLN:C	2	4.02
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CB	2	4.02
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CD	2	4.02
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CG	2	4.02
(1,19)	2:B:53:ASP:H	1:A:2:GLN:H	2	4.02
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HB2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HB3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HE21	2	4.02
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HE22	2	4.02
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HG2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HG3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:2:GLN:N	2	4.02
(1,19)	2:B:53:ASP:H	1:A:2:GLN:NE2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:2:GLN:O	2	4.02
(1,19)	2:B:53:ASP:H	1:A:2:GLN:OE1	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:C	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:C	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD2	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:H	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:H	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:N	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:N	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:O	2	4.02
(1,19)	2:B:53:ASP:H	1:A:8:LEU:O	2	4.02
(1,19)	2:B:53:ASP:H	1:A:9:THR:C	2	4.02
(1,19)	2:B:53:ASP:H	1:A:9:THR:CA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:9:THR:CB	2	4.02
(1,19)	2:B:53:ASP:H	1:A:9:THR:CG2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:9:THR:H	2	4.02
(1,19)	2:B:53:ASP:H	1:A:9:THR:HA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:9:THR:HB	2	4.02
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG1	2	4.02
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG21	2	4.02
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG22	2	4.02
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG23	2	4.02
(1,19)	2:B:53:ASP:H	1:A:9:THR:N	2	4.02
(1,19)	2:B:53:ASP:H	1:A:9:THR:O	2	4.02
(1,19)	2:B:53:ASP:H	1:A:9:THR:OG1	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:10:GLY:C	2	4.02
(1,19)	2:B:53:ASP:H	1:A:10:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:10:GLY:H	2	4.02
(1,19)	2:B:53:ASP:H	1:A:10:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:10:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:10:GLY:N	2	4.02
(1,19)	2:B:53:ASP:H	1:A:10:GLY:O	2	4.02
(1,19)	2:B:53:ASP:H	1:A:12:3X9:C	2	4.02
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAB	2	4.02
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAC	2	4.02
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAD	2	4.02
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAI	2	4.02
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAJ	2	4.02
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAO	2	4.02
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAR	2	4.02
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAS	2	4.02
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CB	2	4.02
(1,19)	2:B:53:ASP:H	1:A:12:3X9:H	2	4.02
(1,19)	2:B:53:ASP:H	1:A:12:3X9:HA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:12:3X9:HAA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:12:3X9:HB3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:12:3X9:N	2	4.02
(1,19)	2:B:53:ASP:H	1:A:12:3X9:NAQ	2	4.02
(1,19)	2:B:53:ASP:H	1:A:12:3X9:O	2	4.02
(1,19)	2:B:53:ASP:H	1:A:12:3X9:OAH	2	4.02
(1,19)	2:B:53:ASP:H	1:A:12:3X9:SAL	2	4.02
(1,19)	2:B:53:ASP:H	1:A:12:3X9:SG	2	4.02
(1,19)	2:B:53:ASP:H	1:A:14:THR:C	2	4.02
(1,19)	2:B:53:ASP:H	1:A:14:THR:CA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:14:THR:CB	2	4.02
(1,19)	2:B:53:ASP:H	1:A:14:THR:CG2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:14:THR:H	2	4.02
(1,19)	2:B:53:ASP:H	1:A:14:THR:HA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:14:THR:HB	2	4.02
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG1	2	4.02
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG21	2	4.02
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG22	2	4.02
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG23	2	4.02
(1,19)	2:B:53:ASP:H	1:A:14:THR:N	2	4.02
(1,19)	2:B:53:ASP:H	1:A:14:THR:O	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:14:THR:OG1	2	4.02
(1,19)	2:B:53:ASP:H	1:A:39:ASP:C	2	4.02
(1,19)	2:B:53:ASP:H	1:A:39:ASP:CA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:39:ASP:CB	2	4.02
(1,19)	2:B:53:ASP:H	1:A:39:ASP:CG	2	4.02
(1,19)	2:B:53:ASP:H	1:A:39:ASP:H	2	4.02
(1,19)	2:B:53:ASP:H	1:A:39:ASP:HA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:39:ASP:HB2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:39:ASP:HB3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:39:ASP:N	2	4.02
(1,19)	2:B:53:ASP:H	1:A:39:ASP:O	2	4.02
(1,19)	2:B:53:ASP:H	1:A:39:ASP:OD1	2	4.02
(1,19)	2:B:53:ASP:H	1:A:39:ASP:OD2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:44:ILE:C	2	4.02
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CB	2	4.02
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CD1	2	4.02
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CG1	2	4.02
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CG2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:44:ILE:H	2	4.02
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HB	2	4.02
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HD11	2	4.02
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HD12	2	4.02
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HD13	2	4.02
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG12	2	4.02
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG13	2	4.02
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG21	2	4.02
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG22	2	4.02
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG23	2	4.02
(1,19)	2:B:53:ASP:H	1:A:44:ILE:N	2	4.02
(1,19)	2:B:53:ASP:H	1:A:44:ILE:O	2	4.02
(1,19)	2:B:53:ASP:H	1:A:46:ALA:C	2	4.02
(1,19)	2:B:53:ASP:H	1:A:46:ALA:CA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:46:ALA:CB	2	4.02
(1,19)	2:B:53:ASP:H	1:A:46:ALA:H	2	4.02
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HB1	2	4.02
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HB2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HB3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:46:ALA:N	2	4.02
(1,19)	2:B:53:ASP:H	1:A:46:ALA:O	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:47:GLY:C	2	4.02
(1,19)	2:B:53:ASP:H	1:A:47:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:47:GLY:H	2	4.02
(1,19)	2:B:53:ASP:H	1:A:47:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:47:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:47:GLY:N	2	4.02
(1,19)	2:B:53:ASP:H	1:A:47:GLY:O	2	4.02
(1,19)	2:B:53:ASP:H	1:A:48:LYS:C	2	4.02
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CB	2	4.02
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CD	2	4.02
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CE	2	4.02
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CG	2	4.02
(1,19)	2:B:53:ASP:H	1:A:48:LYS:H	2	4.02
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HB2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HB3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HD2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HD3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HE2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HE3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HG2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HG3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HZ1	2	4.02
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HZ2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HZ3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:48:LYS:N	2	4.02
(1,19)	2:B:53:ASP:H	1:A:48:LYS:NZ	2	4.02
(1,19)	2:B:53:ASP:H	1:A:48:LYS:O	2	4.02
(1,19)	2:B:53:ASP:H	1:A:49:GLN:C	2	4.02
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CB	2	4.02
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CD	2	4.02
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CG	2	4.02
(1,19)	2:B:53:ASP:H	1:A:49:GLN:H	2	4.02
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HB2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HB3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HE21	2	4.02
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HE22	2	4.02
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HG2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HG3	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:49:GLN:N	2	4.02
(1,19)	2:B:53:ASP:H	1:A:49:GLN:NE2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:49:GLN:O	2	4.02
(1,19)	2:B:53:ASP:H	1:A:49:GLN:OE1	2	4.02
(1,19)	2:B:53:ASP:H	1:A:51:GLU:C	2	4.02
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CB	2	4.02
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CD	2	4.02
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CG	2	4.02
(1,19)	2:B:53:ASP:H	1:A:51:GLU:H	2	4.02
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HB2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HB3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HG2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HG3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:51:GLU:N	2	4.02
(1,19)	2:B:53:ASP:H	1:A:51:GLU:O	2	4.02
(1,19)	2:B:53:ASP:H	1:A:51:GLU:OE1	2	4.02
(1,19)	2:B:53:ASP:H	1:A:51:GLU:OE2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:52:ASP:C	2	4.02
(1,19)	2:B:53:ASP:H	1:A:52:ASP:CA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:52:ASP:CB	2	4.02
(1,19)	2:B:53:ASP:H	1:A:52:ASP:CG	2	4.02
(1,19)	2:B:53:ASP:H	1:A:52:ASP:H	2	4.02
(1,19)	2:B:53:ASP:H	1:A:52:ASP:HA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:52:ASP:HB2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:52:ASP:HB3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:52:ASP:N	2	4.02
(1,19)	2:B:53:ASP:H	1:A:52:ASP:O	2	4.02
(1,19)	2:B:53:ASP:H	1:A:52:ASP:OD1	2	4.02
(1,19)	2:B:53:ASP:H	1:A:52:ASP:OD2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:64:GLU:C	2	4.02
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CB	2	4.02
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CD	2	4.02
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CG	2	4.02
(1,19)	2:B:53:ASP:H	1:A:64:GLU:H	2	4.02
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HB2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HB3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HG2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HG3	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:64:GLU:N	2	4.02
(1,19)	2:B:53:ASP:H	1:A:64:GLU:O	2	4.02
(1,19)	2:B:53:ASP:H	1:A:64:GLU:OE1	2	4.02
(1,19)	2:B:53:ASP:H	1:A:64:GLU:OE2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:68:HIS:C	2	4.02
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CB	2	4.02
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CD2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CE1	2	4.02
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CG	2	4.02
(1,19)	2:B:53:ASP:H	1:A:68:HIS:H	2	4.02
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HB2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HB3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HD1	2	4.02
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HD2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HE1	2	4.02
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HE2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:68:HIS:N	2	4.02
(1,19)	2:B:53:ASP:H	1:A:68:HIS:ND1	2	4.02
(1,19)	2:B:53:ASP:H	1:A:68:HIS:NE2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:68:HIS:O	2	4.02
(1,19)	2:B:53:ASP:H	1:A:71:LEU:C	2	4.02
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:H	1:A:71:LEU:H	2	4.02
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:H	1:A:71:LEU:N	2	4.02
(1,19)	2:B:53:ASP:H	1:A:71:LEU:O	2	4.02
(1,19)	2:B:53:ASP:H	1:A:72:ARG:C	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CB	2	4.02
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CD	2	4.02
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CG	2	4.02
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CZ	2	4.02
(1,19)	2:B:53:ASP:H	1:A:72:ARG:H	2	4.02
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HB2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HB3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HD2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HD3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HE	2	4.02
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HG2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HG3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH11	2	4.02
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH12	2	4.02
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH21	2	4.02
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH22	2	4.02
(1,19)	2:B:53:ASP:H	1:A:72:ARG:N	2	4.02
(1,19)	2:B:53:ASP:H	1:A:72:ARG:NE	2	4.02
(1,19)	2:B:53:ASP:H	1:A:72:ARG:NH1	2	4.02
(1,19)	2:B:53:ASP:H	1:A:72:ARG:NH2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:72:ARG:O	2	4.02
(1,19)	2:B:53:ASP:H	1:A:73:LEU:C	2	4.02
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:H	1:A:73:LEU:H	2	4.02
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:H	1:A:73:LEU:N	2	4.02
(1,19)	2:B:53:ASP:H	1:A:73:LEU:O	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:74:ARG:C	2	4.02
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CB	2	4.02
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CD	2	4.02
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CG	2	4.02
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CZ	2	4.02
(1,19)	2:B:53:ASP:H	1:A:74:ARG:H	2	4.02
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HB2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HB3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HD2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HD3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HE	2	4.02
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HG2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HG3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH11	2	4.02
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH12	2	4.02
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH21	2	4.02
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH22	2	4.02
(1,19)	2:B:53:ASP:H	1:A:74:ARG:N	2	4.02
(1,19)	2:B:53:ASP:H	1:A:74:ARG:NE	2	4.02
(1,19)	2:B:53:ASP:H	1:A:74:ARG:NH1	2	4.02
(1,19)	2:B:53:ASP:H	1:A:74:ARG:NH2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:74:ARG:O	2	4.02
(1,19)	2:B:53:ASP:H	1:A:75:GLY:C	2	4.02
(1,19)	2:B:53:ASP:H	1:A:75:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:75:GLY:H	2	4.02
(1,19)	2:B:53:ASP:H	1:A:75:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:75:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:75:GLY:N	2	4.02
(1,19)	2:B:53:ASP:H	1:A:75:GLY:O	2	4.02
(1,19)	2:B:53:ASP:H	1:A:76:GLY:C	2	4.02
(1,19)	2:B:53:ASP:H	1:A:76:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:H	1:A:76:GLY:H	2	4.02
(1,19)	2:B:53:ASP:H	1:A:76:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:H	1:A:76:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:H	1:A:76:GLY:N	2	4.02
(1,19)	2:B:53:ASP:H	1:A:76:GLY:O	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:C	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CB	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CD	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CG	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:H	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HB2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HB3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HE21	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HE22	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HG2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HG3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:N	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:NE2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:O	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:OE1	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:C	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:C	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:H	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:H	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD22	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:N	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:N	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:O	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:O	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:9:THR:C	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:9:THR:CA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:9:THR:CB	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:9:THR:CG2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:9:THR:H	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HB	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG1	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG21	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG22	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG23	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:9:THR:N	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:9:THR:O	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:9:THR:OG1	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:C	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:H	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:N	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:O	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:C	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAB	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAC	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAD	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAI	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAJ	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAO	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAR	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAS	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CB	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:H	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:HA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:HAA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:HB3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:N	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:NAQ	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:O	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:OAH	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:SAL	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:SG	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:14:THR:C	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:14:THR:CA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:14:THR:CB	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:14:THR:CG2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:14:THR:H	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HB	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG1	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG21	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG22	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG23	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:14:THR:N	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:14:THR:O	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:14:THR:OG1	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:C	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:CA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:CB	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:CG	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:H	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:HA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:HB2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:HB3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:N	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:O	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:OD1	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:OD2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:C	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CB	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CD1	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CG1	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CG2	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:H	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HB	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HD11	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HD12	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HD13	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG12	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG13	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG21	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG22	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG23	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:N	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:O	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:C	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:CA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:CB	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:H	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HB1	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HB2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HB3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:N	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:O	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:C	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:H	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:N	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:O	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:C	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CB	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CD	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CE	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CG	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:H	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HB2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HB3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HD2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HD3	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HE2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HE3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HG2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HG3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HZ1	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HZ2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HZ3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:N	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:NZ	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:O	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:C	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CB	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CD	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CG	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:H	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HB2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HB3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HE21	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HE22	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HG2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HG3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:N	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:NE2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:O	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:OE1	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:C	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CB	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CD	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CG	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:H	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HB2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HB3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HG2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HG3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:N	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:O	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:OE1	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:OE2	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:C	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:CA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:CB	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:CG	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:H	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:HA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:HB2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:HB3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:N	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:O	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:OD1	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:OD2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:C	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CB	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CD	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CG	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:H	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HB2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HB3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HG2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HG3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:N	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:O	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:OE1	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:OE2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:C	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CB	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CD2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CE1	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CG	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:H	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HB2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HB3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HD1	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HD2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HE1	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HE2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:N	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:ND1	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:NE2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:O	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:C	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:H	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:N	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:O	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:C	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CB	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CD	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CG	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CZ	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:H	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HB2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HB3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HD2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HD3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HE	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HG2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HG3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH11	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH12	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH21	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH22	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:N	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:NE	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:NH1	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:NH2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:O	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:C	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:H	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:N	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:O	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:C	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CB	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CD	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CG	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CZ	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:H	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HB2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HB3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HD2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HD3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HE	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HG2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HG3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH11	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH12	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH21	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH22	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:N	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:NE	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:NH1	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:NH2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:O	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:C	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:H	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:N	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:O	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:C	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:H	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:N	2	4.02
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:O	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:C	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CB	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CD	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CG	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:H	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HB2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HB3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HE21	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HE22	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HG2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HG3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:N	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:NE2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:O	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:OE1	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:C	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:C	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CB	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:H	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:H	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:N	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:N	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:O	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:O	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:C	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:CA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:CB	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:CG2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:H	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HB	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG1	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG21	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG22	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG23	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:N	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:O	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:OG1	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:C	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:H	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:N	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:O	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:C	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAB	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAC	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAD	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAI	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAJ	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAO	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAR	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAS	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CB	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:H	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:HA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:HAA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:HB3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:N	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:NAQ	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:O	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:OAH	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:SAL	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:SG	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:C	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:CA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:CB	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:CG2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:H	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HB	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG1	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG21	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG22	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG23	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:N	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:O	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:OG1	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:C	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:CA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:CB	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:CG	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:H	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:HA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:HB2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:HB3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:N	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:O	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:OD1	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:OD2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:C	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CB	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CD1	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CG1	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CG2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:H	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HB	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HD11	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HD12	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HD13	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG12	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG13	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG21	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG22	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG23	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:N	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:O	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:C	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:CA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:CB	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:H	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HB1	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HB2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HB3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:N	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:O	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:C	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:H	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:N	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:O	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:C	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CB	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CD	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CE	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CG	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:H	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HB2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HB3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HD2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HD3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HE2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HE3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HG2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HG3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HZ1	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HZ2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HZ3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:N	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:NZ	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:O	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:C	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CB	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CD	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CG	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:H	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HB2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HB3	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HE21	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HE22	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HG2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HG3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:N	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:NE2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:O	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:OE1	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:C	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CB	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CD	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CG	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:H	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HB2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HB3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HG2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HG3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:N	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:O	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:OE1	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:OE2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:C	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:CA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:CB	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:CG	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:H	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:HA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:HB2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:HB3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:N	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:O	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:OD1	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:OD2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:C	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CB	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CD	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CG	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:H	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HA	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HB2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HB3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HG2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HG3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:N	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:O	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:OE1	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:OE2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:C	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CB	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CD2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CE1	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CG	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:H	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HB2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HB3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HD1	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HD2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HE1	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HE2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:N	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:ND1	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:NE2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:O	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:C	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:H	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD23	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:N	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:O	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:C	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CB	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CD	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CG	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CZ	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:H	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HB2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HB3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HD2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HD3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HE	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HG2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HG3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH11	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH12	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH21	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH22	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:N	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:NE	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:NH1	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:NH2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:O	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:C	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:H	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD22	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:N	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:O	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:C	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CB	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CD	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CG	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CZ	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:H	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HB2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HB3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HD2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HD3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HE	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HG2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HG3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH11	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH12	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH21	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH22	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:N	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:NE	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:NH1	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:NH2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:O	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:C	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:H	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:N	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:O	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:C	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:H	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:N	2	4.02
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:O	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:C	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CB	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CD	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CG	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:H	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HB2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HB3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HE21	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HE22	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HG2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HG3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:N	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:NE2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:O	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:OE1	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:C	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:C	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:H	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:H	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD13	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:N	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:N	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:O	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:O	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:C	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:CA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:CB	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:CG2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:H	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HB	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG1	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG21	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG22	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG23	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:N	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:O	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:OG1	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:C	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:H	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:N	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:O	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:C	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAB	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAC	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAD	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAI	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAJ	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAO	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAR	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAS	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CB	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:H	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:HA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:HAA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:HB3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:N	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:NAQ	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:O	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:OAH	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:SAL	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:SG	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:C	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:CA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:CB	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:CG2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:H	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HB	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG1	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG21	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG22	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG23	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:N	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:O	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:OG1	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:C	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:CA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:CB	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:CG	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:H	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:HA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:HB2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:HB3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:N	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:O	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:OD1	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:OD2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:C	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CA	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CB	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CD1	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CG1	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CG2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:H	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HB	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HD11	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HD12	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HD13	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG12	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG13	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG21	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG22	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG23	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:N	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:O	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:C	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:CA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:CB	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:H	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HB1	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HB2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HB3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:N	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:O	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:C	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:H	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:N	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:O	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:C	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CB	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CD	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CE	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CG	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:H	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HA	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HB2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HB3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HD2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HD3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HE2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HE3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HG2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HG3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HZ1	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HZ2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HZ3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:N	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:NZ	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:O	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:C	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CB	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CD	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CG	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:H	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HB2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HB3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HE21	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HE22	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HG2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HG3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:N	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:NE2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:O	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:OE1	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:C	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CB	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CD	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CG	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:H	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HB2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HB3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HG2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HG3	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:N	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:O	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:OE1	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:OE2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:C	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:CA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:CB	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:CG	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:H	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:HA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:HB2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:HB3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:N	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:O	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:OD1	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:OD2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:C	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CB	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CD	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CG	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:H	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HB2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HB3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HG2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HG3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:N	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:O	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:OE1	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:OE2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:C	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CB	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CD2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CE1	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CG	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:H	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HB2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HB3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HD1	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HD2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HE1	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HE2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:N	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:ND1	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:NE2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:O	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:C	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:H	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:N	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:O	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:C	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CB	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CD	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CG	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CZ	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:H	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HB2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HB3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HD2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HD3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HE	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HG2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HG3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH11	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH12	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH21	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH22	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:N	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:NE	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:NH1	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:NH2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:O	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:C	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:H	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:N	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:O	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:C	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CB	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CD	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CG	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CZ	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:H	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HB2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HB3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HD2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HD3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HE	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HG2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HG3	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH11	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH12	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH21	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH22	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:N	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:NE	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:NH1	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:NH2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:O	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:C	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:H	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:N	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:O	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:C	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:H	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:N	2	4.02
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:O	2	4.02
(1,19)	2:B:53:ASP:N	1:A:2:GLN:C	2	4.02
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CB	2	4.02
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CD	2	4.02
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CG	2	4.02
(1,19)	2:B:53:ASP:N	1:A:2:GLN:H	2	4.02
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HB2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HB3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HE21	2	4.02
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HE22	2	4.02
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HG2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HG3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:2:GLN:N	2	4.02
(1,19)	2:B:53:ASP:N	1:A:2:GLN:NE2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:2:GLN:O	2	4.02
(1,19)	2:B:53:ASP:N	1:A:2:GLN:OE1	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:C	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:C	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:H	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:H	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:N	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:N	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:O	2	4.02
(1,19)	2:B:53:ASP:N	1:A:8:LEU:O	2	4.02
(1,19)	2:B:53:ASP:N	1:A:9:THR:C	2	4.02
(1,19)	2:B:53:ASP:N	1:A:9:THR:CA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:9:THR:CB	2	4.02
(1,19)	2:B:53:ASP:N	1:A:9:THR:CG2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:9:THR:H	2	4.02
(1,19)	2:B:53:ASP:N	1:A:9:THR:HA	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:9:THR:HB	2	4.02
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG1	2	4.02
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG21	2	4.02
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG22	2	4.02
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG23	2	4.02
(1,19)	2:B:53:ASP:N	1:A:9:THR:N	2	4.02
(1,19)	2:B:53:ASP:N	1:A:9:THR:O	2	4.02
(1,19)	2:B:53:ASP:N	1:A:9:THR:OG1	2	4.02
(1,19)	2:B:53:ASP:N	1:A:10:GLY:C	2	4.02
(1,19)	2:B:53:ASP:N	1:A:10:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:10:GLY:H	2	4.02
(1,19)	2:B:53:ASP:N	1:A:10:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:10:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:10:GLY:N	2	4.02
(1,19)	2:B:53:ASP:N	1:A:10:GLY:O	2	4.02
(1,19)	2:B:53:ASP:N	1:A:12:3X9:C	2	4.02
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAB	2	4.02
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAC	2	4.02
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAD	2	4.02
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAI	2	4.02
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAJ	2	4.02
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAO	2	4.02
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAR	2	4.02
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAS	2	4.02
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CB	2	4.02
(1,19)	2:B:53:ASP:N	1:A:12:3X9:H	2	4.02
(1,19)	2:B:53:ASP:N	1:A:12:3X9:HA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:12:3X9:HAA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:12:3X9:HB3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:12:3X9:N	2	4.02
(1,19)	2:B:53:ASP:N	1:A:12:3X9:NAQ	2	4.02
(1,19)	2:B:53:ASP:N	1:A:12:3X9:O	2	4.02
(1,19)	2:B:53:ASP:N	1:A:12:3X9:OAH	2	4.02
(1,19)	2:B:53:ASP:N	1:A:12:3X9:SAL	2	4.02
(1,19)	2:B:53:ASP:N	1:A:12:3X9:SG	2	4.02
(1,19)	2:B:53:ASP:N	1:A:14:THR:C	2	4.02
(1,19)	2:B:53:ASP:N	1:A:14:THR:CA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:14:THR:CB	2	4.02
(1,19)	2:B:53:ASP:N	1:A:14:THR:CG2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:14:THR:H	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:14:THR:HA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:14:THR:HB	2	4.02
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG1	2	4.02
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG21	2	4.02
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG22	2	4.02
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG23	2	4.02
(1,19)	2:B:53:ASP:N	1:A:14:THR:N	2	4.02
(1,19)	2:B:53:ASP:N	1:A:14:THR:O	2	4.02
(1,19)	2:B:53:ASP:N	1:A:14:THR:OG1	2	4.02
(1,19)	2:B:53:ASP:N	1:A:39:ASP:C	2	4.02
(1,19)	2:B:53:ASP:N	1:A:39:ASP:CA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:39:ASP:CB	2	4.02
(1,19)	2:B:53:ASP:N	1:A:39:ASP:CG	2	4.02
(1,19)	2:B:53:ASP:N	1:A:39:ASP:H	2	4.02
(1,19)	2:B:53:ASP:N	1:A:39:ASP:HA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:39:ASP:HB2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:39:ASP:HB3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:39:ASP:N	2	4.02
(1,19)	2:B:53:ASP:N	1:A:39:ASP:O	2	4.02
(1,19)	2:B:53:ASP:N	1:A:39:ASP:OD1	2	4.02
(1,19)	2:B:53:ASP:N	1:A:39:ASP:OD2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:44:ILE:C	2	4.02
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CB	2	4.02
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CD1	2	4.02
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CG1	2	4.02
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CG2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:44:ILE:H	2	4.02
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HB	2	4.02
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HD11	2	4.02
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HD12	2	4.02
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HD13	2	4.02
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG12	2	4.02
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG13	2	4.02
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG21	2	4.02
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG22	2	4.02
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG23	2	4.02
(1,19)	2:B:53:ASP:N	1:A:44:ILE:N	2	4.02
(1,19)	2:B:53:ASP:N	1:A:44:ILE:O	2	4.02
(1,19)	2:B:53:ASP:N	1:A:46:ALA:C	2	4.02
(1,19)	2:B:53:ASP:N	1:A:46:ALA:CA	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:46:ALA:CB	2	4.02
(1,19)	2:B:53:ASP:N	1:A:46:ALA:H	2	4.02
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HB1	2	4.02
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HB2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HB3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:46:ALA:N	2	4.02
(1,19)	2:B:53:ASP:N	1:A:46:ALA:O	2	4.02
(1,19)	2:B:53:ASP:N	1:A:47:GLY:C	2	4.02
(1,19)	2:B:53:ASP:N	1:A:47:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:47:GLY:H	2	4.02
(1,19)	2:B:53:ASP:N	1:A:47:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:47:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:47:GLY:N	2	4.02
(1,19)	2:B:53:ASP:N	1:A:47:GLY:O	2	4.02
(1,19)	2:B:53:ASP:N	1:A:48:LYS:C	2	4.02
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CB	2	4.02
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CD	2	4.02
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CE	2	4.02
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CG	2	4.02
(1,19)	2:B:53:ASP:N	1:A:48:LYS:H	2	4.02
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HB2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HB3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HD2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HD3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HE2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HE3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HG2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HG3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HZ1	2	4.02
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HZ2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HZ3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:48:LYS:N	2	4.02
(1,19)	2:B:53:ASP:N	1:A:48:LYS:NZ	2	4.02
(1,19)	2:B:53:ASP:N	1:A:48:LYS:O	2	4.02
(1,19)	2:B:53:ASP:N	1:A:49:GLN:C	2	4.02
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CB	2	4.02
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CD	2	4.02
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CG	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:49:GLN:H	2	4.02
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HB2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HB3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HE21	2	4.02
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HE22	2	4.02
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HG2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HG3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:49:GLN:N	2	4.02
(1,19)	2:B:53:ASP:N	1:A:49:GLN:NE2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:49:GLN:O	2	4.02
(1,19)	2:B:53:ASP:N	1:A:49:GLN:OE1	2	4.02
(1,19)	2:B:53:ASP:N	1:A:51:GLU:C	2	4.02
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CB	2	4.02
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CD	2	4.02
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CG	2	4.02
(1,19)	2:B:53:ASP:N	1:A:51:GLU:H	2	4.02
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HB2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HB3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HG2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HG3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:51:GLU:N	2	4.02
(1,19)	2:B:53:ASP:N	1:A:51:GLU:O	2	4.02
(1,19)	2:B:53:ASP:N	1:A:51:GLU:OE1	2	4.02
(1,19)	2:B:53:ASP:N	1:A:51:GLU:OE2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:52:ASP:C	2	4.02
(1,19)	2:B:53:ASP:N	1:A:52:ASP:CA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:52:ASP:CB	2	4.02
(1,19)	2:B:53:ASP:N	1:A:52:ASP:CG	2	4.02
(1,19)	2:B:53:ASP:N	1:A:52:ASP:H	2	4.02
(1,19)	2:B:53:ASP:N	1:A:52:ASP:HA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:52:ASP:HB2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:52:ASP:HB3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:52:ASP:N	2	4.02
(1,19)	2:B:53:ASP:N	1:A:52:ASP:O	2	4.02
(1,19)	2:B:53:ASP:N	1:A:52:ASP:OD1	2	4.02
(1,19)	2:B:53:ASP:N	1:A:52:ASP:OD2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:64:GLU:C	2	4.02
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CB	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CD	2	4.02
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CG	2	4.02
(1,19)	2:B:53:ASP:N	1:A:64:GLU:H	2	4.02
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HB2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HB3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HG2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HG3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:64:GLU:N	2	4.02
(1,19)	2:B:53:ASP:N	1:A:64:GLU:O	2	4.02
(1,19)	2:B:53:ASP:N	1:A:64:GLU:OE1	2	4.02
(1,19)	2:B:53:ASP:N	1:A:64:GLU:OE2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:68:HIS:C	2	4.02
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CB	2	4.02
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CD2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CE1	2	4.02
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CG	2	4.02
(1,19)	2:B:53:ASP:N	1:A:68:HIS:H	2	4.02
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HB2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HB3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HD1	2	4.02
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HD2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HE1	2	4.02
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HE2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:68:HIS:N	2	4.02
(1,19)	2:B:53:ASP:N	1:A:68:HIS:ND1	2	4.02
(1,19)	2:B:53:ASP:N	1:A:68:HIS:NE2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:68:HIS:O	2	4.02
(1,19)	2:B:53:ASP:N	1:A:71:LEU:C	2	4.02
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:N	1:A:71:LEU:H	2	4.02
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD12	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:N	1:A:71:LEU:N	2	4.02
(1,19)	2:B:53:ASP:N	1:A:71:LEU:O	2	4.02
(1,19)	2:B:53:ASP:N	1:A:72:ARG:C	2	4.02
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CB	2	4.02
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CD	2	4.02
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CG	2	4.02
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CZ	2	4.02
(1,19)	2:B:53:ASP:N	1:A:72:ARG:H	2	4.02
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HB2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HB3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HD2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HD3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HE	2	4.02
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HG2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HG3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH11	2	4.02
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH12	2	4.02
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH21	2	4.02
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH22	2	4.02
(1,19)	2:B:53:ASP:N	1:A:72:ARG:N	2	4.02
(1,19)	2:B:53:ASP:N	1:A:72:ARG:NE	2	4.02
(1,19)	2:B:53:ASP:N	1:A:72:ARG:NH1	2	4.02
(1,19)	2:B:53:ASP:N	1:A:72:ARG:NH2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:72:ARG:O	2	4.02
(1,19)	2:B:53:ASP:N	1:A:73:LEU:C	2	4.02
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:N	1:A:73:LEU:H	2	4.02
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD11	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:N	1:A:73:LEU:N	2	4.02
(1,19)	2:B:53:ASP:N	1:A:73:LEU:O	2	4.02
(1,19)	2:B:53:ASP:N	1:A:74:ARG:C	2	4.02
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CB	2	4.02
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CD	2	4.02
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CG	2	4.02
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CZ	2	4.02
(1,19)	2:B:53:ASP:N	1:A:74:ARG:H	2	4.02
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HB2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HB3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HD2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HD3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HE	2	4.02
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HG2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HG3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH11	2	4.02
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH12	2	4.02
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH21	2	4.02
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH22	2	4.02
(1,19)	2:B:53:ASP:N	1:A:74:ARG:N	2	4.02
(1,19)	2:B:53:ASP:N	1:A:74:ARG:NE	2	4.02
(1,19)	2:B:53:ASP:N	1:A:74:ARG:NH1	2	4.02
(1,19)	2:B:53:ASP:N	1:A:74:ARG:NH2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:74:ARG:O	2	4.02
(1,19)	2:B:53:ASP:N	1:A:75:GLY:C	2	4.02
(1,19)	2:B:53:ASP:N	1:A:75:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:75:GLY:H	2	4.02
(1,19)	2:B:53:ASP:N	1:A:75:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:75:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:75:GLY:N	2	4.02
(1,19)	2:B:53:ASP:N	1:A:75:GLY:O	2	4.02
(1,19)	2:B:53:ASP:N	1:A:76:GLY:C	2	4.02
(1,19)	2:B:53:ASP:N	1:A:76:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:N	1:A:76:GLY:H	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:76:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:N	1:A:76:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:N	1:A:76:GLY:N	2	4.02
(1,19)	2:B:53:ASP:N	1:A:76:GLY:O	2	4.02
(1,19)	2:B:53:ASP:O	1:A:2:GLN:C	2	4.02
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CB	2	4.02
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CD	2	4.02
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CG	2	4.02
(1,19)	2:B:53:ASP:O	1:A:2:GLN:H	2	4.02
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HB2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HB3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HE21	2	4.02
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HE22	2	4.02
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HG2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HG3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:2:GLN:N	2	4.02
(1,19)	2:B:53:ASP:O	1:A:2:GLN:NE2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:2:GLN:O	2	4.02
(1,19)	2:B:53:ASP:O	1:A:2:GLN:OE1	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:C	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:C	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:H	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:H	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD11	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:N	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:N	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:O	2	4.02
(1,19)	2:B:53:ASP:O	1:A:8:LEU:O	2	4.02
(1,19)	2:B:53:ASP:O	1:A:9:THR:C	2	4.02
(1,19)	2:B:53:ASP:O	1:A:9:THR:CA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:9:THR:CB	2	4.02
(1,19)	2:B:53:ASP:O	1:A:9:THR:CG2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:9:THR:H	2	4.02
(1,19)	2:B:53:ASP:O	1:A:9:THR:HA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:9:THR:HB	2	4.02
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG1	2	4.02
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG21	2	4.02
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG22	2	4.02
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG23	2	4.02
(1,19)	2:B:53:ASP:O	1:A:9:THR:N	2	4.02
(1,19)	2:B:53:ASP:O	1:A:9:THR:O	2	4.02
(1,19)	2:B:53:ASP:O	1:A:9:THR:OG1	2	4.02
(1,19)	2:B:53:ASP:O	1:A:10:GLY:C	2	4.02
(1,19)	2:B:53:ASP:O	1:A:10:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:10:GLY:H	2	4.02
(1,19)	2:B:53:ASP:O	1:A:10:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:10:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:10:GLY:N	2	4.02
(1,19)	2:B:53:ASP:O	1:A:10:GLY:O	2	4.02
(1,19)	2:B:53:ASP:O	1:A:12:3X9:C	2	4.02
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAB	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAC	2	4.02
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAD	2	4.02
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAI	2	4.02
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAJ	2	4.02
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAO	2	4.02
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAR	2	4.02
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAS	2	4.02
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CB	2	4.02
(1,19)	2:B:53:ASP:O	1:A:12:3X9:H	2	4.02
(1,19)	2:B:53:ASP:O	1:A:12:3X9:HA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:12:3X9:HAA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:12:3X9:HB3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:12:3X9:N	2	4.02
(1,19)	2:B:53:ASP:O	1:A:12:3X9:NAQ	2	4.02
(1,19)	2:B:53:ASP:O	1:A:12:3X9:O	2	4.02
(1,19)	2:B:53:ASP:O	1:A:12:3X9:OAH	2	4.02
(1,19)	2:B:53:ASP:O	1:A:12:3X9:SAL	2	4.02
(1,19)	2:B:53:ASP:O	1:A:12:3X9:SG	2	4.02
(1,19)	2:B:53:ASP:O	1:A:14:THR:C	2	4.02
(1,19)	2:B:53:ASP:O	1:A:14:THR:CA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:14:THR:CB	2	4.02
(1,19)	2:B:53:ASP:O	1:A:14:THR:CG2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:14:THR:H	2	4.02
(1,19)	2:B:53:ASP:O	1:A:14:THR:HA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:14:THR:HB	2	4.02
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG1	2	4.02
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG21	2	4.02
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG22	2	4.02
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG23	2	4.02
(1,19)	2:B:53:ASP:O	1:A:14:THR:N	2	4.02
(1,19)	2:B:53:ASP:O	1:A:14:THR:O	2	4.02
(1,19)	2:B:53:ASP:O	1:A:14:THR:OG1	2	4.02
(1,19)	2:B:53:ASP:O	1:A:39:ASP:C	2	4.02
(1,19)	2:B:53:ASP:O	1:A:39:ASP:CA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:39:ASP:CB	2	4.02
(1,19)	2:B:53:ASP:O	1:A:39:ASP:CG	2	4.02
(1,19)	2:B:53:ASP:O	1:A:39:ASP:H	2	4.02
(1,19)	2:B:53:ASP:O	1:A:39:ASP:HA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:39:ASP:HB2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:39:ASP:HB3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:39:ASP:N	2	4.02
(1,19)	2:B:53:ASP:O	1:A:39:ASP:O	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:39:ASP:OD1	2	4.02
(1,19)	2:B:53:ASP:O	1:A:39:ASP:OD2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:44:ILE:C	2	4.02
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CB	2	4.02
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CD1	2	4.02
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CG1	2	4.02
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CG2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:44:ILE:H	2	4.02
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HB	2	4.02
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HD11	2	4.02
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HD12	2	4.02
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HD13	2	4.02
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG12	2	4.02
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG13	2	4.02
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG21	2	4.02
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG22	2	4.02
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG23	2	4.02
(1,19)	2:B:53:ASP:O	1:A:44:ILE:N	2	4.02
(1,19)	2:B:53:ASP:O	1:A:44:ILE:O	2	4.02
(1,19)	2:B:53:ASP:O	1:A:46:ALA:C	2	4.02
(1,19)	2:B:53:ASP:O	1:A:46:ALA:CA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:46:ALA:CB	2	4.02
(1,19)	2:B:53:ASP:O	1:A:46:ALA:H	2	4.02
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HB1	2	4.02
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HB2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HB3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:46:ALA:N	2	4.02
(1,19)	2:B:53:ASP:O	1:A:46:ALA:O	2	4.02
(1,19)	2:B:53:ASP:O	1:A:47:GLY:C	2	4.02
(1,19)	2:B:53:ASP:O	1:A:47:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:47:GLY:H	2	4.02
(1,19)	2:B:53:ASP:O	1:A:47:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:47:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:47:GLY:N	2	4.02
(1,19)	2:B:53:ASP:O	1:A:47:GLY:O	2	4.02
(1,19)	2:B:53:ASP:O	1:A:48:LYS:C	2	4.02
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CB	2	4.02
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CD	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CE	2	4.02
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CG	2	4.02
(1,19)	2:B:53:ASP:O	1:A:48:LYS:H	2	4.02
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HB2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HB3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HD2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HD3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HE2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HE3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HG2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HG3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HZ1	2	4.02
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HZ2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HZ3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:48:LYS:N	2	4.02
(1,19)	2:B:53:ASP:O	1:A:48:LYS:NZ	2	4.02
(1,19)	2:B:53:ASP:O	1:A:48:LYS:O	2	4.02
(1,19)	2:B:53:ASP:O	1:A:49:GLN:C	2	4.02
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CB	2	4.02
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CD	2	4.02
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CG	2	4.02
(1,19)	2:B:53:ASP:O	1:A:49:GLN:H	2	4.02
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HB2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HB3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HE21	2	4.02
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HE22	2	4.02
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HG2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HG3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:49:GLN:N	2	4.02
(1,19)	2:B:53:ASP:O	1:A:49:GLN:NE2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:49:GLN:O	2	4.02
(1,19)	2:B:53:ASP:O	1:A:49:GLN:OE1	2	4.02
(1,19)	2:B:53:ASP:O	1:A:51:GLU:C	2	4.02
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CB	2	4.02
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CD	2	4.02
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CG	2	4.02
(1,19)	2:B:53:ASP:O	1:A:51:GLU:H	2	4.02
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HA	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HB2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HB3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HG2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HG3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:51:GLU:N	2	4.02
(1,19)	2:B:53:ASP:O	1:A:51:GLU:O	2	4.02
(1,19)	2:B:53:ASP:O	1:A:51:GLU:OE1	2	4.02
(1,19)	2:B:53:ASP:O	1:A:51:GLU:OE2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:52:ASP:C	2	4.02
(1,19)	2:B:53:ASP:O	1:A:52:ASP:CA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:52:ASP:CB	2	4.02
(1,19)	2:B:53:ASP:O	1:A:52:ASP:CG	2	4.02
(1,19)	2:B:53:ASP:O	1:A:52:ASP:H	2	4.02
(1,19)	2:B:53:ASP:O	1:A:52:ASP:HA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:52:ASP:HB2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:52:ASP:HB3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:52:ASP:N	2	4.02
(1,19)	2:B:53:ASP:O	1:A:52:ASP:O	2	4.02
(1,19)	2:B:53:ASP:O	1:A:52:ASP:OD1	2	4.02
(1,19)	2:B:53:ASP:O	1:A:52:ASP:OD2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:64:GLU:C	2	4.02
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CB	2	4.02
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CD	2	4.02
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CG	2	4.02
(1,19)	2:B:53:ASP:O	1:A:64:GLU:H	2	4.02
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HB2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HB3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HG2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HG3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:64:GLU:N	2	4.02
(1,19)	2:B:53:ASP:O	1:A:64:GLU:O	2	4.02
(1,19)	2:B:53:ASP:O	1:A:64:GLU:OE1	2	4.02
(1,19)	2:B:53:ASP:O	1:A:64:GLU:OE2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:68:HIS:C	2	4.02
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CB	2	4.02
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CD2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CE1	2	4.02
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CG	2	4.02
(1,19)	2:B:53:ASP:O	1:A:68:HIS:H	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HB2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HB3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HD1	2	4.02
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HD2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HE1	2	4.02
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HE2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:68:HIS:N	2	4.02
(1,19)	2:B:53:ASP:O	1:A:68:HIS:ND1	2	4.02
(1,19)	2:B:53:ASP:O	1:A:68:HIS:NE2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:68:HIS:O	2	4.02
(1,19)	2:B:53:ASP:O	1:A:71:LEU:C	2	4.02
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:O	1:A:71:LEU:H	2	4.02
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:O	1:A:71:LEU:N	2	4.02
(1,19)	2:B:53:ASP:O	1:A:71:LEU:O	2	4.02
(1,19)	2:B:53:ASP:O	1:A:72:ARG:C	2	4.02
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CB	2	4.02
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CD	2	4.02
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CG	2	4.02
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CZ	2	4.02
(1,19)	2:B:53:ASP:O	1:A:72:ARG:H	2	4.02
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HB2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HB3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HD2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HD3	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HE	2	4.02
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HG2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HG3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH11	2	4.02
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH12	2	4.02
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH21	2	4.02
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH22	2	4.02
(1,19)	2:B:53:ASP:O	1:A:72:ARG:N	2	4.02
(1,19)	2:B:53:ASP:O	1:A:72:ARG:NE	2	4.02
(1,19)	2:B:53:ASP:O	1:A:72:ARG:NH1	2	4.02
(1,19)	2:B:53:ASP:O	1:A:72:ARG:NH2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:72:ARG:O	2	4.02
(1,19)	2:B:53:ASP:O	1:A:73:LEU:C	2	4.02
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:O	1:A:73:LEU:H	2	4.02
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:O	1:A:73:LEU:N	2	4.02
(1,19)	2:B:53:ASP:O	1:A:73:LEU:O	2	4.02
(1,19)	2:B:53:ASP:O	1:A:74:ARG:C	2	4.02
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CB	2	4.02
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CD	2	4.02
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CG	2	4.02
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CZ	2	4.02
(1,19)	2:B:53:ASP:O	1:A:74:ARG:H	2	4.02
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HB2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HB3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HD2	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HD3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HE	2	4.02
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HG2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HG3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH11	2	4.02
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH12	2	4.02
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH21	2	4.02
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH22	2	4.02
(1,19)	2:B:53:ASP:O	1:A:74:ARG:N	2	4.02
(1,19)	2:B:53:ASP:O	1:A:74:ARG:NE	2	4.02
(1,19)	2:B:53:ASP:O	1:A:74:ARG:NH1	2	4.02
(1,19)	2:B:53:ASP:O	1:A:74:ARG:NH2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:74:ARG:O	2	4.02
(1,19)	2:B:53:ASP:O	1:A:75:GLY:C	2	4.02
(1,19)	2:B:53:ASP:O	1:A:75:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:75:GLY:H	2	4.02
(1,19)	2:B:53:ASP:O	1:A:75:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:75:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:75:GLY:N	2	4.02
(1,19)	2:B:53:ASP:O	1:A:75:GLY:O	2	4.02
(1,19)	2:B:53:ASP:O	1:A:76:GLY:C	2	4.02
(1,19)	2:B:53:ASP:O	1:A:76:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:O	1:A:76:GLY:H	2	4.02
(1,19)	2:B:53:ASP:O	1:A:76:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:O	1:A:76:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:O	1:A:76:GLY:N	2	4.02
(1,19)	2:B:53:ASP:O	1:A:76:GLY:O	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:C	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CB	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CD	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CG	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:H	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HB2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HB3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HE21	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HE22	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HG2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HG3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:N	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:NE2	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:O	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:OE1	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:C	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:C	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:H	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:H	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:N	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:N	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:O	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:O	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:C	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:CA	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:CB	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:CG2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:H	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HB	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG1	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG21	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG22	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG23	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:N	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:O	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:OG1	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:C	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:H	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:N	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:O	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:C	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAB	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAC	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAD	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAI	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAJ	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAO	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAR	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAS	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CB	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:H	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:HA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:HAA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:HB3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:N	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:NAQ	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:O	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:OAH	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:SAL	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:SG	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:C	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:CA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:CB	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:CG2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:H	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HB	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG1	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG21	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG22	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG23	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:N	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:O	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:OG1	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:C	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:CA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:CB	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:CG	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:H	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:HA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:HB2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:HB3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:N	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:O	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:OD1	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:OD2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:C	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CB	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CD1	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CG1	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CG2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:H	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HB	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HD11	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HD12	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HD13	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG12	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG13	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG21	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG22	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG23	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:N	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:O	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:C	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:CA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:CB	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:H	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HB1	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HB2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HB3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:N	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:O	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:C	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:H	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:N	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:O	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:C	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CB	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CD	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CE	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CG	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:H	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HB2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HB3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HD2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HD3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HE2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HE3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HG2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HG3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HZ1	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HZ2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HZ3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:N	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:NZ	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:O	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:C	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CB	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CD	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CG	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:H	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HB2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HB3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HE21	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HE22	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HG2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HG3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:N	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:NE2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:O	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:OE1	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:C	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CB	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CD	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CG	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:H	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HB2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HB3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HG2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HG3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:N	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:O	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:OE1	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:OE2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:C	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:CA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:CB	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:CG	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:H	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:HA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:HB2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:HB3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:N	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:O	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:OD1	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:OD2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:C	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CB	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CD	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CG	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:H	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HB2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HB3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HG2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HG3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:N	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:O	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:OE1	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:OE2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:C	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CB	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CD2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CE1	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CG	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:H	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HB2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HB3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HD1	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HD2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HE1	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HE2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:N	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:ND1	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:NE2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:O	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:C	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:H	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HA	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:N	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:O	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:C	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CB	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CD	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CG	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CZ	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:H	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HB2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HB3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HD2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HD3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HE	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HG2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HG3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH11	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH12	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH21	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH22	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:N	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:NE	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:NH1	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:NH2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:O	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:C	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:H	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:N	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:O	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:C	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CB	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CD	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CG	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CZ	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:H	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HB2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HB3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HD2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HD3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HE	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HG2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HG3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH11	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH12	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH21	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH22	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:N	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:NE	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:NH1	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:NH2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:O	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:C	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:H	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:N	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:O	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:C	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:H	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:N	2	4.02
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:O	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:C	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CB	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CD	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CG	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:H	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HB2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HB3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HE21	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HE22	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HG2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HG3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:N	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:NE2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:O	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:OE1	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:C	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:C	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:H	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:H	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB2	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:N	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:N	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:O	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:O	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:C	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:CA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:CB	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:CG2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:H	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HB	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG1	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG21	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG22	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG23	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:N	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:O	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:OG1	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:C	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:H	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:N	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:O	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:C	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAB	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAC	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAD	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAI	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAJ	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAO	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAR	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAS	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CB	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:H	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:HA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:HAA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:HB3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:N	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:NAQ	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:O	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:OAH	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:SAL	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:SG	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:C	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:CA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:CB	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:CG2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:H	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HB	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG1	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG21	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG22	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG23	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:N	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:O	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:OG1	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:C	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:CA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:CB	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:CG	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:H	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:HA	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:HB2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:HB3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:N	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:O	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:OD1	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:OD2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:C	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CB	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CD1	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CG1	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CG2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:H	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HB	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HD11	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HD12	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HD13	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG12	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG13	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG21	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG22	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG23	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:N	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:O	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:C	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:CA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:CB	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:H	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HB1	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HB2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HB3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:N	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:O	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:C	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:H	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:N	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:O	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:C	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CB	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CD	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CE	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CG	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:H	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HB2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HB3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HD2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HD3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HE2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HE3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HG2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HG3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HZ1	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HZ2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HZ3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:N	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:NZ	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:O	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:C	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CB	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CD	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CG	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:H	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HB2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HB3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HE21	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HE22	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HG2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HG3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:N	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:NE2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:O	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:OE1	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:C	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CB	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CD	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CG	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:H	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HB2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HB3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HG2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HG3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:N	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:O	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:OE1	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:OE2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:C	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:CA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:CB	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:CG	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:H	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:HA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:HB2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:HB3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:N	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:O	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:OD1	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:OD2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:C	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CB	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CD	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CG	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:H	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HB2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HB3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HG2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HG3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:N	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:O	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:OE1	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:OE2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:C	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CB	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CD2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CE1	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CG	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:H	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HB2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HB3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HD1	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HD2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HE1	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HE2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:N	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:ND1	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:NE2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:O	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:C	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:H	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:N	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:O	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:C	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CB	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CD	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CG	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CZ	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:H	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HA	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HB2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HB3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HD2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HD3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HE	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HG2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HG3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH11	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH12	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH21	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH22	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:N	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:NE	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:NH1	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:NH2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:O	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:C	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CB	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CD1	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CD2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CG	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:H	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HB2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HB3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD11	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD12	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD13	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD21	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD22	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD23	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HG	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:N	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:O	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:C	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CB	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CD	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CG	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CZ	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:H	2	4.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HB2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HB3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HD2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HD3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HE	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HG2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HG3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH11	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH12	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH21	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH22	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:N	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:NE	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:NH1	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:NH2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:O	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:C	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:H	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:N	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:O	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:C	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:CA	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:H	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:HA2	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:HA3	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:N	2	4.02
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:O	2	4.02
(1,19)	2:B:53:ASP:C	1:A:2:GLN:C	5	4.0
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CB	5	4.0
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CD	5	4.0
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CG	5	4.0
(1,19)	2:B:53:ASP:C	1:A:2:GLN:H	5	4.0
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HB2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HB3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HE21	5	4.0
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HE22	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HG2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HG3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:2:GLN:N	5	4.0
(1,19)	2:B:53:ASP:C	1:A:2:GLN:NE2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:2:GLN:O	5	4.0
(1,19)	2:B:53:ASP:C	1:A:2:GLN:OE1	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:C	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:C	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:H	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:H	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:N	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:N	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:8:LEU:O	5	4.0
(1,19)	2:B:53:ASP:C	1:A:8:LEU:O	5	4.0
(1,19)	2:B:53:ASP:C	1:A:9:THR:C	5	4.0
(1,19)	2:B:53:ASP:C	1:A:9:THR:CA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:9:THR:CB	5	4.0
(1,19)	2:B:53:ASP:C	1:A:9:THR:CG2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:9:THR:H	5	4.0
(1,19)	2:B:53:ASP:C	1:A:9:THR:HA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:9:THR:HB	5	4.0
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG1	5	4.0
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG21	5	4.0
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG22	5	4.0
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG23	5	4.0
(1,19)	2:B:53:ASP:C	1:A:9:THR:N	5	4.0
(1,19)	2:B:53:ASP:C	1:A:9:THR:O	5	4.0
(1,19)	2:B:53:ASP:C	1:A:9:THR:OG1	5	4.0
(1,19)	2:B:53:ASP:C	1:A:10:GLY:C	5	4.0
(1,19)	2:B:53:ASP:C	1:A:10:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:10:GLY:H	5	4.0
(1,19)	2:B:53:ASP:C	1:A:10:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:10:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:10:GLY:N	5	4.0
(1,19)	2:B:53:ASP:C	1:A:10:GLY:O	5	4.0
(1,19)	2:B:53:ASP:C	1:A:12:3X9:C	5	4.0
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAB	5	4.0
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAC	5	4.0
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAD	5	4.0
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAI	5	4.0
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAJ	5	4.0
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAO	5	4.0
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAR	5	4.0
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAS	5	4.0
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CB	5	4.0
(1,19)	2:B:53:ASP:C	1:A:12:3X9:H	5	4.0
(1,19)	2:B:53:ASP:C	1:A:12:3X9:HA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:12:3X9:HAA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:12:3X9:HB3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:12:3X9:N	5	4.0
(1,19)	2:B:53:ASP:C	1:A:12:3X9:NAQ	5	4.0
(1,19)	2:B:53:ASP:C	1:A:12:3X9:O	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:12:3X9:OAH	5	4.0
(1,19)	2:B:53:ASP:C	1:A:12:3X9:SAL	5	4.0
(1,19)	2:B:53:ASP:C	1:A:12:3X9:SG	5	4.0
(1,19)	2:B:53:ASP:C	1:A:14:THR:C	5	4.0
(1,19)	2:B:53:ASP:C	1:A:14:THR:CA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:14:THR:CB	5	4.0
(1,19)	2:B:53:ASP:C	1:A:14:THR:CG2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:14:THR:H	5	4.0
(1,19)	2:B:53:ASP:C	1:A:14:THR:HA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:14:THR:HB	5	4.0
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG1	5	4.0
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG21	5	4.0
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG22	5	4.0
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG23	5	4.0
(1,19)	2:B:53:ASP:C	1:A:14:THR:N	5	4.0
(1,19)	2:B:53:ASP:C	1:A:14:THR:O	5	4.0
(1,19)	2:B:53:ASP:C	1:A:14:THR:OG1	5	4.0
(1,19)	2:B:53:ASP:C	1:A:39:ASP:C	5	4.0
(1,19)	2:B:53:ASP:C	1:A:39:ASP:CA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:39:ASP:CB	5	4.0
(1,19)	2:B:53:ASP:C	1:A:39:ASP:CG	5	4.0
(1,19)	2:B:53:ASP:C	1:A:39:ASP:H	5	4.0
(1,19)	2:B:53:ASP:C	1:A:39:ASP:HA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:39:ASP:HB2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:39:ASP:HB3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:39:ASP:N	5	4.0
(1,19)	2:B:53:ASP:C	1:A:39:ASP:O	5	4.0
(1,19)	2:B:53:ASP:C	1:A:39:ASP:OD1	5	4.0
(1,19)	2:B:53:ASP:C	1:A:39:ASP:OD2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:44:ILE:C	5	4.0
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CB	5	4.0
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CD1	5	4.0
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CG1	5	4.0
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CG2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:44:ILE:H	5	4.0
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HB	5	4.0
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HD11	5	4.0
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HD12	5	4.0
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HD13	5	4.0
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG12	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG13	5	4.0
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG21	5	4.0
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG22	5	4.0
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG23	5	4.0
(1,19)	2:B:53:ASP:C	1:A:44:ILE:N	5	4.0
(1,19)	2:B:53:ASP:C	1:A:44:ILE:O	5	4.0
(1,19)	2:B:53:ASP:C	1:A:46:ALA:C	5	4.0
(1,19)	2:B:53:ASP:C	1:A:46:ALA:CA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:46:ALA:CB	5	4.0
(1,19)	2:B:53:ASP:C	1:A:46:ALA:H	5	4.0
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HB1	5	4.0
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HB2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HB3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:46:ALA:N	5	4.0
(1,19)	2:B:53:ASP:C	1:A:46:ALA:O	5	4.0
(1,19)	2:B:53:ASP:C	1:A:47:GLY:C	5	4.0
(1,19)	2:B:53:ASP:C	1:A:47:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:47:GLY:H	5	4.0
(1,19)	2:B:53:ASP:C	1:A:47:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:47:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:47:GLY:N	5	4.0
(1,19)	2:B:53:ASP:C	1:A:47:GLY:O	5	4.0
(1,19)	2:B:53:ASP:C	1:A:48:LYS:C	5	4.0
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CB	5	4.0
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CD	5	4.0
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CE	5	4.0
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CG	5	4.0
(1,19)	2:B:53:ASP:C	1:A:48:LYS:H	5	4.0
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HB2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HB3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HD2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HD3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HE2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HE3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HG2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HG3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HZ1	5	4.0
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HZ2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HZ3	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:48:LYS:N	5	4.0
(1,19)	2:B:53:ASP:C	1:A:48:LYS:NZ	5	4.0
(1,19)	2:B:53:ASP:C	1:A:48:LYS:O	5	4.0
(1,19)	2:B:53:ASP:C	1:A:49:GLN:C	5	4.0
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CB	5	4.0
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CD	5	4.0
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CG	5	4.0
(1,19)	2:B:53:ASP:C	1:A:49:GLN:H	5	4.0
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HB2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HB3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HE21	5	4.0
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HE22	5	4.0
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HG2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HG3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:49:GLN:N	5	4.0
(1,19)	2:B:53:ASP:C	1:A:49:GLN:NE2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:49:GLN:O	5	4.0
(1,19)	2:B:53:ASP:C	1:A:49:GLN:OE1	5	4.0
(1,19)	2:B:53:ASP:C	1:A:51:GLU:C	5	4.0
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CB	5	4.0
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CD	5	4.0
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CG	5	4.0
(1,19)	2:B:53:ASP:C	1:A:51:GLU:H	5	4.0
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HB2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HB3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HG2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HG3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:51:GLU:N	5	4.0
(1,19)	2:B:53:ASP:C	1:A:51:GLU:O	5	4.0
(1,19)	2:B:53:ASP:C	1:A:51:GLU:OE1	5	4.0
(1,19)	2:B:53:ASP:C	1:A:51:GLU:OE2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:52:ASP:C	5	4.0
(1,19)	2:B:53:ASP:C	1:A:52:ASP:CA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:52:ASP:CB	5	4.0
(1,19)	2:B:53:ASP:C	1:A:52:ASP:CG	5	4.0
(1,19)	2:B:53:ASP:C	1:A:52:ASP:H	5	4.0
(1,19)	2:B:53:ASP:C	1:A:52:ASP:HA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:52:ASP:HB2	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:52:ASP:HB3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:52:ASP:N	5	4.0
(1,19)	2:B:53:ASP:C	1:A:52:ASP:O	5	4.0
(1,19)	2:B:53:ASP:C	1:A:52:ASP:OD1	5	4.0
(1,19)	2:B:53:ASP:C	1:A:52:ASP:OD2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:64:GLU:C	5	4.0
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CB	5	4.0
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CD	5	4.0
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CG	5	4.0
(1,19)	2:B:53:ASP:C	1:A:64:GLU:H	5	4.0
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HB2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HB3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HG2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HG3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:64:GLU:N	5	4.0
(1,19)	2:B:53:ASP:C	1:A:64:GLU:O	5	4.0
(1,19)	2:B:53:ASP:C	1:A:64:GLU:OE1	5	4.0
(1,19)	2:B:53:ASP:C	1:A:64:GLU:OE2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:68:HIS:C	5	4.0
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CB	5	4.0
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CD2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CE1	5	4.0
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CG	5	4.0
(1,19)	2:B:53:ASP:C	1:A:68:HIS:H	5	4.0
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HB2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HB3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HD1	5	4.0
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HD2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HE1	5	4.0
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HE2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:68:HIS:N	5	4.0
(1,19)	2:B:53:ASP:C	1:A:68:HIS:ND1	5	4.0
(1,19)	2:B:53:ASP:C	1:A:68:HIS:NE2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:68:HIS:O	5	4.0
(1,19)	2:B:53:ASP:C	1:A:71:LEU:C	5	4.0
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CD1	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:C	1:A:71:LEU:H	5	4.0
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:C	1:A:71:LEU:N	5	4.0
(1,19)	2:B:53:ASP:C	1:A:71:LEU:O	5	4.0
(1,19)	2:B:53:ASP:C	1:A:72:ARG:C	5	4.0
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CB	5	4.0
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CD	5	4.0
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CG	5	4.0
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CZ	5	4.0
(1,19)	2:B:53:ASP:C	1:A:72:ARG:H	5	4.0
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HB2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HB3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HD2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HD3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HE	5	4.0
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HG2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HG3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH11	5	4.0
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH12	5	4.0
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH21	5	4.0
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH22	5	4.0
(1,19)	2:B:53:ASP:C	1:A:72:ARG:N	5	4.0
(1,19)	2:B:53:ASP:C	1:A:72:ARG:NE	5	4.0
(1,19)	2:B:53:ASP:C	1:A:72:ARG:NH1	5	4.0
(1,19)	2:B:53:ASP:C	1:A:72:ARG:NH2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:72:ARG:O	5	4.0
(1,19)	2:B:53:ASP:C	1:A:73:LEU:C	5	4.0
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CB	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:C	1:A:73:LEU:H	5	4.0
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:C	1:A:73:LEU:N	5	4.0
(1,19)	2:B:53:ASP:C	1:A:73:LEU:O	5	4.0
(1,19)	2:B:53:ASP:C	1:A:74:ARG:C	5	4.0
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CB	5	4.0
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CD	5	4.0
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CG	5	4.0
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CZ	5	4.0
(1,19)	2:B:53:ASP:C	1:A:74:ARG:H	5	4.0
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HB2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HB3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HD2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HD3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HE	5	4.0
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HG2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HG3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH11	5	4.0
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH12	5	4.0
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH21	5	4.0
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH22	5	4.0
(1,19)	2:B:53:ASP:C	1:A:74:ARG:N	5	4.0
(1,19)	2:B:53:ASP:C	1:A:74:ARG:NE	5	4.0
(1,19)	2:B:53:ASP:C	1:A:74:ARG:NH1	5	4.0
(1,19)	2:B:53:ASP:C	1:A:74:ARG:NH2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:74:ARG:O	5	4.0
(1,19)	2:B:53:ASP:C	1:A:75:GLY:C	5	4.0
(1,19)	2:B:53:ASP:C	1:A:75:GLY:CA	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:75:GLY:H	5	4.0
(1,19)	2:B:53:ASP:C	1:A:75:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:75:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:75:GLY:N	5	4.0
(1,19)	2:B:53:ASP:C	1:A:75:GLY:O	5	4.0
(1,19)	2:B:53:ASP:C	1:A:76:GLY:C	5	4.0
(1,19)	2:B:53:ASP:C	1:A:76:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:C	1:A:76:GLY:H	5	4.0
(1,19)	2:B:53:ASP:C	1:A:76:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:C	1:A:76:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:C	1:A:76:GLY:N	5	4.0
(1,19)	2:B:53:ASP:C	1:A:76:GLY:O	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:C	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CB	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CD	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CG	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:H	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HB2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HB3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HE21	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HE22	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HG2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HG3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:N	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:NE2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:O	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:OE1	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:C	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:C	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:H	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:H	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:N	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:N	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:O	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:O	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:9:THR:C	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:9:THR:CA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:9:THR:CB	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:9:THR:CG2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:9:THR:H	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HB	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG1	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG21	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG22	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG23	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:9:THR:N	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:9:THR:O	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:9:THR:OG1	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:C	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:H	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:N	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:O	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:C	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAB	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAC	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAD	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAI	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAJ	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAO	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAR	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAS	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CB	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:H	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:HA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:HAA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:HB3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:N	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:NAQ	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:O	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:OAH	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:SAL	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:SG	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:14:THR:C	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:14:THR:CA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:14:THR:CB	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:14:THR:CG2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:14:THR:H	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HB	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG1	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG21	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG22	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG23	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:14:THR:N	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:14:THR:O	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:14:THR:OG1	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:C	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:CA	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:CB	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:CG	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:H	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:HA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:HB2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:HB3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:N	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:O	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:OD1	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:OD2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:C	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CB	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CD1	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CG1	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CG2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:H	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HB	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HD11	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HD12	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HD13	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG12	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG13	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG21	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG22	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG23	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:N	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:O	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:C	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:CA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:CB	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:H	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HB1	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HB2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HB3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:N	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:O	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:C	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:H	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:N	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:O	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:C	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CB	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CD	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CE	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CG	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:H	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HB2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HB3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HD2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HD3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HE2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HE3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HG2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HG3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HZ1	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HZ2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HZ3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:N	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:NZ	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:O	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:C	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CB	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CD	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CG	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:H	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HB2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HB3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HE21	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HE22	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HG2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HG3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:N	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:NE2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:O	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:OE1	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:C	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CB	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CD	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CG	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:H	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HB2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HB3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HG2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HG3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:N	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:O	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:OE1	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:OE2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:C	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:CA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:CB	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:CG	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:H	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:HA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:HB2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:HB3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:N	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:O	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:OD1	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:OD2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:C	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CB	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CD	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CG	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:H	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HB2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HB3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HG2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HG3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:N	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:O	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:OE1	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:OE2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:C	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CB	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CD2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CE1	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CG	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:H	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HB2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HB3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HD1	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HD2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HE1	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HE2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:N	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:ND1	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:NE2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:O	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:C	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:H	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:N	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:O	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:C	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CB	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CD	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CG	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CZ	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:H	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HB2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HB3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HD2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HD3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HE	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HG2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HG3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH11	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH12	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH21	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH22	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:N	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:NE	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:NH1	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:NH2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:O	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:C	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:H	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:N	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:O	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:C	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CB	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CD	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CG	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CZ	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:H	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HB2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HB3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HD2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HD3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HE	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HG2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HG3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH11	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH12	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH21	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH22	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:N	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:NE	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:NH1	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:NH2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:O	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:C	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:H	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:N	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:O	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:C	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:H	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:N	5	4.0
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:O	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:C	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CB	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CD	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CG	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:H	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HA	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HB2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HB3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HE21	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HE22	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HG2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HG3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:N	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:NE2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:O	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:OE1	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:C	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:C	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:H	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:H	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD23	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:N	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:N	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:O	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:O	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:9:THR:C	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:9:THR:CA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:9:THR:CB	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:9:THR:CG2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:9:THR:H	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HB	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG1	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG21	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG22	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG23	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:9:THR:N	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:9:THR:O	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:9:THR:OG1	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:C	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:H	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:N	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:O	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:C	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAB	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAC	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAD	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAI	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAJ	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAO	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAR	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAS	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CB	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:H	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:HA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:HAA	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:HB3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:N	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:NAQ	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:O	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:OAH	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:SAL	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:SG	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:14:THR:C	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:14:THR:CA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:14:THR:CB	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:14:THR:CG2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:14:THR:H	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HB	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG1	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG21	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG22	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG23	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:14:THR:N	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:14:THR:O	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:14:THR:OG1	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:C	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:CA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:CB	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:CG	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:H	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:HA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:HB2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:HB3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:N	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:O	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:OD1	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:OD2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:C	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CB	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CD1	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CG1	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CG2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:H	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HB	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HD11	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HD12	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HD13	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG12	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG13	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG21	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG22	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG23	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:N	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:O	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:C	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:CA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:CB	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:H	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HB1	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HB2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HB3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:N	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:O	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:C	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:H	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:N	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:O	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:C	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CB	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CD	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CE	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CG	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:H	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HB2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HB3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HD2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HD3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HE2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HE3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HG2	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HG3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HZ1	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HZ2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HZ3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:N	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:NZ	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:O	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:C	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CB	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CD	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CG	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:H	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HB2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HB3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HE21	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HE22	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HG2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HG3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:N	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:NE2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:O	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:OE1	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:C	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CB	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CD	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CG	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:H	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HB2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HB3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HG2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HG3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:N	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:O	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:OE1	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:OE2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:C	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:CA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:CB	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:CG	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:H	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:HA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:HB2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:HB3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:N	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:O	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:OD1	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:OD2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:C	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CB	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CD	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CG	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:H	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HB2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HB3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HG2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HG3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:N	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:O	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:OE1	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:OE2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:C	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CB	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CD2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CE1	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CG	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:H	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HB2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HB3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HD1	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HD2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HE1	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HE2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:N	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:ND1	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:NE2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:O	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:C	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:H	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:N	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:O	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:C	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CB	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CD	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CG	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CZ	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:H	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HB2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HB3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HD2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HD3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HE	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HG2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HG3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH11	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH12	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH21	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH22	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:N	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:NE	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:NH1	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:NH2	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:O	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:C	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:H	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:N	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:O	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:C	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CB	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CD	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CG	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CZ	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:H	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HB2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HB3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HD2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HD3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HE	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HG2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HG3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH11	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH12	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH21	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH22	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:N	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:NE	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:NH1	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:NH2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:O	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:C	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:H	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:N	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:O	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:C	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:H	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:N	5	4.0
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:O	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:C	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CB	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CD	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CG	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:H	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HB2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HB3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HE21	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HE22	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HG2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HG3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:N	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:NE2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:O	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:OE1	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:C	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:C	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD2	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:H	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:H	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:N	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:N	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:O	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:O	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:9:THR:C	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:9:THR:CA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:9:THR:CB	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:9:THR:CG2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:9:THR:H	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HB	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG1	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG21	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG22	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG23	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:9:THR:N	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:9:THR:O	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:9:THR:OG1	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:C	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:H	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:N	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:O	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:C	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAB	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAC	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAD	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAI	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAJ	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAO	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAR	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAS	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CB	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:H	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:HA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:HAA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:HB3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:N	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:NAQ	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:O	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:OAH	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:SAL	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:SG	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:14:THR:C	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:14:THR:CA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:14:THR:CB	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:14:THR:CG2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:14:THR:H	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HB	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG1	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG21	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG22	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG23	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:14:THR:N	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:14:THR:O	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:14:THR:OG1	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:C	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:CA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:CB	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:CG	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:H	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:HA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:HB2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:HB3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:N	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:O	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:OD1	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:OD2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:C	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CB	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CD1	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CG1	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CG2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:H	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HB	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HD11	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HD12	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HD13	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG12	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG13	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG21	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG22	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG23	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:N	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:O	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:C	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:CA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:CB	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:H	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HB1	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HB2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HB3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:N	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:O	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:C	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:H	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:N	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:O	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:C	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CB	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CD	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CE	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CG	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:H	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HB2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HB3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HD2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HD3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HE2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HE3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HG2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HG3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HZ1	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HZ2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HZ3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:N	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:NZ	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:O	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:C	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CB	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CD	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CG	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:H	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HB2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HB3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HE21	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HE22	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HG2	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HG3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:N	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:NE2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:O	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:OE1	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:C	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CB	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CD	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CG	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:H	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HB2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HB3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HG2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HG3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:N	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:O	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:OE1	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:OE2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:C	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:CA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:CB	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:CG	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:H	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:HA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:HB2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:HB3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:N	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:O	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:OD1	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:OD2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:C	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CB	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CD	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CG	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:H	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HB2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HB3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HG2	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HG3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:N	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:O	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:OE1	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:OE2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:C	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CB	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CD2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CE1	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CG	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:H	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HB2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HB3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HD1	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HD2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HE1	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HE2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:N	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:ND1	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:NE2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:O	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:C	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:H	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:N	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:O	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:C	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CB	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CD	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CG	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CZ	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:H	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HB2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HB3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HD2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HD3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HE	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HG2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HG3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH11	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH12	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH21	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH22	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:N	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:NE	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:NH1	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:NH2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:O	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:C	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:H	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:N	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:O	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:C	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CB	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CD	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CG	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CZ	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:H	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HB2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HB3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HD2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HD3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HE	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HG2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HG3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH11	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH12	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH21	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH22	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:N	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:NE	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:NH1	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:NH2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:O	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:C	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:H	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:N	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:O	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:C	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:H	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:N	5	4.0
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:O	5	4.0
(1,19)	2:B:53:ASP:H	1:A:2:GLN:C	5	4.0
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CB	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CD	5	4.0
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CG	5	4.0
(1,19)	2:B:53:ASP:H	1:A:2:GLN:H	5	4.0
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HB2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HB3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HE21	5	4.0
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HE22	5	4.0
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HG2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HG3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:2:GLN:N	5	4.0
(1,19)	2:B:53:ASP:H	1:A:2:GLN:NE2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:2:GLN:O	5	4.0
(1,19)	2:B:53:ASP:H	1:A:2:GLN:OE1	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:C	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:C	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:H	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:H	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD21	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:N	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:N	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:O	5	4.0
(1,19)	2:B:53:ASP:H	1:A:8:LEU:O	5	4.0
(1,19)	2:B:53:ASP:H	1:A:9:THR:C	5	4.0
(1,19)	2:B:53:ASP:H	1:A:9:THR:CA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:9:THR:CB	5	4.0
(1,19)	2:B:53:ASP:H	1:A:9:THR:CG2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:9:THR:H	5	4.0
(1,19)	2:B:53:ASP:H	1:A:9:THR:HA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:9:THR:HB	5	4.0
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG1	5	4.0
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG21	5	4.0
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG22	5	4.0
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG23	5	4.0
(1,19)	2:B:53:ASP:H	1:A:9:THR:N	5	4.0
(1,19)	2:B:53:ASP:H	1:A:9:THR:O	5	4.0
(1,19)	2:B:53:ASP:H	1:A:9:THR:OG1	5	4.0
(1,19)	2:B:53:ASP:H	1:A:10:GLY:C	5	4.0
(1,19)	2:B:53:ASP:H	1:A:10:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:10:GLY:H	5	4.0
(1,19)	2:B:53:ASP:H	1:A:10:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:10:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:10:GLY:N	5	4.0
(1,19)	2:B:53:ASP:H	1:A:10:GLY:O	5	4.0
(1,19)	2:B:53:ASP:H	1:A:12:3X9:C	5	4.0
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAB	5	4.0
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAC	5	4.0
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAD	5	4.0
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAI	5	4.0
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAJ	5	4.0
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAO	5	4.0
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAR	5	4.0
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAS	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CB	5	4.0
(1,19)	2:B:53:ASP:H	1:A:12:3X9:H	5	4.0
(1,19)	2:B:53:ASP:H	1:A:12:3X9:HA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:12:3X9:HAA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:12:3X9:HB3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:12:3X9:N	5	4.0
(1,19)	2:B:53:ASP:H	1:A:12:3X9:NAQ	5	4.0
(1,19)	2:B:53:ASP:H	1:A:12:3X9:O	5	4.0
(1,19)	2:B:53:ASP:H	1:A:12:3X9:OAH	5	4.0
(1,19)	2:B:53:ASP:H	1:A:12:3X9:SAL	5	4.0
(1,19)	2:B:53:ASP:H	1:A:12:3X9:SG	5	4.0
(1,19)	2:B:53:ASP:H	1:A:14:THR:C	5	4.0
(1,19)	2:B:53:ASP:H	1:A:14:THR:CA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:14:THR:CB	5	4.0
(1,19)	2:B:53:ASP:H	1:A:14:THR:CG2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:14:THR:H	5	4.0
(1,19)	2:B:53:ASP:H	1:A:14:THR:HA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:14:THR:HB	5	4.0
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG1	5	4.0
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG21	5	4.0
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG22	5	4.0
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG23	5	4.0
(1,19)	2:B:53:ASP:H	1:A:14:THR:N	5	4.0
(1,19)	2:B:53:ASP:H	1:A:14:THR:O	5	4.0
(1,19)	2:B:53:ASP:H	1:A:14:THR:OG1	5	4.0
(1,19)	2:B:53:ASP:H	1:A:39:ASP:C	5	4.0
(1,19)	2:B:53:ASP:H	1:A:39:ASP:CA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:39:ASP:CB	5	4.0
(1,19)	2:B:53:ASP:H	1:A:39:ASP:CG	5	4.0
(1,19)	2:B:53:ASP:H	1:A:39:ASP:H	5	4.0
(1,19)	2:B:53:ASP:H	1:A:39:ASP:HA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:39:ASP:HB2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:39:ASP:HB3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:39:ASP:N	5	4.0
(1,19)	2:B:53:ASP:H	1:A:39:ASP:O	5	4.0
(1,19)	2:B:53:ASP:H	1:A:39:ASP:OD1	5	4.0
(1,19)	2:B:53:ASP:H	1:A:39:ASP:OD2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:44:ILE:C	5	4.0
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CB	5	4.0
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CD1	5	4.0
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CG1	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CG2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:44:ILE:H	5	4.0
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HB	5	4.0
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HD11	5	4.0
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HD12	5	4.0
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HD13	5	4.0
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG12	5	4.0
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG13	5	4.0
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG21	5	4.0
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG22	5	4.0
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG23	5	4.0
(1,19)	2:B:53:ASP:H	1:A:44:ILE:N	5	4.0
(1,19)	2:B:53:ASP:H	1:A:44:ILE:O	5	4.0
(1,19)	2:B:53:ASP:H	1:A:46:ALA:C	5	4.0
(1,19)	2:B:53:ASP:H	1:A:46:ALA:CA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:46:ALA:CB	5	4.0
(1,19)	2:B:53:ASP:H	1:A:46:ALA:H	5	4.0
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HB1	5	4.0
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HB2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HB3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:46:ALA:N	5	4.0
(1,19)	2:B:53:ASP:H	1:A:46:ALA:O	5	4.0
(1,19)	2:B:53:ASP:H	1:A:47:GLY:C	5	4.0
(1,19)	2:B:53:ASP:H	1:A:47:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:47:GLY:H	5	4.0
(1,19)	2:B:53:ASP:H	1:A:47:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:47:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:47:GLY:N	5	4.0
(1,19)	2:B:53:ASP:H	1:A:47:GLY:O	5	4.0
(1,19)	2:B:53:ASP:H	1:A:48:LYS:C	5	4.0
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CB	5	4.0
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CD	5	4.0
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CE	5	4.0
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CG	5	4.0
(1,19)	2:B:53:ASP:H	1:A:48:LYS:H	5	4.0
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HB2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HB3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HD2	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HD3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HE2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HE3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HG2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HG3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HZ1	5	4.0
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HZ2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HZ3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:48:LYS:N	5	4.0
(1,19)	2:B:53:ASP:H	1:A:48:LYS:NZ	5	4.0
(1,19)	2:B:53:ASP:H	1:A:48:LYS:O	5	4.0
(1,19)	2:B:53:ASP:H	1:A:49:GLN:C	5	4.0
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CB	5	4.0
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CD	5	4.0
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CG	5	4.0
(1,19)	2:B:53:ASP:H	1:A:49:GLN:H	5	4.0
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HB2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HB3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HE21	5	4.0
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HE22	5	4.0
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HG2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HG3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:49:GLN:N	5	4.0
(1,19)	2:B:53:ASP:H	1:A:49:GLN:NE2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:49:GLN:O	5	4.0
(1,19)	2:B:53:ASP:H	1:A:49:GLN:OE1	5	4.0
(1,19)	2:B:53:ASP:H	1:A:51:GLU:C	5	4.0
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CB	5	4.0
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CD	5	4.0
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CG	5	4.0
(1,19)	2:B:53:ASP:H	1:A:51:GLU:H	5	4.0
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HB2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HB3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HG2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HG3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:51:GLU:N	5	4.0
(1,19)	2:B:53:ASP:H	1:A:51:GLU:O	5	4.0
(1,19)	2:B:53:ASP:H	1:A:51:GLU:OE1	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:51:GLU:OE2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:52:ASP:C	5	4.0
(1,19)	2:B:53:ASP:H	1:A:52:ASP:CA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:52:ASP:CB	5	4.0
(1,19)	2:B:53:ASP:H	1:A:52:ASP:CG	5	4.0
(1,19)	2:B:53:ASP:H	1:A:52:ASP:H	5	4.0
(1,19)	2:B:53:ASP:H	1:A:52:ASP:HA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:52:ASP:HB2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:52:ASP:HB3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:52:ASP:N	5	4.0
(1,19)	2:B:53:ASP:H	1:A:52:ASP:O	5	4.0
(1,19)	2:B:53:ASP:H	1:A:52:ASP:OD1	5	4.0
(1,19)	2:B:53:ASP:H	1:A:52:ASP:OD2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:64:GLU:C	5	4.0
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CB	5	4.0
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CD	5	4.0
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CG	5	4.0
(1,19)	2:B:53:ASP:H	1:A:64:GLU:H	5	4.0
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HB2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HB3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HG2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HG3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:64:GLU:N	5	4.0
(1,19)	2:B:53:ASP:H	1:A:64:GLU:O	5	4.0
(1,19)	2:B:53:ASP:H	1:A:64:GLU:OE1	5	4.0
(1,19)	2:B:53:ASP:H	1:A:64:GLU:OE2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:68:HIS:C	5	4.0
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CB	5	4.0
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CD2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CE1	5	4.0
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CG	5	4.0
(1,19)	2:B:53:ASP:H	1:A:68:HIS:H	5	4.0
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HB2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HB3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HD1	5	4.0
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HD2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HE1	5	4.0
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HE2	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:68:HIS:N	5	4.0
(1,19)	2:B:53:ASP:H	1:A:68:HIS:ND1	5	4.0
(1,19)	2:B:53:ASP:H	1:A:68:HIS:NE2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:68:HIS:O	5	4.0
(1,19)	2:B:53:ASP:H	1:A:71:LEU:C	5	4.0
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:H	1:A:71:LEU:H	5	4.0
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:H	1:A:71:LEU:N	5	4.0
(1,19)	2:B:53:ASP:H	1:A:71:LEU:O	5	4.0
(1,19)	2:B:53:ASP:H	1:A:72:ARG:C	5	4.0
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CB	5	4.0
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CD	5	4.0
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CG	5	4.0
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CZ	5	4.0
(1,19)	2:B:53:ASP:H	1:A:72:ARG:H	5	4.0
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HB2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HB3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HD2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HD3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HE	5	4.0
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HG2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HG3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH11	5	4.0
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH12	5	4.0
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH21	5	4.0
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH22	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:72:ARG:N	5	4.0
(1,19)	2:B:53:ASP:H	1:A:72:ARG:NE	5	4.0
(1,19)	2:B:53:ASP:H	1:A:72:ARG:NH1	5	4.0
(1,19)	2:B:53:ASP:H	1:A:72:ARG:NH2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:72:ARG:O	5	4.0
(1,19)	2:B:53:ASP:H	1:A:73:LEU:C	5	4.0
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:H	1:A:73:LEU:H	5	4.0
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:H	1:A:73:LEU:N	5	4.0
(1,19)	2:B:53:ASP:H	1:A:73:LEU:O	5	4.0
(1,19)	2:B:53:ASP:H	1:A:74:ARG:C	5	4.0
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CB	5	4.0
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CD	5	4.0
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CG	5	4.0
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CZ	5	4.0
(1,19)	2:B:53:ASP:H	1:A:74:ARG:H	5	4.0
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HB2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HB3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HD2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HD3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HE	5	4.0
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HG2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HG3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH11	5	4.0
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH12	5	4.0
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH21	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH22	5	4.0
(1,19)	2:B:53:ASP:H	1:A:74:ARG:N	5	4.0
(1,19)	2:B:53:ASP:H	1:A:74:ARG:NE	5	4.0
(1,19)	2:B:53:ASP:H	1:A:74:ARG:NH1	5	4.0
(1,19)	2:B:53:ASP:H	1:A:74:ARG:NH2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:74:ARG:O	5	4.0
(1,19)	2:B:53:ASP:H	1:A:75:GLY:C	5	4.0
(1,19)	2:B:53:ASP:H	1:A:75:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:75:GLY:H	5	4.0
(1,19)	2:B:53:ASP:H	1:A:75:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:75:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:75:GLY:N	5	4.0
(1,19)	2:B:53:ASP:H	1:A:75:GLY:O	5	4.0
(1,19)	2:B:53:ASP:H	1:A:76:GLY:C	5	4.0
(1,19)	2:B:53:ASP:H	1:A:76:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:H	1:A:76:GLY:H	5	4.0
(1,19)	2:B:53:ASP:H	1:A:76:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:H	1:A:76:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:H	1:A:76:GLY:N	5	4.0
(1,19)	2:B:53:ASP:H	1:A:76:GLY:O	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:C	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CB	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CD	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CG	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:H	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HB2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HB3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HE21	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HE22	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HG2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HG3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:N	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:NE2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:O	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:OE1	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:C	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:C	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CB	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:H	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:H	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:N	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:N	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:O	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:O	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:9:THR:C	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:9:THR:CA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:9:THR:CB	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:9:THR:CG2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:9:THR:H	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HB	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG1	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG21	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG22	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG23	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:9:THR:N	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:9:THR:O	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:9:THR:OG1	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:C	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:H	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:N	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:O	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:C	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAB	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAC	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAD	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAI	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAJ	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAO	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAR	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAS	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CB	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:H	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:HA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:HAA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:HB3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:N	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:NAQ	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:O	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:OAH	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:SAL	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:SG	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:14:THR:C	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:14:THR:CA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:14:THR:CB	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:14:THR:CG2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:14:THR:H	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HB	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG1	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG21	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG22	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG23	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:14:THR:N	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:14:THR:O	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:14:THR:OG1	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:C	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:CA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:CB	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:CG	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:H	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:HA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:HB2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:HB3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:N	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:O	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:OD1	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:OD2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:C	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CB	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CD1	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CG1	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CG2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:H	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HB	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HD11	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HD12	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HD13	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG12	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG13	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG21	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG22	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG23	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:N	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:O	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:C	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:CA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:CB	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:H	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HA	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HB1	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HB2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HB3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:N	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:O	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:C	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:H	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:N	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:O	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:C	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CB	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CD	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CE	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CG	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:H	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HB2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HB3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HD2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HD3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HE2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HE3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HG2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HG3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HZ1	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HZ2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HZ3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:N	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:NZ	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:O	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:C	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CB	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CD	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CG	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:H	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HB2	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HB3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HE21	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HE22	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HG2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HG3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:N	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:NE2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:O	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:OE1	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:C	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CB	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CD	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CG	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:H	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HB2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HB3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HG2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HG3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:N	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:O	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:OE1	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:OE2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:C	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:CA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:CB	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:CG	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:H	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:HA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:HB2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:HB3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:N	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:O	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:OD1	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:OD2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:C	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CB	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CD	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CG	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:H	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HB2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HB3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HG2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HG3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:N	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:O	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:OE1	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:OE2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:C	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CB	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CD2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CE1	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CG	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:H	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HB2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HB3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HD1	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HD2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HE1	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HE2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:N	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:ND1	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:NE2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:O	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:C	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:H	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD22	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:N	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:O	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:C	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CB	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CD	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CG	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CZ	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:H	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HB2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HB3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HD2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HD3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HE	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HG2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HG3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH11	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH12	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH21	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH22	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:N	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:NE	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:NH1	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:NH2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:O	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:C	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:H	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD21	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:N	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:O	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:C	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CB	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CD	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CG	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CZ	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:H	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HB2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HB3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HD2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HD3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HE	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HG2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HG3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH11	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH12	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH21	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH22	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:N	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:NE	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:NH1	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:NH2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:O	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:C	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:H	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:N	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:O	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:C	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:H	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:N	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:O	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:C	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CB	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CD	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CG	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:H	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HB2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HB3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HE21	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HE22	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HG2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HG3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:N	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:NE2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:O	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:OE1	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:C	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:C	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:H	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:H	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD12	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:N	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:N	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:O	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:O	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:C	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:CA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:CB	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:CG2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:H	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HB	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG1	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG21	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG22	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG23	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:N	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:O	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:OG1	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:C	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:H	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:N	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:O	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:C	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAB	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAC	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAD	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAI	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAJ	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAO	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAR	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAS	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CB	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:H	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:HA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:HAA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:HB3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:N	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:NAQ	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:O	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:OAH	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:SAL	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:SG	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:C	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:CA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:CB	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:CG2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:H	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HB	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG1	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG21	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG22	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG23	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:N	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:O	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:OG1	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:C	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:CA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:CB	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:CG	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:H	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:HA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:HB2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:HB3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:N	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:O	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:OD1	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:OD2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:C	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CB	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CD1	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CG1	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CG2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:H	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HB	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HD11	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HD12	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HD13	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG12	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG13	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG21	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG22	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG23	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:N	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:O	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:C	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:CA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:CB	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:H	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HB1	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HB2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HB3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:N	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:O	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:C	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:H	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:N	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:O	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:C	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CB	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CD	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CE	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CG	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:H	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HB2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HB3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HD2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HD3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HE2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HE3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HG2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HG3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HZ1	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HZ2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HZ3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:N	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:NZ	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:O	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:C	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CB	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CD	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CG	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:H	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HB2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HB3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HE21	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HE22	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HG2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HG3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:N	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:NE2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:O	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:OE1	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:C	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CB	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CD	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CG	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:H	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HB2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HB3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HG2	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HG3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:N	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:O	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:OE1	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:OE2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:C	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:CA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:CB	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:CG	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:H	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:HA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:HB2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:HB3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:N	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:O	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:OD1	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:OD2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:C	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CB	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CD	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CG	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:H	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HB2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HB3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HG2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HG3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:N	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:O	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:OE1	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:OE2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:C	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CB	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CD2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CE1	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CG	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:H	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HB2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HB3	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HD1	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HD2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HE1	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HE2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:N	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:ND1	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:NE2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:O	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:C	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:H	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:N	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:O	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:C	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CB	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CD	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CG	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CZ	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:H	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HB2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HB3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HD2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HD3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HE	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HG2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HG3	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH11	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH12	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH21	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH22	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:N	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:NE	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:NH1	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:NH2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:O	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:C	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:H	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:N	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:O	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:C	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CB	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CD	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CG	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CZ	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:H	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HB2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HB3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HD2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HD3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HE	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HG2	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HG3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH11	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH12	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH21	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH22	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:N	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:NE	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:NH1	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:NH2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:O	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:C	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:H	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:N	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:O	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:C	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:H	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:N	5	4.0
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:O	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:C	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CB	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CD	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CG	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:H	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HB2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HB3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HE21	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HE22	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HG2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HG3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:N	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:NE2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:O	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:OE1	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:C	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:C	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:H	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:H	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:N	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:N	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:O	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:O	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:C	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:CA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:CB	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:CG2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:H	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HB	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG1	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG21	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG22	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG23	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:N	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:O	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:OG1	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:C	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:H	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:N	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:O	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:C	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAB	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAC	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAD	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAI	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAJ	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAO	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAR	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAS	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CB	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:H	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:HA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:HAA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:HB3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:N	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:NAQ	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:O	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:OAH	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:SAL	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:SG	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:C	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:CA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:CB	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:CG2	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:H	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HB	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG1	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG21	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG22	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG23	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:N	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:O	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:OG1	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:C	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:CA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:CB	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:CG	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:H	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:HA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:HB2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:HB3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:N	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:O	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:OD1	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:OD2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:C	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CB	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CD1	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CG1	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CG2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:H	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HB	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HD11	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HD12	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HD13	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG12	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG13	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG21	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG22	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG23	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:N	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:O	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:C	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:CA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:CB	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:H	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HB1	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HB2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HB3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:N	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:O	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:C	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:H	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:N	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:O	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:C	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CB	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CD	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CE	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CG	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:H	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HB2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HB3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HD2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HD3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HE2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HE3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HG2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HG3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HZ1	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HZ2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HZ3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:N	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:NZ	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:O	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:C	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CB	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CD	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CG	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:H	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HB2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HB3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HE21	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HE22	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HG2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HG3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:N	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:NE2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:O	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:OE1	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:C	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CB	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CD	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CG	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:H	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HB2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HB3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HG2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HG3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:N	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:O	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:OE1	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:OE2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:C	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:CA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:CB	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:CG	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:H	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:HA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:HB2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:HB3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:N	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:O	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:OD1	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:OD2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:C	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CA	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CB	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CD	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CG	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:H	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HB2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HB3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HG2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HG3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:N	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:O	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:OE1	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:OE2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:C	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CB	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CD2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CE1	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CG	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:H	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HB2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HB3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HD1	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HD2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HE1	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HE2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:N	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:ND1	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:NE2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:O	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:C	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:H	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD11	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:N	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:O	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:C	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CB	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CD	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CG	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CZ	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:H	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HB2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HB3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HD2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HD3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HE	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HG2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HG3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH11	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH12	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH21	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH22	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:N	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:NE	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:NH1	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:NH2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:O	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:C	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:H	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HB3	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:N	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:O	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:C	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CB	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CD	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CG	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CZ	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:H	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HB2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HB3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HD2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HD3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HE	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HG2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HG3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH11	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH12	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH21	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH22	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:N	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:NE	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:NH1	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:NH2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:O	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:C	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:H	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:N	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:O	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:C	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:CA	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:H	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:N	5	4.0
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:O	5	4.0
(1,19)	2:B:53:ASP:N	1:A:2:GLN:C	5	4.0
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CB	5	4.0
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CD	5	4.0
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CG	5	4.0
(1,19)	2:B:53:ASP:N	1:A:2:GLN:H	5	4.0
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HB2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HB3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HE21	5	4.0
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HE22	5	4.0
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HG2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HG3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:2:GLN:N	5	4.0
(1,19)	2:B:53:ASP:N	1:A:2:GLN:NE2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:2:GLN:O	5	4.0
(1,19)	2:B:53:ASP:N	1:A:2:GLN:OE1	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:C	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:C	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:H	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:H	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB3	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:N	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:N	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:O	5	4.0
(1,19)	2:B:53:ASP:N	1:A:8:LEU:O	5	4.0
(1,19)	2:B:53:ASP:N	1:A:9:THR:C	5	4.0
(1,19)	2:B:53:ASP:N	1:A:9:THR:CA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:9:THR:CB	5	4.0
(1,19)	2:B:53:ASP:N	1:A:9:THR:CG2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:9:THR:H	5	4.0
(1,19)	2:B:53:ASP:N	1:A:9:THR:HA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:9:THR:HB	5	4.0
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG1	5	4.0
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG21	5	4.0
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG22	5	4.0
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG23	5	4.0
(1,19)	2:B:53:ASP:N	1:A:9:THR:N	5	4.0
(1,19)	2:B:53:ASP:N	1:A:9:THR:O	5	4.0
(1,19)	2:B:53:ASP:N	1:A:9:THR:OG1	5	4.0
(1,19)	2:B:53:ASP:N	1:A:10:GLY:C	5	4.0
(1,19)	2:B:53:ASP:N	1:A:10:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:10:GLY:H	5	4.0
(1,19)	2:B:53:ASP:N	1:A:10:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:10:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:10:GLY:N	5	4.0
(1,19)	2:B:53:ASP:N	1:A:10:GLY:O	5	4.0
(1,19)	2:B:53:ASP:N	1:A:12:3X9:C	5	4.0
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAA	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAB	5	4.0
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAC	5	4.0
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAD	5	4.0
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAI	5	4.0
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAJ	5	4.0
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAO	5	4.0
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAR	5	4.0
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAS	5	4.0
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CB	5	4.0
(1,19)	2:B:53:ASP:N	1:A:12:3X9:H	5	4.0
(1,19)	2:B:53:ASP:N	1:A:12:3X9:HA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:12:3X9:HAA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:12:3X9:HB3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:12:3X9:N	5	4.0
(1,19)	2:B:53:ASP:N	1:A:12:3X9:NAQ	5	4.0
(1,19)	2:B:53:ASP:N	1:A:12:3X9:O	5	4.0
(1,19)	2:B:53:ASP:N	1:A:12:3X9:OAH	5	4.0
(1,19)	2:B:53:ASP:N	1:A:12:3X9:SAL	5	4.0
(1,19)	2:B:53:ASP:N	1:A:12:3X9:SG	5	4.0
(1,19)	2:B:53:ASP:N	1:A:14:THR:C	5	4.0
(1,19)	2:B:53:ASP:N	1:A:14:THR:CA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:14:THR:CB	5	4.0
(1,19)	2:B:53:ASP:N	1:A:14:THR:CG2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:14:THR:H	5	4.0
(1,19)	2:B:53:ASP:N	1:A:14:THR:HA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:14:THR:HB	5	4.0
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG1	5	4.0
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG21	5	4.0
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG22	5	4.0
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG23	5	4.0
(1,19)	2:B:53:ASP:N	1:A:14:THR:N	5	4.0
(1,19)	2:B:53:ASP:N	1:A:14:THR:O	5	4.0
(1,19)	2:B:53:ASP:N	1:A:14:THR:OG1	5	4.0
(1,19)	2:B:53:ASP:N	1:A:39:ASP:C	5	4.0
(1,19)	2:B:53:ASP:N	1:A:39:ASP:CA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:39:ASP:CB	5	4.0
(1,19)	2:B:53:ASP:N	1:A:39:ASP:CG	5	4.0
(1,19)	2:B:53:ASP:N	1:A:39:ASP:H	5	4.0
(1,19)	2:B:53:ASP:N	1:A:39:ASP:HA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:39:ASP:HB2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:39:ASP:HB3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:39:ASP:N	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:39:ASP:O	5	4.0
(1,19)	2:B:53:ASP:N	1:A:39:ASP:OD1	5	4.0
(1,19)	2:B:53:ASP:N	1:A:39:ASP:OD2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:44:ILE:C	5	4.0
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CB	5	4.0
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CD1	5	4.0
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CG1	5	4.0
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CG2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:44:ILE:H	5	4.0
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HB	5	4.0
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HD11	5	4.0
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HD12	5	4.0
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HD13	5	4.0
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG12	5	4.0
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG13	5	4.0
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG21	5	4.0
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG22	5	4.0
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG23	5	4.0
(1,19)	2:B:53:ASP:N	1:A:44:ILE:N	5	4.0
(1,19)	2:B:53:ASP:N	1:A:44:ILE:O	5	4.0
(1,19)	2:B:53:ASP:N	1:A:46:ALA:C	5	4.0
(1,19)	2:B:53:ASP:N	1:A:46:ALA:CA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:46:ALA:CB	5	4.0
(1,19)	2:B:53:ASP:N	1:A:46:ALA:H	5	4.0
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HB1	5	4.0
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HB2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HB3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:46:ALA:N	5	4.0
(1,19)	2:B:53:ASP:N	1:A:46:ALA:O	5	4.0
(1,19)	2:B:53:ASP:N	1:A:47:GLY:C	5	4.0
(1,19)	2:B:53:ASP:N	1:A:47:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:47:GLY:H	5	4.0
(1,19)	2:B:53:ASP:N	1:A:47:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:47:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:47:GLY:N	5	4.0
(1,19)	2:B:53:ASP:N	1:A:47:GLY:O	5	4.0
(1,19)	2:B:53:ASP:N	1:A:48:LYS:C	5	4.0
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CB	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CD	5	4.0
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CE	5	4.0
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CG	5	4.0
(1,19)	2:B:53:ASP:N	1:A:48:LYS:H	5	4.0
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HB2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HB3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HD2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HD3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HE2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HE3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HG2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HG3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HZ1	5	4.0
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HZ2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HZ3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:48:LYS:N	5	4.0
(1,19)	2:B:53:ASP:N	1:A:48:LYS:NZ	5	4.0
(1,19)	2:B:53:ASP:N	1:A:48:LYS:O	5	4.0
(1,19)	2:B:53:ASP:N	1:A:49:GLN:C	5	4.0
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CB	5	4.0
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CD	5	4.0
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CG	5	4.0
(1,19)	2:B:53:ASP:N	1:A:49:GLN:H	5	4.0
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HB2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HB3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HE21	5	4.0
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HE22	5	4.0
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HG2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HG3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:49:GLN:N	5	4.0
(1,19)	2:B:53:ASP:N	1:A:49:GLN:NE2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:49:GLN:O	5	4.0
(1,19)	2:B:53:ASP:N	1:A:49:GLN:OE1	5	4.0
(1,19)	2:B:53:ASP:N	1:A:51:GLU:C	5	4.0
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CB	5	4.0
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CD	5	4.0
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CG	5	4.0
(1,19)	2:B:53:ASP:N	1:A:51:GLU:H	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HB2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HB3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HG2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HG3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:51:GLU:N	5	4.0
(1,19)	2:B:53:ASP:N	1:A:51:GLU:O	5	4.0
(1,19)	2:B:53:ASP:N	1:A:51:GLU:OE1	5	4.0
(1,19)	2:B:53:ASP:N	1:A:51:GLU:OE2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:52:ASP:C	5	4.0
(1,19)	2:B:53:ASP:N	1:A:52:ASP:CA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:52:ASP:CB	5	4.0
(1,19)	2:B:53:ASP:N	1:A:52:ASP:CG	5	4.0
(1,19)	2:B:53:ASP:N	1:A:52:ASP:H	5	4.0
(1,19)	2:B:53:ASP:N	1:A:52:ASP:HA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:52:ASP:HB2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:52:ASP:HB3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:52:ASP:N	5	4.0
(1,19)	2:B:53:ASP:N	1:A:52:ASP:O	5	4.0
(1,19)	2:B:53:ASP:N	1:A:52:ASP:OD1	5	4.0
(1,19)	2:B:53:ASP:N	1:A:52:ASP:OD2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:64:GLU:C	5	4.0
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CB	5	4.0
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CD	5	4.0
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CG	5	4.0
(1,19)	2:B:53:ASP:N	1:A:64:GLU:H	5	4.0
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HB2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HB3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HG2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HG3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:64:GLU:N	5	4.0
(1,19)	2:B:53:ASP:N	1:A:64:GLU:O	5	4.0
(1,19)	2:B:53:ASP:N	1:A:64:GLU:OE1	5	4.0
(1,19)	2:B:53:ASP:N	1:A:64:GLU:OE2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:68:HIS:C	5	4.0
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CB	5	4.0
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CD2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CE1	5	4.0
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CG	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:68:HIS:H	5	4.0
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HB2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HB3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HD1	5	4.0
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HD2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HE1	5	4.0
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HE2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:68:HIS:N	5	4.0
(1,19)	2:B:53:ASP:N	1:A:68:HIS:ND1	5	4.0
(1,19)	2:B:53:ASP:N	1:A:68:HIS:NE2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:68:HIS:O	5	4.0
(1,19)	2:B:53:ASP:N	1:A:71:LEU:C	5	4.0
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:N	1:A:71:LEU:H	5	4.0
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:N	1:A:71:LEU:N	5	4.0
(1,19)	2:B:53:ASP:N	1:A:71:LEU:O	5	4.0
(1,19)	2:B:53:ASP:N	1:A:72:ARG:C	5	4.0
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CB	5	4.0
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CD	5	4.0
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CG	5	4.0
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CZ	5	4.0
(1,19)	2:B:53:ASP:N	1:A:72:ARG:H	5	4.0
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HB2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HB3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HD2	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HD3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HE	5	4.0
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HG2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HG3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH11	5	4.0
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH12	5	4.0
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH21	5	4.0
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH22	5	4.0
(1,19)	2:B:53:ASP:N	1:A:72:ARG:N	5	4.0
(1,19)	2:B:53:ASP:N	1:A:72:ARG:NE	5	4.0
(1,19)	2:B:53:ASP:N	1:A:72:ARG:NH1	5	4.0
(1,19)	2:B:53:ASP:N	1:A:72:ARG:NH2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:72:ARG:O	5	4.0
(1,19)	2:B:53:ASP:N	1:A:73:LEU:C	5	4.0
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:N	1:A:73:LEU:H	5	4.0
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:N	1:A:73:LEU:N	5	4.0
(1,19)	2:B:53:ASP:N	1:A:73:LEU:O	5	4.0
(1,19)	2:B:53:ASP:N	1:A:74:ARG:C	5	4.0
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CB	5	4.0
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CD	5	4.0
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CG	5	4.0
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CZ	5	4.0
(1,19)	2:B:53:ASP:N	1:A:74:ARG:H	5	4.0
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HB2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HB3	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HD2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HD3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HE	5	4.0
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HG2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HG3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH11	5	4.0
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH12	5	4.0
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH21	5	4.0
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH22	5	4.0
(1,19)	2:B:53:ASP:N	1:A:74:ARG:N	5	4.0
(1,19)	2:B:53:ASP:N	1:A:74:ARG:NE	5	4.0
(1,19)	2:B:53:ASP:N	1:A:74:ARG:NH1	5	4.0
(1,19)	2:B:53:ASP:N	1:A:74:ARG:NH2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:74:ARG:O	5	4.0
(1,19)	2:B:53:ASP:N	1:A:75:GLY:C	5	4.0
(1,19)	2:B:53:ASP:N	1:A:75:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:75:GLY:H	5	4.0
(1,19)	2:B:53:ASP:N	1:A:75:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:75:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:75:GLY:N	5	4.0
(1,19)	2:B:53:ASP:N	1:A:75:GLY:O	5	4.0
(1,19)	2:B:53:ASP:N	1:A:76:GLY:C	5	4.0
(1,19)	2:B:53:ASP:N	1:A:76:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:N	1:A:76:GLY:H	5	4.0
(1,19)	2:B:53:ASP:N	1:A:76:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:N	1:A:76:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:N	1:A:76:GLY:N	5	4.0
(1,19)	2:B:53:ASP:N	1:A:76:GLY:O	5	4.0
(1,19)	2:B:53:ASP:O	1:A:2:GLN:C	5	4.0
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CB	5	4.0
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CD	5	4.0
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CG	5	4.0
(1,19)	2:B:53:ASP:O	1:A:2:GLN:H	5	4.0
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HB2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HB3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HE21	5	4.0
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HE22	5	4.0
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HG2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HG3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:2:GLN:N	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:2:GLN:NE2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:2:GLN:O	5	4.0
(1,19)	2:B:53:ASP:O	1:A:2:GLN:OE1	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:C	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:C	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:H	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:H	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:N	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:N	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:O	5	4.0
(1,19)	2:B:53:ASP:O	1:A:8:LEU:O	5	4.0
(1,19)	2:B:53:ASP:O	1:A:9:THR:C	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:9:THR:CA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:9:THR:CB	5	4.0
(1,19)	2:B:53:ASP:O	1:A:9:THR:CG2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:9:THR:H	5	4.0
(1,19)	2:B:53:ASP:O	1:A:9:THR:HA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:9:THR:HB	5	4.0
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG1	5	4.0
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG21	5	4.0
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG22	5	4.0
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG23	5	4.0
(1,19)	2:B:53:ASP:O	1:A:9:THR:N	5	4.0
(1,19)	2:B:53:ASP:O	1:A:9:THR:O	5	4.0
(1,19)	2:B:53:ASP:O	1:A:9:THR:OG1	5	4.0
(1,19)	2:B:53:ASP:O	1:A:10:GLY:C	5	4.0
(1,19)	2:B:53:ASP:O	1:A:10:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:10:GLY:H	5	4.0
(1,19)	2:B:53:ASP:O	1:A:10:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:10:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:10:GLY:N	5	4.0
(1,19)	2:B:53:ASP:O	1:A:10:GLY:O	5	4.0
(1,19)	2:B:53:ASP:O	1:A:12:3X9:C	5	4.0
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAB	5	4.0
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAC	5	4.0
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAD	5	4.0
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAI	5	4.0
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAJ	5	4.0
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAO	5	4.0
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAR	5	4.0
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAS	5	4.0
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CB	5	4.0
(1,19)	2:B:53:ASP:O	1:A:12:3X9:H	5	4.0
(1,19)	2:B:53:ASP:O	1:A:12:3X9:HA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:12:3X9:HAA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:12:3X9:HB3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:12:3X9:N	5	4.0
(1,19)	2:B:53:ASP:O	1:A:12:3X9:NAQ	5	4.0
(1,19)	2:B:53:ASP:O	1:A:12:3X9:O	5	4.0
(1,19)	2:B:53:ASP:O	1:A:12:3X9:OAH	5	4.0
(1,19)	2:B:53:ASP:O	1:A:12:3X9:SAL	5	4.0
(1,19)	2:B:53:ASP:O	1:A:12:3X9:SG	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:14:THR:C	5	4.0
(1,19)	2:B:53:ASP:O	1:A:14:THR:CA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:14:THR:CB	5	4.0
(1,19)	2:B:53:ASP:O	1:A:14:THR:CG2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:14:THR:H	5	4.0
(1,19)	2:B:53:ASP:O	1:A:14:THR:HA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:14:THR:HB	5	4.0
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG1	5	4.0
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG21	5	4.0
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG22	5	4.0
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG23	5	4.0
(1,19)	2:B:53:ASP:O	1:A:14:THR:N	5	4.0
(1,19)	2:B:53:ASP:O	1:A:14:THR:O	5	4.0
(1,19)	2:B:53:ASP:O	1:A:14:THR:OG1	5	4.0
(1,19)	2:B:53:ASP:O	1:A:39:ASP:C	5	4.0
(1,19)	2:B:53:ASP:O	1:A:39:ASP:CA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:39:ASP:CB	5	4.0
(1,19)	2:B:53:ASP:O	1:A:39:ASP:CG	5	4.0
(1,19)	2:B:53:ASP:O	1:A:39:ASP:H	5	4.0
(1,19)	2:B:53:ASP:O	1:A:39:ASP:HA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:39:ASP:HB2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:39:ASP:HB3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:39:ASP:N	5	4.0
(1,19)	2:B:53:ASP:O	1:A:39:ASP:O	5	4.0
(1,19)	2:B:53:ASP:O	1:A:39:ASP:OD1	5	4.0
(1,19)	2:B:53:ASP:O	1:A:39:ASP:OD2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:44:ILE:C	5	4.0
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CB	5	4.0
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CD1	5	4.0
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CG1	5	4.0
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CG2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:44:ILE:H	5	4.0
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HB	5	4.0
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HD11	5	4.0
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HD12	5	4.0
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HD13	5	4.0
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG12	5	4.0
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG13	5	4.0
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG21	5	4.0
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG22	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG23	5	4.0
(1,19)	2:B:53:ASP:O	1:A:44:ILE:N	5	4.0
(1,19)	2:B:53:ASP:O	1:A:44:ILE:O	5	4.0
(1,19)	2:B:53:ASP:O	1:A:46:ALA:C	5	4.0
(1,19)	2:B:53:ASP:O	1:A:46:ALA:CA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:46:ALA:CB	5	4.0
(1,19)	2:B:53:ASP:O	1:A:46:ALA:H	5	4.0
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HB1	5	4.0
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HB2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HB3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:46:ALA:N	5	4.0
(1,19)	2:B:53:ASP:O	1:A:46:ALA:O	5	4.0
(1,19)	2:B:53:ASP:O	1:A:47:GLY:C	5	4.0
(1,19)	2:B:53:ASP:O	1:A:47:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:47:GLY:H	5	4.0
(1,19)	2:B:53:ASP:O	1:A:47:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:47:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:47:GLY:N	5	4.0
(1,19)	2:B:53:ASP:O	1:A:47:GLY:O	5	4.0
(1,19)	2:B:53:ASP:O	1:A:48:LYS:C	5	4.0
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CB	5	4.0
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CD	5	4.0
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CE	5	4.0
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CG	5	4.0
(1,19)	2:B:53:ASP:O	1:A:48:LYS:H	5	4.0
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HB2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HB3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HD2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HD3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HE2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HE3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HG2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HG3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HZ1	5	4.0
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HZ2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HZ3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:48:LYS:N	5	4.0
(1,19)	2:B:53:ASP:O	1:A:48:LYS:NZ	5	4.0
(1,19)	2:B:53:ASP:O	1:A:48:LYS:O	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:49:GLN:C	5	4.0
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CB	5	4.0
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CD	5	4.0
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CG	5	4.0
(1,19)	2:B:53:ASP:O	1:A:49:GLN:H	5	4.0
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HB2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HB3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HE21	5	4.0
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HE22	5	4.0
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HG2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HG3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:49:GLN:N	5	4.0
(1,19)	2:B:53:ASP:O	1:A:49:GLN:NE2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:49:GLN:O	5	4.0
(1,19)	2:B:53:ASP:O	1:A:49:GLN:OE1	5	4.0
(1,19)	2:B:53:ASP:O	1:A:51:GLU:C	5	4.0
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CB	5	4.0
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CD	5	4.0
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CG	5	4.0
(1,19)	2:B:53:ASP:O	1:A:51:GLU:H	5	4.0
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HB2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HB3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HG2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HG3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:51:GLU:N	5	4.0
(1,19)	2:B:53:ASP:O	1:A:51:GLU:O	5	4.0
(1,19)	2:B:53:ASP:O	1:A:51:GLU:OE1	5	4.0
(1,19)	2:B:53:ASP:O	1:A:51:GLU:OE2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:52:ASP:C	5	4.0
(1,19)	2:B:53:ASP:O	1:A:52:ASP:CA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:52:ASP:CB	5	4.0
(1,19)	2:B:53:ASP:O	1:A:52:ASP:CG	5	4.0
(1,19)	2:B:53:ASP:O	1:A:52:ASP:H	5	4.0
(1,19)	2:B:53:ASP:O	1:A:52:ASP:HA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:52:ASP:HB2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:52:ASP:HB3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:52:ASP:N	5	4.0
(1,19)	2:B:53:ASP:O	1:A:52:ASP:O	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:52:ASP:OD1	5	4.0
(1,19)	2:B:53:ASP:O	1:A:52:ASP:OD2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:64:GLU:C	5	4.0
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CB	5	4.0
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CD	5	4.0
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CG	5	4.0
(1,19)	2:B:53:ASP:O	1:A:64:GLU:H	5	4.0
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HB2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HB3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HG2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HG3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:64:GLU:N	5	4.0
(1,19)	2:B:53:ASP:O	1:A:64:GLU:O	5	4.0
(1,19)	2:B:53:ASP:O	1:A:64:GLU:OE1	5	4.0
(1,19)	2:B:53:ASP:O	1:A:64:GLU:OE2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:68:HIS:C	5	4.0
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CB	5	4.0
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CD2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CE1	5	4.0
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CG	5	4.0
(1,19)	2:B:53:ASP:O	1:A:68:HIS:H	5	4.0
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HB2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HB3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HD1	5	4.0
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HD2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HE1	5	4.0
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HE2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:68:HIS:N	5	4.0
(1,19)	2:B:53:ASP:O	1:A:68:HIS:ND1	5	4.0
(1,19)	2:B:53:ASP:O	1:A:68:HIS:NE2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:68:HIS:O	5	4.0
(1,19)	2:B:53:ASP:O	1:A:71:LEU:C	5	4.0
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:O	1:A:71:LEU:H	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:O	1:A:71:LEU:N	5	4.0
(1,19)	2:B:53:ASP:O	1:A:71:LEU:O	5	4.0
(1,19)	2:B:53:ASP:O	1:A:72:ARG:C	5	4.0
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CB	5	4.0
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CD	5	4.0
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CG	5	4.0
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CZ	5	4.0
(1,19)	2:B:53:ASP:O	1:A:72:ARG:H	5	4.0
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HB2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HB3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HD2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HD3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HE	5	4.0
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HG2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HG3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH11	5	4.0
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH12	5	4.0
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH21	5	4.0
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH22	5	4.0
(1,19)	2:B:53:ASP:O	1:A:72:ARG:N	5	4.0
(1,19)	2:B:53:ASP:O	1:A:72:ARG:NE	5	4.0
(1,19)	2:B:53:ASP:O	1:A:72:ARG:NH1	5	4.0
(1,19)	2:B:53:ASP:O	1:A:72:ARG:NH2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:72:ARG:O	5	4.0
(1,19)	2:B:53:ASP:O	1:A:73:LEU:C	5	4.0
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CG	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:73:LEU:H	5	4.0
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:O	1:A:73:LEU:N	5	4.0
(1,19)	2:B:53:ASP:O	1:A:73:LEU:O	5	4.0
(1,19)	2:B:53:ASP:O	1:A:74:ARG:C	5	4.0
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CB	5	4.0
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CD	5	4.0
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CG	5	4.0
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CZ	5	4.0
(1,19)	2:B:53:ASP:O	1:A:74:ARG:H	5	4.0
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HB2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HB3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HD2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HD3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HE	5	4.0
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HG2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HG3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH11	5	4.0
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH12	5	4.0
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH21	5	4.0
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH22	5	4.0
(1,19)	2:B:53:ASP:O	1:A:74:ARG:N	5	4.0
(1,19)	2:B:53:ASP:O	1:A:74:ARG:NE	5	4.0
(1,19)	2:B:53:ASP:O	1:A:74:ARG:NH1	5	4.0
(1,19)	2:B:53:ASP:O	1:A:74:ARG:NH2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:74:ARG:O	5	4.0
(1,19)	2:B:53:ASP:O	1:A:75:GLY:C	5	4.0
(1,19)	2:B:53:ASP:O	1:A:75:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:75:GLY:H	5	4.0
(1,19)	2:B:53:ASP:O	1:A:75:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:75:GLY:HA3	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:75:GLY:N	5	4.0
(1,19)	2:B:53:ASP:O	1:A:75:GLY:O	5	4.0
(1,19)	2:B:53:ASP:O	1:A:76:GLY:C	5	4.0
(1,19)	2:B:53:ASP:O	1:A:76:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:O	1:A:76:GLY:H	5	4.0
(1,19)	2:B:53:ASP:O	1:A:76:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:O	1:A:76:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:O	1:A:76:GLY:N	5	4.0
(1,19)	2:B:53:ASP:O	1:A:76:GLY:O	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:C	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CB	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CD	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CG	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:H	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HB2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HB3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HE21	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HE22	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HG2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HG3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:N	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:NE2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:O	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:OE1	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:C	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:C	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:H	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:H	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HA	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:N	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:N	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:O	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:O	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:C	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:CA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:CB	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:CG2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:H	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HB	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG1	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG21	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG22	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG23	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:N	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:O	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:OG1	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:C	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:H	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:N	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:O	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:C	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAB	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAC	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAD	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAI	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAJ	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAO	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAR	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAS	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CB	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:H	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:HA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:HAA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:HB3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:N	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:NAQ	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:O	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:OAH	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:SAL	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:SG	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:C	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:CA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:CB	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:CG2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:H	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HB	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG1	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG21	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG22	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG23	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:N	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:O	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:OG1	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:C	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:CA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:CB	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:CG	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:H	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:HA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:HB2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:HB3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:N	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:O	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:OD1	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:OD2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:C	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CB	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CD1	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CG1	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CG2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:H	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HB	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HD11	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HD12	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HD13	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG12	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG13	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG21	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG22	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG23	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:N	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:O	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:C	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:CA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:CB	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:H	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HB1	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HB2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HB3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:N	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:O	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:C	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:H	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:N	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:O	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:C	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CB	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CD	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CE	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CG	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:H	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HB2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HB3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HD2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HD3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HE2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HE3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HG2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HG3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HZ1	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HZ2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HZ3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:N	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:NZ	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:O	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:C	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CB	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CD	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CG	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:H	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HB2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HB3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HE21	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HE22	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HG2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HG3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:N	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:NE2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:O	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:OE1	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:C	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CA	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CB	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CD	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CG	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:H	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HB2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HB3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HG2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HG3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:N	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:O	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:OE1	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:OE2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:C	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:CA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:CB	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:CG	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:H	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:HA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:HB2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:HB3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:N	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:O	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:OD1	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:OD2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:C	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CB	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CD	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CG	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:H	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HB2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HB3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HG2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HG3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:N	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:O	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:OE1	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:OE2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:C	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CA	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CB	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CD2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CE1	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CG	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:H	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HB2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HB3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HD1	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HD2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HE1	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HE2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:N	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:ND1	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:NE2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:O	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:C	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:H	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:N	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:O	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:C	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CB	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CD	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CG	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CZ	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:H	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HB2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HB3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HD2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HD3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HE	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HG2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HG3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH11	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH12	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH21	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH22	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:N	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:NE	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:NH1	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:NH2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:O	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:C	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:H	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:N	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:O	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:C	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CB	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CD	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CG	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CZ	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:H	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HB2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HB3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HD2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HD3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HE	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HG2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HG3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH11	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH12	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH21	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH22	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:N	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:NE	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:NH1	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:NH2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:O	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:C	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:H	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:N	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:O	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:C	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:H	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:N	5	4.0
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:O	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:C	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CB	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CD	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CG	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:H	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HB2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HB3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HE21	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HE22	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HG2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HG3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:N	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:NE2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:O	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:OE1	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:C	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:C	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:H	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:H	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:N	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:N	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:O	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:O	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:C	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:CA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:CB	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:CG2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:H	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HB	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG1	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG21	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG22	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG23	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:N	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:O	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:OG1	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:C	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:H	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:N	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:O	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:C	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAB	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAC	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAD	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAI	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAJ	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAO	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAR	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAS	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CB	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:H	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:HA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:HAA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:HB3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:N	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:NAQ	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:O	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:OAH	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:SAL	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:SG	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:C	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:CA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:CB	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:CG2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:H	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HB	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG1	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG21	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG22	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG23	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:N	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:O	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:OG1	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:C	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:CA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:CB	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:CG	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:H	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:HA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:HB2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:HB3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:N	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:O	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:OD1	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:OD2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:C	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CB	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CD1	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CG1	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CG2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:H	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HB	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HD11	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HD12	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HD13	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG12	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG13	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG21	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG22	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG23	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:N	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:O	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:C	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:CA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:CB	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:H	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HB1	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HB2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HB3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:N	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:O	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:C	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:H	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:N	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:O	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:C	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CB	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CD	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CE	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CG	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:H	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HB2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HB3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HD2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HD3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HE2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HE3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HG2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HG3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HZ1	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HZ2	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HZ3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:N	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:NZ	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:O	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:C	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CB	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CD	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CG	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:H	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HB2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HB3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HE21	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HE22	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HG2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HG3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:N	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:NE2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:O	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:OE1	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:C	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CB	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CD	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CG	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:H	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HB2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HB3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HG2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HG3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:N	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:O	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:OE1	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:OE2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:C	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:CA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:CB	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:CG	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:H	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:HA	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:HB2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:HB3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:N	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:O	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:OD1	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:OD2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:C	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CB	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CD	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CG	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:H	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HB2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HB3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HG2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HG3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:N	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:O	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:OE1	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:OE2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:C	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CB	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CD2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CE1	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CG	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:H	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HB2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HB3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HD1	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HD2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HE1	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HE2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:N	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:ND1	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:NE2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:O	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:C	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CB	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:H	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:N	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:O	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:C	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CB	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CD	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CG	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CZ	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:H	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HB2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HB3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HD2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HD3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HE	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HG2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HG3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH11	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH12	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH21	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH22	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:N	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:NE	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:NH1	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:NH2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:O	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:C	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CA	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CB	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CD1	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CD2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CG	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:H	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HB2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HB3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD11	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD12	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD13	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD21	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD22	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD23	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HG	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:N	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:O	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:C	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CB	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CD	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CG	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CZ	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:H	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HB2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HB3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HD2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HD3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HE	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HG2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HG3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH11	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH12	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH21	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH22	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:N	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:NE	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:NH1	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:NH2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:O	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:C	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:H	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:N	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:O	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:C	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:CA	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:H	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:HA2	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:HA3	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:N	5	4.0
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:O	5	4.0
(1,19)	2:B:53:ASP:C	1:A:2:GLN:C	6	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CB	6	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CD	6	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CG	6	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:H	6	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HB2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HB3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HE21	6	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HE22	6	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HG2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HG3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:N	6	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:NE2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:O	6	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:OE1	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:C	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:C	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CG	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:8:LEU:H	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:H	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:N	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:N	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:O	6	3.94
(1,19)	2:B:53:ASP:C	1:A:8:LEU:O	6	3.94
(1,19)	2:B:53:ASP:C	1:A:9:THR:C	6	3.94
(1,19)	2:B:53:ASP:C	1:A:9:THR:CA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:9:THR:CB	6	3.94
(1,19)	2:B:53:ASP:C	1:A:9:THR:CG2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:9:THR:H	6	3.94
(1,19)	2:B:53:ASP:C	1:A:9:THR:HA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:9:THR:HB	6	3.94
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG1	6	3.94
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG21	6	3.94
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG22	6	3.94
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG23	6	3.94
(1,19)	2:B:53:ASP:C	1:A:9:THR:N	6	3.94
(1,19)	2:B:53:ASP:C	1:A:9:THR:O	6	3.94
(1,19)	2:B:53:ASP:C	1:A:9:THR:OG1	6	3.94
(1,19)	2:B:53:ASP:C	1:A:10:GLY:C	6	3.94
(1,19)	2:B:53:ASP:C	1:A:10:GLY:CA	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:10:GLY:H	6	3.94
(1,19)	2:B:53:ASP:C	1:A:10:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:10:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:10:GLY:N	6	3.94
(1,19)	2:B:53:ASP:C	1:A:10:GLY:O	6	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:C	6	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAB	6	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAC	6	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAD	6	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAI	6	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAJ	6	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAO	6	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAR	6	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAS	6	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CB	6	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:H	6	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:HA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:HAA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:HB3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:N	6	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:NAQ	6	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:O	6	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:OAH	6	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:SAL	6	3.94
(1,19)	2:B:53:ASP:C	1:A:12:3X9:SG	6	3.94
(1,19)	2:B:53:ASP:C	1:A:14:THR:C	6	3.94
(1,19)	2:B:53:ASP:C	1:A:14:THR:CA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:14:THR:CB	6	3.94
(1,19)	2:B:53:ASP:C	1:A:14:THR:CG2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:14:THR:H	6	3.94
(1,19)	2:B:53:ASP:C	1:A:14:THR:HA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:14:THR:HB	6	3.94
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG1	6	3.94
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG21	6	3.94
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG22	6	3.94
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG23	6	3.94
(1,19)	2:B:53:ASP:C	1:A:14:THR:N	6	3.94
(1,19)	2:B:53:ASP:C	1:A:14:THR:O	6	3.94
(1,19)	2:B:53:ASP:C	1:A:14:THR:OG1	6	3.94
(1,19)	2:B:53:ASP:C	1:A:39:ASP:C	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:39:ASP:CA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:39:ASP:CB	6	3.94
(1,19)	2:B:53:ASP:C	1:A:39:ASP:CG	6	3.94
(1,19)	2:B:53:ASP:C	1:A:39:ASP:H	6	3.94
(1,19)	2:B:53:ASP:C	1:A:39:ASP:HA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:39:ASP:HB2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:39:ASP:HB3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:39:ASP:N	6	3.94
(1,19)	2:B:53:ASP:C	1:A:39:ASP:O	6	3.94
(1,19)	2:B:53:ASP:C	1:A:39:ASP:OD1	6	3.94
(1,19)	2:B:53:ASP:C	1:A:39:ASP:OD2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:C	6	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CB	6	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CD1	6	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CG1	6	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CG2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:H	6	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HB	6	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HD11	6	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HD12	6	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HD13	6	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG12	6	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG13	6	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG21	6	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG22	6	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG23	6	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:N	6	3.94
(1,19)	2:B:53:ASP:C	1:A:44:ILE:O	6	3.94
(1,19)	2:B:53:ASP:C	1:A:46:ALA:C	6	3.94
(1,19)	2:B:53:ASP:C	1:A:46:ALA:CA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:46:ALA:CB	6	3.94
(1,19)	2:B:53:ASP:C	1:A:46:ALA:H	6	3.94
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HB1	6	3.94
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HB2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HB3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:46:ALA:N	6	3.94
(1,19)	2:B:53:ASP:C	1:A:46:ALA:O	6	3.94
(1,19)	2:B:53:ASP:C	1:A:47:GLY:C	6	3.94
(1,19)	2:B:53:ASP:C	1:A:47:GLY:CA	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:47:GLY:H	6	3.94
(1,19)	2:B:53:ASP:C	1:A:47:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:47:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:47:GLY:N	6	3.94
(1,19)	2:B:53:ASP:C	1:A:47:GLY:O	6	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:C	6	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CB	6	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CD	6	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CE	6	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CG	6	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:H	6	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HB2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HB3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HD2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HD3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HE2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HE3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HG2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HG3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HZ1	6	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HZ2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HZ3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:N	6	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:NZ	6	3.94
(1,19)	2:B:53:ASP:C	1:A:48:LYS:O	6	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:C	6	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CB	6	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CD	6	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CG	6	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:H	6	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HB2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HB3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HE21	6	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HE22	6	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HG2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HG3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:N	6	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:NE2	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:49:GLN:O	6	3.94
(1,19)	2:B:53:ASP:C	1:A:49:GLN:OE1	6	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:C	6	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CB	6	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CD	6	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CG	6	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:H	6	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HB2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HB3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HG2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HG3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:N	6	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:O	6	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:OE1	6	3.94
(1,19)	2:B:53:ASP:C	1:A:51:GLU:OE2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:52:ASP:C	6	3.94
(1,19)	2:B:53:ASP:C	1:A:52:ASP:CA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:52:ASP:CB	6	3.94
(1,19)	2:B:53:ASP:C	1:A:52:ASP:CG	6	3.94
(1,19)	2:B:53:ASP:C	1:A:52:ASP:H	6	3.94
(1,19)	2:B:53:ASP:C	1:A:52:ASP:HA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:52:ASP:HB2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:52:ASP:HB3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:52:ASP:N	6	3.94
(1,19)	2:B:53:ASP:C	1:A:52:ASP:O	6	3.94
(1,19)	2:B:53:ASP:C	1:A:52:ASP:OD1	6	3.94
(1,19)	2:B:53:ASP:C	1:A:52:ASP:OD2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:64:GLU:C	6	3.94
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CB	6	3.94
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CD	6	3.94
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CG	6	3.94
(1,19)	2:B:53:ASP:C	1:A:64:GLU:H	6	3.94
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HB2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HB3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HG2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HG3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:64:GLU:N	6	3.94
(1,19)	2:B:53:ASP:C	1:A:64:GLU:O	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:64:GLU:OE1	6	3.94
(1,19)	2:B:53:ASP:C	1:A:64:GLU:OE2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:C	6	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CB	6	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CD2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CE1	6	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CG	6	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:H	6	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HB2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HB3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HD1	6	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HD2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HE1	6	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HE2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:N	6	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:ND1	6	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:NE2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:68:HIS:O	6	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:C	6	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:H	6	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:N	6	3.94
(1,19)	2:B:53:ASP:C	1:A:71:LEU:O	6	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:C	6	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CB	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CD	6	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CG	6	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CZ	6	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:H	6	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HB2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HB3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HD2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HD3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HE	6	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HG2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HG3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH11	6	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH12	6	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH21	6	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH22	6	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:N	6	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:NE	6	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:NH1	6	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:NH2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:72:ARG:O	6	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:C	6	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:H	6	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:N	6	3.94
(1,19)	2:B:53:ASP:C	1:A:73:LEU:O	6	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:C	6	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CA	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CB	6	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CD	6	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CG	6	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CZ	6	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:H	6	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HB2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HB3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HD2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HD3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HE	6	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HG2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HG3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH11	6	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH12	6	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH21	6	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH22	6	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:N	6	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:NE	6	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:NH1	6	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:NH2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:74:ARG:O	6	3.94
(1,19)	2:B:53:ASP:C	1:A:75:GLY:C	6	3.94
(1,19)	2:B:53:ASP:C	1:A:75:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:75:GLY:H	6	3.94
(1,19)	2:B:53:ASP:C	1:A:75:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:75:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:75:GLY:N	6	3.94
(1,19)	2:B:53:ASP:C	1:A:75:GLY:O	6	3.94
(1,19)	2:B:53:ASP:C	1:A:76:GLY:C	6	3.94
(1,19)	2:B:53:ASP:C	1:A:76:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:C	1:A:76:GLY:H	6	3.94
(1,19)	2:B:53:ASP:C	1:A:76:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:C	1:A:76:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:C	1:A:76:GLY:N	6	3.94
(1,19)	2:B:53:ASP:C	1:A:76:GLY:O	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:C	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CB	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CD	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CG	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:H	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HB2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HB3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HE21	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HE22	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HG2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HG3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:N	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:NE2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:O	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:OE1	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:C	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:C	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:H	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:H	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD23	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:N	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:N	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:O	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:O	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:9:THR:C	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:9:THR:CA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:9:THR:CB	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:9:THR:CG2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:9:THR:H	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HB	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG1	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG21	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG22	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG23	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:9:THR:N	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:9:THR:O	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:9:THR:OG1	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:C	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:H	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:N	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:O	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:C	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAB	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAC	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAD	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAI	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAJ	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAO	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAR	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAS	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CB	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:H	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:HA	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:HAA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:HB3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:N	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:NAQ	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:O	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:OAH	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:SAL	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:SG	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:14:THR:C	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:14:THR:CA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:14:THR:CB	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:14:THR:CG2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:14:THR:H	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HB	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG1	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG21	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG22	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG23	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:14:THR:N	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:14:THR:O	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:14:THR:OG1	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:C	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:CA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:CB	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:CG	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:H	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:HA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:HB2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:HB3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:N	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:O	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:OD1	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:OD2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:C	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CB	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CD1	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CG1	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CG2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:H	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HA	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HB	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HD11	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HD12	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HD13	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG12	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG13	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG21	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG22	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG23	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:N	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:O	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:C	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:CA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:CB	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:H	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HB1	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HB2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HB3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:N	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:O	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:C	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:H	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:N	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:O	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:C	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CB	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CD	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CE	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CG	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:H	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HB2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HB3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HD2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HD3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HE2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HE3	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HG2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HG3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HZ1	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HZ2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HZ3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:N	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:NZ	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:O	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:C	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CB	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CD	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CG	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:H	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HB2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HB3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HE21	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HE22	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HG2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HG3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:N	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:NE2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:O	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:OE1	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:C	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CB	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CD	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CG	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:H	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HB2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HB3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HG2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HG3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:N	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:O	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:OE1	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:OE2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:C	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:CA	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:CB	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:CG	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:H	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:HA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:HB2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:HB3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:N	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:O	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:OD1	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:OD2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:C	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CB	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CD	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CG	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:H	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HB2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HB3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HG2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HG3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:N	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:O	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:OE1	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:OE2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:C	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CB	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CD2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CE1	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CG	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:H	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HB2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HB3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HD1	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HD2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HE1	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HE2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:N	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:ND1	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:NE2	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:O	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:C	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:H	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:N	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:O	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:C	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CB	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CD	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CG	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CZ	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:H	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HB2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HB3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HD2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HD3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HE	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HG2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HG3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH11	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH12	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH21	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH22	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:N	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:NE	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:NH1	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:NH2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:O	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:C	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:H	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:N	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:O	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:C	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CB	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CD	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CG	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CZ	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:H	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HB2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HB3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HD2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HD3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HE	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HG2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HG3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH11	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH12	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH21	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH22	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:N	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:NE	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:NH1	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:NH2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:O	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:C	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:H	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:N	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:O	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:C	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:H	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:N	6	3.94
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:O	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:C	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CB	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CD	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CG	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:H	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HB2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HB3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HE21	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HE22	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HG2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HG3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:N	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:NE2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:O	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:OE1	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:C	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:C	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD1	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:H	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:H	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:N	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:N	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:O	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:O	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:9:THR:C	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:9:THR:CA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:9:THR:CB	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:9:THR:CG2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:9:THR:H	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HB	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG1	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG21	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG22	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG23	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:9:THR:N	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:9:THR:O	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:9:THR:OG1	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:C	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:H	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:N	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:O	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:C	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAB	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAC	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAD	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAI	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAJ	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAO	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAR	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAS	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CB	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:H	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:HA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:HAA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:HB3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:N	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:NAQ	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:O	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:OAH	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:SAL	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:SG	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:14:THR:C	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:14:THR:CA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:14:THR:CB	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:14:THR:CG2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:14:THR:H	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HB	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG1	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG21	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG22	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG23	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:14:THR:N	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:14:THR:O	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:14:THR:OG1	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:C	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:CA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:CB	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:CG	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:H	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:HA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:HB2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:HB3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:N	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:O	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:OD1	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:OD2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:C	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CB	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CD1	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CG1	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CG2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:H	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HB	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HD11	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HD12	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HD13	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG12	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG13	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG21	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG22	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG23	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:N	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:O	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:C	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:CA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:CB	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:H	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HB1	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HB2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HB3	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:N	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:O	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:C	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:H	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:N	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:O	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:C	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CB	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CD	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CE	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CG	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:H	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HB2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HB3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HD2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HD3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HE2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HE3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HG2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HG3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HZ1	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HZ2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HZ3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:N	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:NZ	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:O	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:C	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CB	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CD	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CG	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:H	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HB2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HB3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HE21	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HE22	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HG2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HG3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:N	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:NE2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:O	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:OE1	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:C	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CB	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CD	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CG	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:H	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HB2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HB3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HG2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HG3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:N	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:O	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:OE1	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:OE2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:C	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:CA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:CB	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:CG	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:H	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:HA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:HB2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:HB3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:N	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:O	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:OD1	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:OD2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:C	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CB	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CD	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CG	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:H	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HB2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HB3	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HG2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HG3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:N	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:O	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:OE1	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:OE2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:C	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CB	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CD2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CE1	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CG	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:H	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HB2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HB3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HD1	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HD2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HE1	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HE2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:N	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:ND1	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:NE2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:O	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:C	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:H	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:N	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:O	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:C	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CB	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CD	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CG	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CZ	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:H	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HB2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HB3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HD2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HD3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HE	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HG2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HG3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH11	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH12	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH21	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH22	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:N	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:NE	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:NH1	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:NH2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:O	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:C	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:H	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HG	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:N	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:O	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:C	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CB	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CD	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CG	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CZ	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:H	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HB2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HB3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HD2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HD3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HE	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HG2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HG3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH11	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH12	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH21	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH22	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:N	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:NE	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:NH1	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:NH2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:O	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:C	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:H	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:N	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:O	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:C	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:H	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:N	6	3.94
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:O	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:C	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CA	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CB	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CD	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CG	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:H	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HB2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HB3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HE21	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HE22	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HG2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HG3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:N	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:NE2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:O	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:OE1	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:C	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:C	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:H	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:H	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD21	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:N	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:N	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:O	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:O	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:9:THR:C	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:9:THR:CA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:9:THR:CB	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:9:THR:CG2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:9:THR:H	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HB	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG1	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG21	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG22	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG23	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:9:THR:N	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:9:THR:O	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:9:THR:OG1	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:C	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:H	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:N	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:O	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:C	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAB	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAC	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAD	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAI	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAJ	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAO	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAR	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAS	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CB	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:H	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:HA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:HAA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:HB3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:N	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:NAQ	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:O	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:OAH	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:SAL	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:SG	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:14:THR:C	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:14:THR:CA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:14:THR:CB	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:14:THR:CG2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:14:THR:H	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HB	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG1	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG21	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG22	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG23	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:14:THR:N	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:14:THR:O	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:14:THR:OG1	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:C	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:CA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:CB	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:CG	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:H	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:HA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:HB2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:HB3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:N	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:O	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:OD1	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:OD2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:C	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CB	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CD1	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CG1	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CG2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:H	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HB	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HD11	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HD12	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HD13	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG12	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG13	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG21	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG22	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG23	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:N	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:O	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:C	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:CA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:CB	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:H	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HB1	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HB2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HB3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:N	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:O	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:C	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:H	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:N	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:O	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:C	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CB	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CD	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CE	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CG	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:H	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HB2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HB3	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HD2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HD3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HE2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HE3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HG2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HG3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HZ1	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HZ2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HZ3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:N	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:NZ	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:O	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:C	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CB	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CD	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CG	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:H	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HB2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HB3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HE21	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HE22	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HG2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HG3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:N	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:NE2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:O	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:OE1	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:C	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CB	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CD	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CG	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:H	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HB2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HB3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HG2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HG3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:N	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:O	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:OE1	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:OE2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:C	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:CA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:CB	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:CG	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:H	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:HA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:HB2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:HB3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:N	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:O	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:OD1	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:OD2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:C	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CB	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CD	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CG	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:H	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HB2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HB3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HG2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HG3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:N	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:O	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:OE1	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:OE2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:C	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CB	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CD2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CE1	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CG	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:H	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HB2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HB3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HD1	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HD2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HE1	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HE2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:N	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:ND1	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:NE2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:O	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:C	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:H	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:N	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:O	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:C	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CB	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CD	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CG	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CZ	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:H	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HB2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HB3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HD2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HD3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HE	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HG2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HG3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH11	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH12	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH21	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH22	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:N	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:NE	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:NH1	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:NH2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:O	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:C	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:H	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:N	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:O	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:C	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CB	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CD	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CG	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CZ	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:H	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HB2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HB3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HD2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HD3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HE	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HG2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HG3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH11	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH12	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH21	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH22	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:N	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:NE	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:NH1	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:NH2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:O	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:C	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:H	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:N	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:O	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:C	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:H	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:N	6	3.94
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:O	6	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:C	6	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CB	6	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CD	6	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CG	6	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:H	6	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HB2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HB3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HE21	6	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HE22	6	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HG2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HG3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:N	6	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:NE2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:O	6	3.94
(1,19)	2:B:53:ASP:H	1:A:2:GLN:OE1	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:C	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:C	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CA	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:H	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:H	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:N	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:N	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:O	6	3.94
(1,19)	2:B:53:ASP:H	1:A:8:LEU:O	6	3.94
(1,19)	2:B:53:ASP:H	1:A:9:THR:C	6	3.94
(1,19)	2:B:53:ASP:H	1:A:9:THR:CA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:9:THR:CB	6	3.94
(1,19)	2:B:53:ASP:H	1:A:9:THR:CG2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:9:THR:H	6	3.94
(1,19)	2:B:53:ASP:H	1:A:9:THR:HA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:9:THR:HB	6	3.94
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG1	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG21	6	3.94
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG22	6	3.94
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG23	6	3.94
(1,19)	2:B:53:ASP:H	1:A:9:THR:N	6	3.94
(1,19)	2:B:53:ASP:H	1:A:9:THR:O	6	3.94
(1,19)	2:B:53:ASP:H	1:A:9:THR:OG1	6	3.94
(1,19)	2:B:53:ASP:H	1:A:10:GLY:C	6	3.94
(1,19)	2:B:53:ASP:H	1:A:10:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:10:GLY:H	6	3.94
(1,19)	2:B:53:ASP:H	1:A:10:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:10:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:10:GLY:N	6	3.94
(1,19)	2:B:53:ASP:H	1:A:10:GLY:O	6	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:C	6	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAB	6	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAC	6	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAD	6	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAI	6	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAJ	6	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAO	6	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAR	6	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAS	6	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CB	6	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:H	6	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:HA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:HAA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:HB3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:N	6	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:NAQ	6	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:O	6	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:OAH	6	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:SAL	6	3.94
(1,19)	2:B:53:ASP:H	1:A:12:3X9:SG	6	3.94
(1,19)	2:B:53:ASP:H	1:A:14:THR:C	6	3.94
(1,19)	2:B:53:ASP:H	1:A:14:THR:CA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:14:THR:CB	6	3.94
(1,19)	2:B:53:ASP:H	1:A:14:THR:CG2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:14:THR:H	6	3.94
(1,19)	2:B:53:ASP:H	1:A:14:THR:HA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:14:THR:HB	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG1	6	3.94
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG21	6	3.94
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG22	6	3.94
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG23	6	3.94
(1,19)	2:B:53:ASP:H	1:A:14:THR:N	6	3.94
(1,19)	2:B:53:ASP:H	1:A:14:THR:O	6	3.94
(1,19)	2:B:53:ASP:H	1:A:14:THR:OG1	6	3.94
(1,19)	2:B:53:ASP:H	1:A:39:ASP:C	6	3.94
(1,19)	2:B:53:ASP:H	1:A:39:ASP:CA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:39:ASP:CB	6	3.94
(1,19)	2:B:53:ASP:H	1:A:39:ASP:CG	6	3.94
(1,19)	2:B:53:ASP:H	1:A:39:ASP:H	6	3.94
(1,19)	2:B:53:ASP:H	1:A:39:ASP:HA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:39:ASP:HB2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:39:ASP:HB3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:39:ASP:N	6	3.94
(1,19)	2:B:53:ASP:H	1:A:39:ASP:O	6	3.94
(1,19)	2:B:53:ASP:H	1:A:39:ASP:OD1	6	3.94
(1,19)	2:B:53:ASP:H	1:A:39:ASP:OD2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:C	6	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CB	6	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CD1	6	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CG1	6	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CG2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:H	6	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HB	6	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HD11	6	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HD12	6	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HD13	6	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG12	6	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG13	6	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG21	6	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG22	6	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG23	6	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:N	6	3.94
(1,19)	2:B:53:ASP:H	1:A:44:ILE:O	6	3.94
(1,19)	2:B:53:ASP:H	1:A:46:ALA:C	6	3.94
(1,19)	2:B:53:ASP:H	1:A:46:ALA:CA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:46:ALA:CB	6	3.94
(1,19)	2:B:53:ASP:H	1:A:46:ALA:H	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HB1	6	3.94
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HB2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HB3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:46:ALA:N	6	3.94
(1,19)	2:B:53:ASP:H	1:A:46:ALA:O	6	3.94
(1,19)	2:B:53:ASP:H	1:A:47:GLY:C	6	3.94
(1,19)	2:B:53:ASP:H	1:A:47:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:47:GLY:H	6	3.94
(1,19)	2:B:53:ASP:H	1:A:47:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:47:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:47:GLY:N	6	3.94
(1,19)	2:B:53:ASP:H	1:A:47:GLY:O	6	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:C	6	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CB	6	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CD	6	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CE	6	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CG	6	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:H	6	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HB2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HB3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HD2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HD3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HE2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HE3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HG2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HG3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HZ1	6	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HZ2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HZ3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:N	6	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:NZ	6	3.94
(1,19)	2:B:53:ASP:H	1:A:48:LYS:O	6	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:C	6	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CB	6	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CD	6	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CG	6	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:H	6	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HA	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HB2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HB3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HE21	6	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HE22	6	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HG2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HG3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:N	6	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:NE2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:O	6	3.94
(1,19)	2:B:53:ASP:H	1:A:49:GLN:OE1	6	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:C	6	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CB	6	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CD	6	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CG	6	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:H	6	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HB2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HB3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HG2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HG3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:N	6	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:O	6	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:OE1	6	3.94
(1,19)	2:B:53:ASP:H	1:A:51:GLU:OE2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:52:ASP:C	6	3.94
(1,19)	2:B:53:ASP:H	1:A:52:ASP:CA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:52:ASP:CB	6	3.94
(1,19)	2:B:53:ASP:H	1:A:52:ASP:CG	6	3.94
(1,19)	2:B:53:ASP:H	1:A:52:ASP:H	6	3.94
(1,19)	2:B:53:ASP:H	1:A:52:ASP:HA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:52:ASP:HB2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:52:ASP:HB3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:52:ASP:N	6	3.94
(1,19)	2:B:53:ASP:H	1:A:52:ASP:O	6	3.94
(1,19)	2:B:53:ASP:H	1:A:52:ASP:OD1	6	3.94
(1,19)	2:B:53:ASP:H	1:A:52:ASP:OD2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:C	6	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CB	6	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CD	6	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CG	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:64:GLU:H	6	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HB2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HB3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HG2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HG3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:N	6	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:O	6	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:OE1	6	3.94
(1,19)	2:B:53:ASP:H	1:A:64:GLU:OE2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:C	6	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CB	6	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CD2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CE1	6	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CG	6	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:H	6	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HB2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HB3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HD1	6	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HD2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HE1	6	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HE2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:N	6	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:ND1	6	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:NE2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:68:HIS:O	6	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:C	6	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:H	6	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD21	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:N	6	3.94
(1,19)	2:B:53:ASP:H	1:A:71:LEU:O	6	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:C	6	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CB	6	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CD	6	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CG	6	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CZ	6	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:H	6	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HB2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HB3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HD2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HD3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HE	6	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HG2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HG3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH11	6	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH12	6	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH21	6	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH22	6	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:N	6	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:NE	6	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:NH1	6	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:NH2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:72:ARG:O	6	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:C	6	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:H	6	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD13	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:N	6	3.94
(1,19)	2:B:53:ASP:H	1:A:73:LEU:O	6	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:C	6	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CB	6	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CD	6	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CG	6	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CZ	6	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:H	6	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HB2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HB3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HD2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HD3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HE	6	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HG2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HG3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH11	6	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH12	6	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH21	6	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH22	6	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:N	6	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:NE	6	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:NH1	6	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:NH2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:74:ARG:O	6	3.94
(1,19)	2:B:53:ASP:H	1:A:75:GLY:C	6	3.94
(1,19)	2:B:53:ASP:H	1:A:75:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:75:GLY:H	6	3.94
(1,19)	2:B:53:ASP:H	1:A:75:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:75:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:H	1:A:75:GLY:N	6	3.94
(1,19)	2:B:53:ASP:H	1:A:75:GLY:O	6	3.94
(1,19)	2:B:53:ASP:H	1:A:76:GLY:C	6	3.94
(1,19)	2:B:53:ASP:H	1:A:76:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:H	1:A:76:GLY:H	6	3.94
(1,19)	2:B:53:ASP:H	1:A:76:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:H	1:A:76:GLY:HA3	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:76:GLY:N	6	3.94
(1,19)	2:B:53:ASP:H	1:A:76:GLY:O	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:C	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CB	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CD	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CG	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:H	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HB2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HB3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HE21	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HE22	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HG2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HG3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:N	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:NE2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:O	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:OE1	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:C	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:C	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:H	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:H	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD12	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:N	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:N	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:O	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:O	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:9:THR:C	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:9:THR:CA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:9:THR:CB	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:9:THR:CG2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:9:THR:H	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HB	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG1	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG21	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG22	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG23	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:9:THR:N	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:9:THR:O	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:9:THR:OG1	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:C	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:H	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:N	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:O	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:C	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAB	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAC	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAD	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAI	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAJ	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAO	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAR	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAS	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CB	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:H	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:HA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:HAA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:HB3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:N	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:NAQ	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:O	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:OAH	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:SAL	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:SG	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:14:THR:C	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:14:THR:CA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:14:THR:CB	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:14:THR:CG2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:14:THR:H	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HB	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG1	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG21	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG22	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG23	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:14:THR:N	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:14:THR:O	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:14:THR:OG1	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:C	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:CA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:CB	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:CG	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:H	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:HA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:HB2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:HB3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:N	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:O	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:OD1	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:OD2	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:C	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CB	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CD1	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CG1	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CG2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:H	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HB	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HD11	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HD12	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HD13	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG12	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG13	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG21	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG22	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG23	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:N	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:O	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:C	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:CA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:CB	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:H	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HB1	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HB2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HB3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:N	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:O	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:C	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:H	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:N	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:O	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:C	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CB	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CD	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CE	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CG	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:H	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HB2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HB3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HD2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HD3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HE2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HE3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HG2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HG3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HZ1	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HZ2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HZ3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:N	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:NZ	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:O	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:C	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CB	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CD	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CG	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:H	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HB2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HB3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HE21	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HE22	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HG2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HG3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:N	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:NE2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:O	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:OE1	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:C	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CB	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CD	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CG	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:H	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HB2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HB3	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HG2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HG3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:N	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:O	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:OE1	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:OE2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:C	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:CA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:CB	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:CG	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:H	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:HA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:HB2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:HB3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:N	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:O	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:OD1	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:OD2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:C	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CB	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CD	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CG	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:H	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HB2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HB3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HG2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HG3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:N	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:O	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:OE1	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:OE2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:C	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CB	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CD2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CE1	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CG	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:H	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HB2	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HB3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HD1	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HD2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HE1	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HE2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:N	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:ND1	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:NE2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:O	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:C	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:H	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:N	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:O	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:C	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CB	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CD	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CG	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CZ	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:H	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HB2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HB3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HD2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HD3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HE	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HG2	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HG3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH11	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH12	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH21	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH22	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:N	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:NE	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:NH1	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:NH2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:O	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:C	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:H	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:N	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:O	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:C	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CB	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CD	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CG	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CZ	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:H	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HB2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HB3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HD2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HD3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HE	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HG2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HG3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH11	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH12	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH21	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH22	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:N	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:NE	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:NH1	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:NH2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:O	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:C	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:H	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:N	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:O	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:C	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:H	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:N	6	3.94
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:O	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:C	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CB	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CD	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CG	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:H	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HB2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HB3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HE21	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HE22	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HG2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HG3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:N	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:NE2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:O	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:OE1	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:C	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:C	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:H	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:H	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:N	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:N	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:O	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:O	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:C	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:CA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:CB	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:CG2	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:H	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HB	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG1	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG21	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG22	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG23	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:N	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:O	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:OG1	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:C	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:H	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:N	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:O	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:C	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAB	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAC	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAD	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAI	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAJ	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAO	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAR	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAS	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CB	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:H	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:HA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:HAA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:HB3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:N	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:NAQ	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:O	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:OAH	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:SAL	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:SG	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:C	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:CA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:CB	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:CG2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:H	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HB	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG1	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG21	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG22	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG23	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:N	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:O	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:OG1	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:C	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:CA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:CB	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:CG	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:H	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:HA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:HB2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:HB3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:N	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:O	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:OD1	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:OD2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:C	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CB	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CD1	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CG1	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CG2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:H	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HB	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HD11	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HD12	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HD13	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG12	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG13	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG21	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG22	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG23	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:N	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:O	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:C	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:CA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:CB	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:H	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HB1	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HB2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HB3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:N	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:O	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:C	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:H	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:N	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:O	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:C	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CB	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CD	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CE	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CG	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:H	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HB2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HB3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HD2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HD3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HE2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HE3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HG2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HG3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HZ1	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HZ2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HZ3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:N	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:NZ	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:O	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:C	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CB	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CD	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CG	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:H	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HB2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HB3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HE21	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HE22	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HG2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HG3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:N	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:NE2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:O	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:OE1	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:C	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CB	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CD	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CG	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:H	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HB2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HB3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HG2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HG3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:N	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:O	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:OE1	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:OE2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:C	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:CA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:CB	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:CG	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:H	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:HA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:HB2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:HB3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:N	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:O	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:OD1	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:OD2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:C	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CB	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CD	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CG	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:H	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HB2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HB3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HG2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HG3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:N	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:O	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:OE1	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:OE2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:C	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CB	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CD2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CE1	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CG	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:H	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HB2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HB3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HD1	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HD2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HE1	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HE2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:N	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:ND1	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:NE2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:O	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:C	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:H	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HB3	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:N	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:O	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:C	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CB	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CD	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CG	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CZ	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:H	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HB2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HB3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HD2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HD3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HE	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HG2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HG3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH11	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH12	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH21	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH22	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:N	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:NE	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:NH1	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:NH2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:O	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:C	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:H	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HB2	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:N	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:O	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:C	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CB	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CD	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CG	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CZ	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:H	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HB2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HB3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HD2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HD3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HE	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HG2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HG3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH11	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH12	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH21	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH22	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:N	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:NE	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:NH1	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:NH2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:O	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:C	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:H	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:N	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:O	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:C	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:H	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:N	6	3.94
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:O	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:C	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CB	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CD	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CG	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:H	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HB2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HB3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HE21	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HE22	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HG2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HG3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:N	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:NE2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:O	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:OE1	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:C	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:C	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:H	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:H	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB3	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:N	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:N	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:O	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:O	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:C	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:CA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:CB	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:CG2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:H	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HB	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG1	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG21	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG22	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG23	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:N	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:O	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:OG1	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:C	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:H	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:N	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:O	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:C	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CA	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAB	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAC	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAD	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAI	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAJ	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAO	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAR	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAS	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CB	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:H	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:HA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:HAA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:HB3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:N	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:NAQ	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:O	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:OAH	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:SAL	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:SG	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:C	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:CA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:CB	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:CG2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:H	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HB	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG1	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG21	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG22	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG23	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:N	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:O	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:OG1	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:C	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:CA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:CB	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:CG	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:H	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:HA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:HB2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:HB3	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:N	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:O	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:OD1	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:OD2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:C	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CB	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CD1	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CG1	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CG2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:H	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HB	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HD11	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HD12	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HD13	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG12	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG13	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG21	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG22	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG23	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:N	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:O	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:C	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:CA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:CB	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:H	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HB1	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HB2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HB3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:N	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:O	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:C	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:H	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:N	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:O	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:C	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CA	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CB	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CD	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CE	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CG	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:H	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HB2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HB3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HD2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HD3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HE2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HE3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HG2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HG3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HZ1	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HZ2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HZ3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:N	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:NZ	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:O	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:C	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CB	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CD	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CG	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:H	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HB2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HB3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HE21	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HE22	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HG2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HG3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:N	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:NE2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:O	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:OE1	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:C	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CB	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CD	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CG	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:H	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HB2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HB3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HG2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HG3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:N	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:O	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:OE1	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:OE2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:C	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:CA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:CB	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:CG	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:H	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:HA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:HB2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:HB3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:N	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:O	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:OD1	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:OD2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:C	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CB	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CD	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CG	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:H	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HB2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HB3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HG2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HG3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:N	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:O	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:OE1	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:OE2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:C	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CB	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CD2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CE1	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CG	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:H	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HB2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HB3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HD1	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HD2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HE1	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HE2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:N	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:ND1	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:NE2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:O	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:C	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:H	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:N	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:O	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:C	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CB	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CD	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CG	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CZ	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:H	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HB2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HB3	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HD2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HD3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HE	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HG2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HG3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH11	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH12	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH21	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH22	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:N	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:NE	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:NH1	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:NH2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:O	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:C	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:H	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:N	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:O	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:C	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CB	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CD	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CG	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CZ	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:H	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HB2	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HB3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HD2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HD3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HE	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HG2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HG3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH11	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH12	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH21	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH22	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:N	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:NE	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:NH1	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:NH2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:O	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:C	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:H	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:N	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:O	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:C	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:H	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:N	6	3.94
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:O	6	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:C	6	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CB	6	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CD	6	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CG	6	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:H	6	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HB2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HB3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HE21	6	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HE22	6	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HG2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HG3	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:2:GLN:N	6	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:NE2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:O	6	3.94
(1,19)	2:B:53:ASP:N	1:A:2:GLN:OE1	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:C	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:C	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:H	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:H	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:N	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:N	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:O	6	3.94
(1,19)	2:B:53:ASP:N	1:A:8:LEU:O	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:9:THR:C	6	3.94
(1,19)	2:B:53:ASP:N	1:A:9:THR:CA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:9:THR:CB	6	3.94
(1,19)	2:B:53:ASP:N	1:A:9:THR:CG2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:9:THR:H	6	3.94
(1,19)	2:B:53:ASP:N	1:A:9:THR:HA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:9:THR:HB	6	3.94
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG1	6	3.94
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG21	6	3.94
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG22	6	3.94
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG23	6	3.94
(1,19)	2:B:53:ASP:N	1:A:9:THR:N	6	3.94
(1,19)	2:B:53:ASP:N	1:A:9:THR:O	6	3.94
(1,19)	2:B:53:ASP:N	1:A:9:THR:OG1	6	3.94
(1,19)	2:B:53:ASP:N	1:A:10:GLY:C	6	3.94
(1,19)	2:B:53:ASP:N	1:A:10:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:10:GLY:H	6	3.94
(1,19)	2:B:53:ASP:N	1:A:10:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:10:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:10:GLY:N	6	3.94
(1,19)	2:B:53:ASP:N	1:A:10:GLY:O	6	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:C	6	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAB	6	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAC	6	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAD	6	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAI	6	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAJ	6	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAO	6	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAR	6	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAS	6	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CB	6	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:H	6	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:HA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:HAA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:HB3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:N	6	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:NAQ	6	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:O	6	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:OAH	6	3.94
(1,19)	2:B:53:ASP:N	1:A:12:3X9:SAL	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:12:3X9:SG	6	3.94
(1,19)	2:B:53:ASP:N	1:A:14:THR:C	6	3.94
(1,19)	2:B:53:ASP:N	1:A:14:THR:CA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:14:THR:CB	6	3.94
(1,19)	2:B:53:ASP:N	1:A:14:THR:CG2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:14:THR:H	6	3.94
(1,19)	2:B:53:ASP:N	1:A:14:THR:HA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:14:THR:HB	6	3.94
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG1	6	3.94
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG21	6	3.94
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG22	6	3.94
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG23	6	3.94
(1,19)	2:B:53:ASP:N	1:A:14:THR:N	6	3.94
(1,19)	2:B:53:ASP:N	1:A:14:THR:O	6	3.94
(1,19)	2:B:53:ASP:N	1:A:14:THR:OG1	6	3.94
(1,19)	2:B:53:ASP:N	1:A:39:ASP:C	6	3.94
(1,19)	2:B:53:ASP:N	1:A:39:ASP:CA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:39:ASP:CB	6	3.94
(1,19)	2:B:53:ASP:N	1:A:39:ASP:CG	6	3.94
(1,19)	2:B:53:ASP:N	1:A:39:ASP:H	6	3.94
(1,19)	2:B:53:ASP:N	1:A:39:ASP:HA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:39:ASP:HB2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:39:ASP:HB3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:39:ASP:N	6	3.94
(1,19)	2:B:53:ASP:N	1:A:39:ASP:O	6	3.94
(1,19)	2:B:53:ASP:N	1:A:39:ASP:OD1	6	3.94
(1,19)	2:B:53:ASP:N	1:A:39:ASP:OD2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:C	6	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CB	6	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CD1	6	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CG1	6	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CG2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:H	6	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HB	6	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HD11	6	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HD12	6	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HD13	6	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG12	6	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG13	6	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG21	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG22	6	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG23	6	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:N	6	3.94
(1,19)	2:B:53:ASP:N	1:A:44:ILE:O	6	3.94
(1,19)	2:B:53:ASP:N	1:A:46:ALA:C	6	3.94
(1,19)	2:B:53:ASP:N	1:A:46:ALA:CA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:46:ALA:CB	6	3.94
(1,19)	2:B:53:ASP:N	1:A:46:ALA:H	6	3.94
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HB1	6	3.94
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HB2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HB3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:46:ALA:N	6	3.94
(1,19)	2:B:53:ASP:N	1:A:46:ALA:O	6	3.94
(1,19)	2:B:53:ASP:N	1:A:47:GLY:C	6	3.94
(1,19)	2:B:53:ASP:N	1:A:47:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:47:GLY:H	6	3.94
(1,19)	2:B:53:ASP:N	1:A:47:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:47:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:47:GLY:N	6	3.94
(1,19)	2:B:53:ASP:N	1:A:47:GLY:O	6	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:C	6	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CB	6	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CD	6	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CE	6	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CG	6	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:H	6	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HB2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HB3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HD2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HD3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HE2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HE3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HG2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HG3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HZ1	6	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HZ2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HZ3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:N	6	3.94
(1,19)	2:B:53:ASP:N	1:A:48:LYS:NZ	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:48:LYS:O	6	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:C	6	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CB	6	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CD	6	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CG	6	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:H	6	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HB2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HB3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HE21	6	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HE22	6	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HG2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HG3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:N	6	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:NE2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:O	6	3.94
(1,19)	2:B:53:ASP:N	1:A:49:GLN:OE1	6	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:C	6	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CB	6	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CD	6	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CG	6	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:H	6	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HB2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HB3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HG2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HG3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:N	6	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:O	6	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:OE1	6	3.94
(1,19)	2:B:53:ASP:N	1:A:51:GLU:OE2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:52:ASP:C	6	3.94
(1,19)	2:B:53:ASP:N	1:A:52:ASP:CA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:52:ASP:CB	6	3.94
(1,19)	2:B:53:ASP:N	1:A:52:ASP:CG	6	3.94
(1,19)	2:B:53:ASP:N	1:A:52:ASP:H	6	3.94
(1,19)	2:B:53:ASP:N	1:A:52:ASP:HA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:52:ASP:HB2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:52:ASP:HB3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:52:ASP:N	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:52:ASP:O	6	3.94
(1,19)	2:B:53:ASP:N	1:A:52:ASP:OD1	6	3.94
(1,19)	2:B:53:ASP:N	1:A:52:ASP:OD2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:C	6	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CB	6	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CD	6	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CG	6	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:H	6	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HB2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HB3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HG2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HG3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:N	6	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:O	6	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:OE1	6	3.94
(1,19)	2:B:53:ASP:N	1:A:64:GLU:OE2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:C	6	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CB	6	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CD2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CE1	6	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CG	6	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:H	6	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HB2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HB3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HD1	6	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HD2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HE1	6	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HE2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:N	6	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:ND1	6	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:NE2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:68:HIS:O	6	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:C	6	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CG	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:71:LEU:H	6	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:N	6	3.94
(1,19)	2:B:53:ASP:N	1:A:71:LEU:O	6	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:C	6	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CB	6	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CD	6	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CG	6	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CZ	6	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:H	6	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HB2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HB3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HD2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HD3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HE	6	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HG2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HG3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH11	6	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH12	6	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH21	6	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH22	6	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:N	6	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:NE	6	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:NH1	6	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:NH2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:72:ARG:O	6	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:C	6	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CD2	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:H	6	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:N	6	3.94
(1,19)	2:B:53:ASP:N	1:A:73:LEU:O	6	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:C	6	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CB	6	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CD	6	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CG	6	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CZ	6	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:H	6	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HB2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HB3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HD2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HD3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HE	6	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HG2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HG3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH11	6	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH12	6	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH21	6	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH22	6	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:N	6	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:NE	6	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:NH1	6	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:NH2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:74:ARG:O	6	3.94
(1,19)	2:B:53:ASP:N	1:A:75:GLY:C	6	3.94
(1,19)	2:B:53:ASP:N	1:A:75:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:75:GLY:H	6	3.94
(1,19)	2:B:53:ASP:N	1:A:75:GLY:HA2	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:75:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:75:GLY:N	6	3.94
(1,19)	2:B:53:ASP:N	1:A:75:GLY:O	6	3.94
(1,19)	2:B:53:ASP:N	1:A:76:GLY:C	6	3.94
(1,19)	2:B:53:ASP:N	1:A:76:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:N	1:A:76:GLY:H	6	3.94
(1,19)	2:B:53:ASP:N	1:A:76:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:N	1:A:76:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:N	1:A:76:GLY:N	6	3.94
(1,19)	2:B:53:ASP:N	1:A:76:GLY:O	6	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:C	6	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CB	6	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CD	6	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CG	6	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:H	6	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HB2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HB3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HE21	6	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HE22	6	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HG2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HG3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:N	6	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:NE2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:O	6	3.94
(1,19)	2:B:53:ASP:O	1:A:2:GLN:OE1	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:C	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:C	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:H	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:H	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HA	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:N	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:N	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:O	6	3.94
(1,19)	2:B:53:ASP:O	1:A:8:LEU:O	6	3.94
(1,19)	2:B:53:ASP:O	1:A:9:THR:C	6	3.94
(1,19)	2:B:53:ASP:O	1:A:9:THR:CA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:9:THR:CB	6	3.94
(1,19)	2:B:53:ASP:O	1:A:9:THR:CG2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:9:THR:H	6	3.94
(1,19)	2:B:53:ASP:O	1:A:9:THR:HA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:9:THR:HB	6	3.94
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG1	6	3.94
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG21	6	3.94
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG22	6	3.94
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG23	6	3.94
(1,19)	2:B:53:ASP:O	1:A:9:THR:N	6	3.94
(1,19)	2:B:53:ASP:O	1:A:9:THR:O	6	3.94
(1,19)	2:B:53:ASP:O	1:A:9:THR:OG1	6	3.94
(1,19)	2:B:53:ASP:O	1:A:10:GLY:C	6	3.94
(1,19)	2:B:53:ASP:O	1:A:10:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:10:GLY:H	6	3.94
(1,19)	2:B:53:ASP:O	1:A:10:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:10:GLY:HA3	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:10:GLY:N	6	3.94
(1,19)	2:B:53:ASP:O	1:A:10:GLY:O	6	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:C	6	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAB	6	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAC	6	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAD	6	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAI	6	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAJ	6	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAO	6	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAR	6	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAS	6	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CB	6	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:H	6	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:HA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:HAA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:HB3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:N	6	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:NAQ	6	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:O	6	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:OAH	6	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:SAL	6	3.94
(1,19)	2:B:53:ASP:O	1:A:12:3X9:SG	6	3.94
(1,19)	2:B:53:ASP:O	1:A:14:THR:C	6	3.94
(1,19)	2:B:53:ASP:O	1:A:14:THR:CA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:14:THR:CB	6	3.94
(1,19)	2:B:53:ASP:O	1:A:14:THR:CG2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:14:THR:H	6	3.94
(1,19)	2:B:53:ASP:O	1:A:14:THR:HA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:14:THR:HB	6	3.94
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG1	6	3.94
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG21	6	3.94
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG22	6	3.94
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG23	6	3.94
(1,19)	2:B:53:ASP:O	1:A:14:THR:N	6	3.94
(1,19)	2:B:53:ASP:O	1:A:14:THR:O	6	3.94
(1,19)	2:B:53:ASP:O	1:A:14:THR:OG1	6	3.94
(1,19)	2:B:53:ASP:O	1:A:39:ASP:C	6	3.94
(1,19)	2:B:53:ASP:O	1:A:39:ASP:CA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:39:ASP:CB	6	3.94
(1,19)	2:B:53:ASP:O	1:A:39:ASP:CG	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:39:ASP:H	6	3.94
(1,19)	2:B:53:ASP:O	1:A:39:ASP:HA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:39:ASP:HB2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:39:ASP:HB3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:39:ASP:N	6	3.94
(1,19)	2:B:53:ASP:O	1:A:39:ASP:O	6	3.94
(1,19)	2:B:53:ASP:O	1:A:39:ASP:OD1	6	3.94
(1,19)	2:B:53:ASP:O	1:A:39:ASP:OD2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:C	6	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CB	6	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CD1	6	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CG1	6	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CG2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:H	6	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HB	6	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HD11	6	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HD12	6	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HD13	6	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG12	6	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG13	6	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG21	6	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG22	6	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG23	6	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:N	6	3.94
(1,19)	2:B:53:ASP:O	1:A:44:ILE:O	6	3.94
(1,19)	2:B:53:ASP:O	1:A:46:ALA:C	6	3.94
(1,19)	2:B:53:ASP:O	1:A:46:ALA:CA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:46:ALA:CB	6	3.94
(1,19)	2:B:53:ASP:O	1:A:46:ALA:H	6	3.94
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HB1	6	3.94
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HB2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HB3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:46:ALA:N	6	3.94
(1,19)	2:B:53:ASP:O	1:A:46:ALA:O	6	3.94
(1,19)	2:B:53:ASP:O	1:A:47:GLY:C	6	3.94
(1,19)	2:B:53:ASP:O	1:A:47:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:47:GLY:H	6	3.94
(1,19)	2:B:53:ASP:O	1:A:47:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:47:GLY:HA3	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:47:GLY:N	6	3.94
(1,19)	2:B:53:ASP:O	1:A:47:GLY:O	6	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:C	6	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CB	6	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CD	6	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CE	6	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CG	6	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:H	6	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HB2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HB3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HD2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HD3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HE2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HE3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HG2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HG3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HZ1	6	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HZ2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HZ3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:N	6	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:NZ	6	3.94
(1,19)	2:B:53:ASP:O	1:A:48:LYS:O	6	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:C	6	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CB	6	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CD	6	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CG	6	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:H	6	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HB2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HB3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HE21	6	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HE22	6	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HG2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HG3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:N	6	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:NE2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:O	6	3.94
(1,19)	2:B:53:ASP:O	1:A:49:GLN:OE1	6	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:C	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CB	6	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CD	6	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CG	6	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:H	6	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HB2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HB3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HG2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HG3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:N	6	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:O	6	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:OE1	6	3.94
(1,19)	2:B:53:ASP:O	1:A:51:GLU:OE2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:52:ASP:C	6	3.94
(1,19)	2:B:53:ASP:O	1:A:52:ASP:CA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:52:ASP:CB	6	3.94
(1,19)	2:B:53:ASP:O	1:A:52:ASP:CG	6	3.94
(1,19)	2:B:53:ASP:O	1:A:52:ASP:H	6	3.94
(1,19)	2:B:53:ASP:O	1:A:52:ASP:HA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:52:ASP:HB2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:52:ASP:HB3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:52:ASP:N	6	3.94
(1,19)	2:B:53:ASP:O	1:A:52:ASP:O	6	3.94
(1,19)	2:B:53:ASP:O	1:A:52:ASP:OD1	6	3.94
(1,19)	2:B:53:ASP:O	1:A:52:ASP:OD2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:C	6	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CB	6	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CD	6	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CG	6	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:H	6	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HB2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HB3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HG2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HG3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:N	6	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:O	6	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:OE1	6	3.94
(1,19)	2:B:53:ASP:O	1:A:64:GLU:OE2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:C	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CB	6	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CD2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CE1	6	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CG	6	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:H	6	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HB2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HB3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HD1	6	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HD2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HE1	6	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HE2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:N	6	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:ND1	6	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:NE2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:68:HIS:O	6	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:C	6	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:H	6	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:N	6	3.94
(1,19)	2:B:53:ASP:O	1:A:71:LEU:O	6	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:C	6	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CB	6	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CD	6	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CG	6	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CZ	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:72:ARG:H	6	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HB2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HB3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HD2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HD3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HE	6	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HG2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HG3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH11	6	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH12	6	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH21	6	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH22	6	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:N	6	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:NE	6	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:NH1	6	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:NH2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:72:ARG:O	6	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:C	6	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:H	6	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:N	6	3.94
(1,19)	2:B:53:ASP:O	1:A:73:LEU:O	6	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:C	6	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CB	6	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CD	6	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CG	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CZ	6	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:H	6	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HB2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HB3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HD2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HD3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HE	6	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HG2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HG3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH11	6	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH12	6	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH21	6	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH22	6	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:N	6	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:NE	6	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:NH1	6	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:NH2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:74:ARG:O	6	3.94
(1,19)	2:B:53:ASP:O	1:A:75:GLY:C	6	3.94
(1,19)	2:B:53:ASP:O	1:A:75:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:75:GLY:H	6	3.94
(1,19)	2:B:53:ASP:O	1:A:75:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:75:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:75:GLY:N	6	3.94
(1,19)	2:B:53:ASP:O	1:A:75:GLY:O	6	3.94
(1,19)	2:B:53:ASP:O	1:A:76:GLY:C	6	3.94
(1,19)	2:B:53:ASP:O	1:A:76:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:O	1:A:76:GLY:H	6	3.94
(1,19)	2:B:53:ASP:O	1:A:76:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:O	1:A:76:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:O	1:A:76:GLY:N	6	3.94
(1,19)	2:B:53:ASP:O	1:A:76:GLY:O	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:C	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CB	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CD	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CG	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:H	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HB2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HB3	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HE21	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HE22	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HG2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HG3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:N	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:NE2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:O	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:OE1	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:C	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:C	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:H	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:H	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HG	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:N	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:N	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:O	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:O	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:C	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:CA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:CB	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:CG2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:H	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HB	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG1	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG21	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG22	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG23	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:N	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:O	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:OG1	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:C	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:H	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:N	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:O	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:C	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAB	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAC	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAD	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAI	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAJ	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAO	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAR	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAS	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CB	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:H	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:HA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:HAA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:HB3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:N	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:NAQ	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:O	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:OAH	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:SAL	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:SG	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:C	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:CA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:CB	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:CG2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:H	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HB	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG1	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG21	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG22	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG23	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:N	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:O	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:OG1	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:C	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:CA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:CB	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:CG	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:H	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:HA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:HB2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:HB3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:N	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:O	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:OD1	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:OD2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:C	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CB	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CD1	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CG1	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CG2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:H	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HB	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HD11	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HD12	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HD13	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG12	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG13	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG21	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG22	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG23	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:N	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:O	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:C	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:CA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:CB	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:H	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HB1	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HB2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HB3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:N	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:O	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:C	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:H	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:N	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:O	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:C	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CB	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CD	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CE	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CG	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:H	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HB2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HB3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HD2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HD3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HE2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HE3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HG2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HG3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HZ1	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HZ2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HZ3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:N	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:NZ	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:O	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:C	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CB	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CD	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CG	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:H	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HB2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HB3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HE21	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HE22	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HG2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HG3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:N	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:NE2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:O	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:OE1	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:C	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CB	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CD	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CG	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:H	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HB2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HB3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HG2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HG3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:N	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:O	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:OE1	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:OE2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:C	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:CA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:CB	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:CG	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:H	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:HA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:HB2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:HB3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:N	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:O	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:OD1	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:OD2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:C	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CB	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CD	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CG	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:H	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HB2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HB3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HG2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HG3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:N	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:O	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:OE1	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:OE2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:C	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CB	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CD2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CE1	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CG	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:H	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HB2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HB3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HD1	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HD2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HE1	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HE2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:N	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:ND1	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:NE2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:O	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:C	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CA	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:H	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:N	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:O	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:C	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CB	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CD	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CG	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CZ	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:H	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HB2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HB3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HD2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HD3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HE	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HG2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HG3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH11	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH12	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH21	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH22	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:N	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:NE	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:NH1	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:NH2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:O	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:C	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:H	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:N	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:O	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:C	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CB	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CD	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CG	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CZ	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:H	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HB2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HB3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HD2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HD3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HE	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HG2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HG3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH11	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH12	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH21	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH22	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:N	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:NE	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:NH1	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:NH2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:O	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:C	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:H	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:N	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:O	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:C	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:H	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:N	6	3.94
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:O	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:C	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CB	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CD	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CG	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:H	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HB2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HB3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HE21	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HE22	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HG2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HG3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:N	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:NE2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:O	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:OE1	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:C	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:C	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CG	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:H	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:H	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:N	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:N	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:O	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:O	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:C	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:CA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:CB	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:CG2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:H	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HB	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG1	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG21	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG22	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG23	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:N	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:O	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:OG1	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:C	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:H	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:N	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:O	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:C	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAB	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAC	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAD	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAI	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAJ	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAO	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAR	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAS	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CB	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:H	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:HA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:HAA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:HB3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:N	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:NAQ	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:O	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:OAH	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:SAL	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:SG	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:C	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:CA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:CB	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:CG2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:H	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HB	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG1	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG21	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG22	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG23	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:N	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:O	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:OG1	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:C	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:CA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:CB	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:CG	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:H	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:HA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:HB2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:HB3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:N	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:O	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:OD1	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:OD2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:C	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CB	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CD1	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CG1	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CG2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:H	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HB	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HD11	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HD12	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HD13	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG12	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG13	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG21	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG22	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG23	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:N	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:O	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:C	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:CA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:CB	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:H	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HB1	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HB2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HB3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:N	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:O	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:C	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:H	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:N	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:O	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:C	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CB	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CD	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CE	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CG	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:H	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HB2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HB3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HD2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HD3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HE2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HE3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HG2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HG3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HZ1	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HZ2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HZ3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:N	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:NZ	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:O	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:C	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CB	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CD	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CG	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:H	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HB2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HB3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HE21	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HE22	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HG2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HG3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:N	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:NE2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:O	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:OE1	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:C	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CB	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CD	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CG	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:H	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HB2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HB3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HG2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HG3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:N	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:O	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:OE1	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:OE2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:C	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:CA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:CB	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:CG	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:H	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:HA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:HB2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:HB3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:N	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:O	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:OD1	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:OD2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:C	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CB	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CD	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CG	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:H	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HB2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HB3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HG2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HG3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:N	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:O	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:OE1	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:OE2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:C	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CB	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CD2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CE1	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CG	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:H	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HB2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HB3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HD1	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HD2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HE1	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HE2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:N	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:ND1	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:NE2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:O	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:C	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:H	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:N	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:O	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:C	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CA	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CB	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CD	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CG	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CZ	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:H	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HB2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HB3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HD2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HD3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HE	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HG2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HG3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH11	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH12	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH21	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH22	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:N	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:NE	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:NH1	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:NH2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:O	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:C	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CB	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CD1	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CD2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CG	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:H	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HB2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HB3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD11	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD12	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD13	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD21	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD22	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD23	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HG	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:N	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:O	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:C	6	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CB	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CD	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CG	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CZ	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:H	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HB2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HB3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HD2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HD3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HE	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HG2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HG3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH11	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH12	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH21	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH22	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:N	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:NE	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:NH1	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:NH2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:O	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:C	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:H	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:N	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:O	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:C	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:CA	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:H	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:HA2	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:HA3	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:N	6	3.94
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:O	6	3.94
(1,19)	2:B:53:ASP:C	1:A:2:GLN:C	8	3.93
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CB	8	3.93
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CD	8	3.93
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CG	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:2:GLN:H	8	3.93
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HB2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HB3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HE21	8	3.93
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HE22	8	3.93
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HG2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HG3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:2:GLN:N	8	3.93
(1,19)	2:B:53:ASP:C	1:A:2:GLN:NE2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:2:GLN:O	8	3.93
(1,19)	2:B:53:ASP:C	1:A:2:GLN:OE1	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:C	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:C	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:H	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:H	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD22	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:N	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:N	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:O	8	3.93
(1,19)	2:B:53:ASP:C	1:A:8:LEU:O	8	3.93
(1,19)	2:B:53:ASP:C	1:A:9:THR:C	8	3.93
(1,19)	2:B:53:ASP:C	1:A:9:THR:CA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:9:THR:CB	8	3.93
(1,19)	2:B:53:ASP:C	1:A:9:THR:CG2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:9:THR:H	8	3.93
(1,19)	2:B:53:ASP:C	1:A:9:THR:HA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:9:THR:HB	8	3.93
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG1	8	3.93
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG21	8	3.93
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG22	8	3.93
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG23	8	3.93
(1,19)	2:B:53:ASP:C	1:A:9:THR:N	8	3.93
(1,19)	2:B:53:ASP:C	1:A:9:THR:O	8	3.93
(1,19)	2:B:53:ASP:C	1:A:9:THR:OG1	8	3.93
(1,19)	2:B:53:ASP:C	1:A:10:GLY:C	8	3.93
(1,19)	2:B:53:ASP:C	1:A:10:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:10:GLY:H	8	3.93
(1,19)	2:B:53:ASP:C	1:A:10:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:10:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:10:GLY:N	8	3.93
(1,19)	2:B:53:ASP:C	1:A:10:GLY:O	8	3.93
(1,19)	2:B:53:ASP:C	1:A:12:3X9:C	8	3.93
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAB	8	3.93
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAC	8	3.93
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAD	8	3.93
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAI	8	3.93
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAJ	8	3.93
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAO	8	3.93
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAR	8	3.93
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAS	8	3.93
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CB	8	3.93
(1,19)	2:B:53:ASP:C	1:A:12:3X9:H	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:12:3X9:HA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:12:3X9:HAA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:12:3X9:HB3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:12:3X9:N	8	3.93
(1,19)	2:B:53:ASP:C	1:A:12:3X9:NAQ	8	3.93
(1,19)	2:B:53:ASP:C	1:A:12:3X9:O	8	3.93
(1,19)	2:B:53:ASP:C	1:A:12:3X9:OAH	8	3.93
(1,19)	2:B:53:ASP:C	1:A:12:3X9:SAL	8	3.93
(1,19)	2:B:53:ASP:C	1:A:12:3X9:SG	8	3.93
(1,19)	2:B:53:ASP:C	1:A:14:THR:C	8	3.93
(1,19)	2:B:53:ASP:C	1:A:14:THR:CA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:14:THR:CB	8	3.93
(1,19)	2:B:53:ASP:C	1:A:14:THR:CG2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:14:THR:H	8	3.93
(1,19)	2:B:53:ASP:C	1:A:14:THR:HA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:14:THR:HB	8	3.93
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG1	8	3.93
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG21	8	3.93
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG22	8	3.93
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG23	8	3.93
(1,19)	2:B:53:ASP:C	1:A:14:THR:N	8	3.93
(1,19)	2:B:53:ASP:C	1:A:14:THR:O	8	3.93
(1,19)	2:B:53:ASP:C	1:A:14:THR:OG1	8	3.93
(1,19)	2:B:53:ASP:C	1:A:39:ASP:C	8	3.93
(1,19)	2:B:53:ASP:C	1:A:39:ASP:CA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:39:ASP:CB	8	3.93
(1,19)	2:B:53:ASP:C	1:A:39:ASP:CG	8	3.93
(1,19)	2:B:53:ASP:C	1:A:39:ASP:H	8	3.93
(1,19)	2:B:53:ASP:C	1:A:39:ASP:HA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:39:ASP:HB2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:39:ASP:HB3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:39:ASP:N	8	3.93
(1,19)	2:B:53:ASP:C	1:A:39:ASP:O	8	3.93
(1,19)	2:B:53:ASP:C	1:A:39:ASP:OD1	8	3.93
(1,19)	2:B:53:ASP:C	1:A:39:ASP:OD2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:44:ILE:C	8	3.93
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CB	8	3.93
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CD1	8	3.93
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CG1	8	3.93
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CG2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:44:ILE:H	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HB	8	3.93
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HD11	8	3.93
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HD12	8	3.93
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HD13	8	3.93
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG12	8	3.93
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG13	8	3.93
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG21	8	3.93
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG22	8	3.93
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG23	8	3.93
(1,19)	2:B:53:ASP:C	1:A:44:ILE:N	8	3.93
(1,19)	2:B:53:ASP:C	1:A:44:ILE:O	8	3.93
(1,19)	2:B:53:ASP:C	1:A:46:ALA:C	8	3.93
(1,19)	2:B:53:ASP:C	1:A:46:ALA:CA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:46:ALA:CB	8	3.93
(1,19)	2:B:53:ASP:C	1:A:46:ALA:H	8	3.93
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HB1	8	3.93
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HB2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HB3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:46:ALA:N	8	3.93
(1,19)	2:B:53:ASP:C	1:A:46:ALA:O	8	3.93
(1,19)	2:B:53:ASP:C	1:A:47:GLY:C	8	3.93
(1,19)	2:B:53:ASP:C	1:A:47:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:47:GLY:H	8	3.93
(1,19)	2:B:53:ASP:C	1:A:47:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:47:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:47:GLY:N	8	3.93
(1,19)	2:B:53:ASP:C	1:A:47:GLY:O	8	3.93
(1,19)	2:B:53:ASP:C	1:A:48:LYS:C	8	3.93
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CB	8	3.93
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CD	8	3.93
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CE	8	3.93
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CG	8	3.93
(1,19)	2:B:53:ASP:C	1:A:48:LYS:H	8	3.93
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HB2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HB3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HD2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HD3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HE2	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HE3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HG2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HG3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HZ1	8	3.93
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HZ2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HZ3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:48:LYS:N	8	3.93
(1,19)	2:B:53:ASP:C	1:A:48:LYS:NZ	8	3.93
(1,19)	2:B:53:ASP:C	1:A:48:LYS:O	8	3.93
(1,19)	2:B:53:ASP:C	1:A:49:GLN:C	8	3.93
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CB	8	3.93
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CD	8	3.93
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CG	8	3.93
(1,19)	2:B:53:ASP:C	1:A:49:GLN:H	8	3.93
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HB2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HB3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HE21	8	3.93
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HE22	8	3.93
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HG2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HG3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:49:GLN:N	8	3.93
(1,19)	2:B:53:ASP:C	1:A:49:GLN:NE2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:49:GLN:O	8	3.93
(1,19)	2:B:53:ASP:C	1:A:49:GLN:OE1	8	3.93
(1,19)	2:B:53:ASP:C	1:A:51:GLU:C	8	3.93
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CB	8	3.93
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CD	8	3.93
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CG	8	3.93
(1,19)	2:B:53:ASP:C	1:A:51:GLU:H	8	3.93
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HB2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HB3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HG2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HG3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:51:GLU:N	8	3.93
(1,19)	2:B:53:ASP:C	1:A:51:GLU:O	8	3.93
(1,19)	2:B:53:ASP:C	1:A:51:GLU:OE1	8	3.93
(1,19)	2:B:53:ASP:C	1:A:51:GLU:OE2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:52:ASP:C	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:52:ASP:CA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:52:ASP:CB	8	3.93
(1,19)	2:B:53:ASP:C	1:A:52:ASP:CG	8	3.93
(1,19)	2:B:53:ASP:C	1:A:52:ASP:H	8	3.93
(1,19)	2:B:53:ASP:C	1:A:52:ASP:HA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:52:ASP:HB2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:52:ASP:HB3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:52:ASP:N	8	3.93
(1,19)	2:B:53:ASP:C	1:A:52:ASP:O	8	3.93
(1,19)	2:B:53:ASP:C	1:A:52:ASP:OD1	8	3.93
(1,19)	2:B:53:ASP:C	1:A:52:ASP:OD2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:64:GLU:C	8	3.93
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CB	8	3.93
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CD	8	3.93
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CG	8	3.93
(1,19)	2:B:53:ASP:C	1:A:64:GLU:H	8	3.93
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HB2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HB3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HG2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HG3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:64:GLU:N	8	3.93
(1,19)	2:B:53:ASP:C	1:A:64:GLU:O	8	3.93
(1,19)	2:B:53:ASP:C	1:A:64:GLU:OE1	8	3.93
(1,19)	2:B:53:ASP:C	1:A:64:GLU:OE2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:68:HIS:C	8	3.93
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CB	8	3.93
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CD2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CE1	8	3.93
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CG	8	3.93
(1,19)	2:B:53:ASP:C	1:A:68:HIS:H	8	3.93
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HB2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HB3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HD1	8	3.93
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HD2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HE1	8	3.93
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HE2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:68:HIS:N	8	3.93
(1,19)	2:B:53:ASP:C	1:A:68:HIS:ND1	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:68:HIS:NE2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:68:HIS:O	8	3.93
(1,19)	2:B:53:ASP:C	1:A:71:LEU:C	8	3.93
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:C	1:A:71:LEU:H	8	3.93
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:C	1:A:71:LEU:N	8	3.93
(1,19)	2:B:53:ASP:C	1:A:71:LEU:O	8	3.93
(1,19)	2:B:53:ASP:C	1:A:72:ARG:C	8	3.93
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CB	8	3.93
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CD	8	3.93
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CG	8	3.93
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CZ	8	3.93
(1,19)	2:B:53:ASP:C	1:A:72:ARG:H	8	3.93
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HB2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HB3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HD2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HD3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HE	8	3.93
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HG2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HG3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH11	8	3.93
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH12	8	3.93
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH21	8	3.93
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH22	8	3.93
(1,19)	2:B:53:ASP:C	1:A:72:ARG:N	8	3.93
(1,19)	2:B:53:ASP:C	1:A:72:ARG:NE	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:72:ARG:NH1	8	3.93
(1,19)	2:B:53:ASP:C	1:A:72:ARG:NH2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:72:ARG:O	8	3.93
(1,19)	2:B:53:ASP:C	1:A:73:LEU:C	8	3.93
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:C	1:A:73:LEU:H	8	3.93
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:C	1:A:73:LEU:N	8	3.93
(1,19)	2:B:53:ASP:C	1:A:73:LEU:O	8	3.93
(1,19)	2:B:53:ASP:C	1:A:74:ARG:C	8	3.93
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CB	8	3.93
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CD	8	3.93
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CG	8	3.93
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CZ	8	3.93
(1,19)	2:B:53:ASP:C	1:A:74:ARG:H	8	3.93
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HB2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HB3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HD2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HD3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HE	8	3.93
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HG2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HG3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH11	8	3.93
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH12	8	3.93
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH21	8	3.93
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH22	8	3.93
(1,19)	2:B:53:ASP:C	1:A:74:ARG:N	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:74:ARG:NE	8	3.93
(1,19)	2:B:53:ASP:C	1:A:74:ARG:NH1	8	3.93
(1,19)	2:B:53:ASP:C	1:A:74:ARG:NH2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:74:ARG:O	8	3.93
(1,19)	2:B:53:ASP:C	1:A:75:GLY:C	8	3.93
(1,19)	2:B:53:ASP:C	1:A:75:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:75:GLY:H	8	3.93
(1,19)	2:B:53:ASP:C	1:A:75:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:75:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:75:GLY:N	8	3.93
(1,19)	2:B:53:ASP:C	1:A:75:GLY:O	8	3.93
(1,19)	2:B:53:ASP:C	1:A:76:GLY:C	8	3.93
(1,19)	2:B:53:ASP:C	1:A:76:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:C	1:A:76:GLY:H	8	3.93
(1,19)	2:B:53:ASP:C	1:A:76:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:C	1:A:76:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:C	1:A:76:GLY:N	8	3.93
(1,19)	2:B:53:ASP:C	1:A:76:GLY:O	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:C	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CB	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CD	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CG	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:H	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HB2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HB3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HE21	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HE22	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HG2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HG3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:N	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:NE2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:O	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:OE1	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:C	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:C	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD1	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:H	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:H	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:N	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:N	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:O	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:O	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:9:THR:C	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:9:THR:CA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:9:THR:CB	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:9:THR:CG2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:9:THR:H	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HB	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG1	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG21	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG22	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG23	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:9:THR:N	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:9:THR:O	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:9:THR:OG1	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:C	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:H	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:N	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:O	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:C	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAB	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAC	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAD	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAI	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAJ	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAO	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAR	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAS	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CB	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:H	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:HA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:HAA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:HB3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:N	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:NAQ	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:O	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:OAH	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:SAL	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:SG	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:14:THR:C	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:14:THR:CA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:14:THR:CB	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:14:THR:CG2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:14:THR:H	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HB	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG1	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG21	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG22	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG23	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:14:THR:N	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:14:THR:O	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:14:THR:OG1	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:C	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:CA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:CB	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:CG	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:H	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:HA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:HB2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:HB3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:N	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:O	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:OD1	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:OD2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:C	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CB	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CD1	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CG1	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CG2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:H	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HB	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HD11	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HD12	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HD13	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG12	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG13	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG21	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG22	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG23	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:N	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:O	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:C	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:CA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:CB	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:H	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HB1	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HB2	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HB3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:N	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:O	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:C	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:H	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:N	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:O	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:C	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CB	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CD	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CE	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CG	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:H	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HB2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HB3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HD2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HD3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HE2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HE3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HG2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HG3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HZ1	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HZ2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HZ3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:N	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:NZ	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:O	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:C	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CB	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CD	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CG	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:H	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HB2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HB3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HE21	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HE22	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HG2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HG3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:N	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:NE2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:O	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:OE1	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:C	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CB	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CD	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CG	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:H	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HB2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HB3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HG2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HG3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:N	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:O	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:OE1	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:OE2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:C	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:CA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:CB	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:CG	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:H	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:HA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:HB2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:HB3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:N	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:O	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:OD1	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:OD2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:C	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CB	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CD	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CG	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:H	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HB2	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HB3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HG2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HG3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:N	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:O	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:OE1	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:OE2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:C	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CB	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CD2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CE1	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CG	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:H	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HB2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HB3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HD1	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HD2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HE1	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HE2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:N	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:ND1	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:NE2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:O	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:C	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:H	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HG	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:N	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:O	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:C	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CB	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CD	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CG	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CZ	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:H	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HB2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HB3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HD2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HD3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HE	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HG2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HG3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH11	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH12	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH21	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH22	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:N	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:NE	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:NH1	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:NH2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:O	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:C	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:H	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD23	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:N	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:O	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:C	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CB	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CD	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CG	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CZ	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:H	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HB2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HB3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HD2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HD3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HE	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HG2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HG3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH11	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH12	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH21	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH22	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:N	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:NE	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:NH1	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:NH2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:O	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:C	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:H	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:N	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:O	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:C	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:H	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:N	8	3.93
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:O	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:C	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CB	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CD	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CG	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:H	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HB2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HB3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HE21	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HE22	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HG2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HG3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:N	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:NE2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:O	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:OE1	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:C	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:C	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:H	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:H	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD13	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:N	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:N	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:O	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:O	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:9:THR:C	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:9:THR:CA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:9:THR:CB	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:9:THR:CG2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:9:THR:H	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HB	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG1	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG21	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG22	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG23	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:9:THR:N	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:9:THR:O	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:9:THR:OG1	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:C	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:H	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:N	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:O	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:C	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAB	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAC	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAD	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAI	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAJ	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAO	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAR	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAS	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CB	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:H	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:HA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:HAA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:HB3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:N	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:NAQ	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:O	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:OAH	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:SAL	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:SG	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:14:THR:C	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:14:THR:CA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:14:THR:CB	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:14:THR:CG2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:14:THR:H	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HB	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG1	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG21	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG22	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG23	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:14:THR:N	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:14:THR:O	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:14:THR:OG1	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:C	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:CA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:CB	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:CG	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:H	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:HA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:HB2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:HB3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:N	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:O	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:OD1	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:OD2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:C	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CB	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CD1	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CG1	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CG2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:H	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HB	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HD11	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HD12	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HD13	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG12	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG13	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG21	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG22	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG23	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:N	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:O	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:C	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:CA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:CB	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:H	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HB1	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HB2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HB3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:N	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:O	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:C	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:H	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:N	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:O	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:C	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CB	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CD	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CE	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CG	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:H	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HB2	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HB3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HD2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HD3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HE2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HE3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HG2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HG3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HZ1	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HZ2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HZ3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:N	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:NZ	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:O	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:C	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CB	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CD	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CG	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:H	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HB2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HB3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HE21	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HE22	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HG2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HG3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:N	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:NE2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:O	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:OE1	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:C	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CB	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CD	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CG	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:H	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HB2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HB3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HG2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HG3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:N	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:O	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:OE1	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:OE2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:C	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:CA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:CB	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:CG	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:H	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:HA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:HB2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:HB3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:N	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:O	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:OD1	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:OD2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:C	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CB	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CD	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CG	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:H	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HB2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HB3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HG2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HG3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:N	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:O	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:OE1	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:OE2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:C	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CB	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CD2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CE1	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CG	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:H	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HB2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HB3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HD1	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HD2	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HE1	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HE2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:N	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:ND1	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:NE2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:O	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:C	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:H	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:N	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:O	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:C	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CB	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CD	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CG	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CZ	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:H	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HB2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HB3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HD2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HD3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HE	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HG2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HG3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH11	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH12	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH21	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH22	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:N	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:NE	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:NH1	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:NH2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:O	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:C	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:H	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:N	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:O	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:C	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CB	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CD	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CG	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CZ	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:H	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HB2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HB3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HD2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HD3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HE	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HG2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HG3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH11	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH12	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH21	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH22	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:N	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:NE	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:NH1	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:NH2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:O	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:C	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:H	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:N	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:O	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:C	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:H	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:N	8	3.93
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:O	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:C	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CB	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CD	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CG	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:H	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HB2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HB3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HE21	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HE22	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HG2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HG3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:N	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:NE2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:O	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:OE1	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:C	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:C	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CA	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:H	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:H	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:N	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:N	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:O	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:O	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:9:THR:C	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:9:THR:CA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:9:THR:CB	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:9:THR:CG2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:9:THR:H	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HB	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG1	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG21	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG22	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG23	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:9:THR:N	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:9:THR:O	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:9:THR:OG1	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:C	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:H	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:N	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:O	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:C	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAB	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAC	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAD	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAI	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAJ	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAO	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAR	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAS	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CB	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:H	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:HA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:HAA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:HB3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:N	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:NAQ	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:O	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:OAH	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:SAL	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:SG	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:14:THR:C	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:14:THR:CA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:14:THR:CB	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:14:THR:CG2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:14:THR:H	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HA	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HB	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG1	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG21	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG22	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG23	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:14:THR:N	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:14:THR:O	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:14:THR:OG1	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:C	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:CA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:CB	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:CG	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:H	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:HA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:HB2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:HB3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:N	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:O	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:OD1	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:OD2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:C	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CB	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CD1	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CG1	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CG2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:H	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HB	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HD11	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HD12	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HD13	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG12	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG13	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG21	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG22	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG23	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:N	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:O	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:C	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:CA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:CB	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:H	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HB1	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HB2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HB3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:N	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:O	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:C	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:H	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:N	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:O	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:C	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CB	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CD	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CE	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CG	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:H	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HB2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HB3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HD2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HD3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HE2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HE3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HG2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HG3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HZ1	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HZ2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HZ3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:N	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:NZ	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:O	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:C	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CB	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CD	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CG	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:H	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HB2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HB3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HE21	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HE22	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HG2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HG3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:N	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:NE2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:O	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:OE1	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:C	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CB	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CD	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CG	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:H	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HB2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HB3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HG2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HG3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:N	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:O	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:OE1	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:OE2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:C	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:CA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:CB	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:CG	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:H	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:HA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:HB2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:HB3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:N	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:O	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:OD1	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:OD2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:C	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CB	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CD	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CG	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:H	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HB2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HB3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HG2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HG3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:N	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:O	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:OE1	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:OE2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:C	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CB	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CD2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CE1	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CG	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:H	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HB2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HB3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HD1	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HD2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HE1	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HE2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:N	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:ND1	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:NE2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:O	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:C	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:H	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD13	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:N	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:O	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:C	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CB	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CD	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CG	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CZ	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:H	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HB2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HB3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HD2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HD3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HE	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HG2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HG3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH11	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH12	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH21	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH22	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:N	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:NE	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:NH1	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:NH2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:O	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:C	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:H	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD12	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:N	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:O	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:C	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CB	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CD	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CG	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CZ	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:H	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HB2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HB3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HD2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HD3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HE	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HG2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HG3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH11	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH12	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH21	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH22	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:N	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:NE	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:NH1	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:NH2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:O	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:C	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:H	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:N	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:O	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:C	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:H	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:HA2	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:N	8	3.93
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:O	8	3.93
(1,19)	2:B:53:ASP:H	1:A:2:GLN:C	8	3.93
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CB	8	3.93
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CD	8	3.93
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CG	8	3.93
(1,19)	2:B:53:ASP:H	1:A:2:GLN:H	8	3.93
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HB2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HB3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HE21	8	3.93
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HE22	8	3.93
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HG2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HG3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:2:GLN:N	8	3.93
(1,19)	2:B:53:ASP:H	1:A:2:GLN:NE2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:2:GLN:O	8	3.93
(1,19)	2:B:53:ASP:H	1:A:2:GLN:OE1	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:C	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:C	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:H	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:H	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD11	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:N	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:N	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:O	8	3.93
(1,19)	2:B:53:ASP:H	1:A:8:LEU:O	8	3.93
(1,19)	2:B:53:ASP:H	1:A:9:THR:C	8	3.93
(1,19)	2:B:53:ASP:H	1:A:9:THR:CA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:9:THR:CB	8	3.93
(1,19)	2:B:53:ASP:H	1:A:9:THR:CG2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:9:THR:H	8	3.93
(1,19)	2:B:53:ASP:H	1:A:9:THR:HA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:9:THR:HB	8	3.93
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG1	8	3.93
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG21	8	3.93
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG22	8	3.93
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG23	8	3.93
(1,19)	2:B:53:ASP:H	1:A:9:THR:N	8	3.93
(1,19)	2:B:53:ASP:H	1:A:9:THR:O	8	3.93
(1,19)	2:B:53:ASP:H	1:A:9:THR:OG1	8	3.93
(1,19)	2:B:53:ASP:H	1:A:10:GLY:C	8	3.93
(1,19)	2:B:53:ASP:H	1:A:10:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:10:GLY:H	8	3.93
(1,19)	2:B:53:ASP:H	1:A:10:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:10:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:10:GLY:N	8	3.93
(1,19)	2:B:53:ASP:H	1:A:10:GLY:O	8	3.93
(1,19)	2:B:53:ASP:H	1:A:12:3X9:C	8	3.93
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAB	8	3.93
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAC	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAD	8	3.93
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAI	8	3.93
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAJ	8	3.93
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAO	8	3.93
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAR	8	3.93
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAS	8	3.93
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CB	8	3.93
(1,19)	2:B:53:ASP:H	1:A:12:3X9:H	8	3.93
(1,19)	2:B:53:ASP:H	1:A:12:3X9:HA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:12:3X9:HAA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:12:3X9:HB3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:12:3X9:N	8	3.93
(1,19)	2:B:53:ASP:H	1:A:12:3X9:NAQ	8	3.93
(1,19)	2:B:53:ASP:H	1:A:12:3X9:O	8	3.93
(1,19)	2:B:53:ASP:H	1:A:12:3X9:OAH	8	3.93
(1,19)	2:B:53:ASP:H	1:A:12:3X9:SAL	8	3.93
(1,19)	2:B:53:ASP:H	1:A:12:3X9:SG	8	3.93
(1,19)	2:B:53:ASP:H	1:A:14:THR:C	8	3.93
(1,19)	2:B:53:ASP:H	1:A:14:THR:CA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:14:THR:CB	8	3.93
(1,19)	2:B:53:ASP:H	1:A:14:THR:CG2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:14:THR:H	8	3.93
(1,19)	2:B:53:ASP:H	1:A:14:THR:HA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:14:THR:HB	8	3.93
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG1	8	3.93
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG21	8	3.93
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG22	8	3.93
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG23	8	3.93
(1,19)	2:B:53:ASP:H	1:A:14:THR:N	8	3.93
(1,19)	2:B:53:ASP:H	1:A:14:THR:O	8	3.93
(1,19)	2:B:53:ASP:H	1:A:14:THR:OG1	8	3.93
(1,19)	2:B:53:ASP:H	1:A:39:ASP:C	8	3.93
(1,19)	2:B:53:ASP:H	1:A:39:ASP:CA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:39:ASP:CB	8	3.93
(1,19)	2:B:53:ASP:H	1:A:39:ASP:CG	8	3.93
(1,19)	2:B:53:ASP:H	1:A:39:ASP:H	8	3.93
(1,19)	2:B:53:ASP:H	1:A:39:ASP:HA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:39:ASP:HB2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:39:ASP:HB3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:39:ASP:N	8	3.93
(1,19)	2:B:53:ASP:H	1:A:39:ASP:O	8	3.93
(1,19)	2:B:53:ASP:H	1:A:39:ASP:OD1	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:39:ASP:OD2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:44:ILE:C	8	3.93
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CB	8	3.93
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CD1	8	3.93
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CG1	8	3.93
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CG2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:44:ILE:H	8	3.93
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HB	8	3.93
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HD11	8	3.93
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HD12	8	3.93
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HD13	8	3.93
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG12	8	3.93
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG13	8	3.93
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG21	8	3.93
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG22	8	3.93
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG23	8	3.93
(1,19)	2:B:53:ASP:H	1:A:44:ILE:N	8	3.93
(1,19)	2:B:53:ASP:H	1:A:44:ILE:O	8	3.93
(1,19)	2:B:53:ASP:H	1:A:46:ALA:C	8	3.93
(1,19)	2:B:53:ASP:H	1:A:46:ALA:CA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:46:ALA:CB	8	3.93
(1,19)	2:B:53:ASP:H	1:A:46:ALA:H	8	3.93
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HB1	8	3.93
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HB2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HB3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:46:ALA:N	8	3.93
(1,19)	2:B:53:ASP:H	1:A:46:ALA:O	8	3.93
(1,19)	2:B:53:ASP:H	1:A:47:GLY:C	8	3.93
(1,19)	2:B:53:ASP:H	1:A:47:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:47:GLY:H	8	3.93
(1,19)	2:B:53:ASP:H	1:A:47:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:47:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:47:GLY:N	8	3.93
(1,19)	2:B:53:ASP:H	1:A:47:GLY:O	8	3.93
(1,19)	2:B:53:ASP:H	1:A:48:LYS:C	8	3.93
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CB	8	3.93
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CD	8	3.93
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CE	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CG	8	3.93
(1,19)	2:B:53:ASP:H	1:A:48:LYS:H	8	3.93
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HB2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HB3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HD2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HD3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HE2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HE3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HG2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HG3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HZ1	8	3.93
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HZ2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HZ3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:48:LYS:N	8	3.93
(1,19)	2:B:53:ASP:H	1:A:48:LYS:NZ	8	3.93
(1,19)	2:B:53:ASP:H	1:A:48:LYS:O	8	3.93
(1,19)	2:B:53:ASP:H	1:A:49:GLN:C	8	3.93
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CB	8	3.93
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CD	8	3.93
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CG	8	3.93
(1,19)	2:B:53:ASP:H	1:A:49:GLN:H	8	3.93
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HB2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HB3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HE21	8	3.93
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HE22	8	3.93
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HG2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HG3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:49:GLN:N	8	3.93
(1,19)	2:B:53:ASP:H	1:A:49:GLN:NE2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:49:GLN:O	8	3.93
(1,19)	2:B:53:ASP:H	1:A:49:GLN:OE1	8	3.93
(1,19)	2:B:53:ASP:H	1:A:51:GLU:C	8	3.93
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CB	8	3.93
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CD	8	3.93
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CG	8	3.93
(1,19)	2:B:53:ASP:H	1:A:51:GLU:H	8	3.93
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HB2	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HB3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HG2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HG3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:51:GLU:N	8	3.93
(1,19)	2:B:53:ASP:H	1:A:51:GLU:O	8	3.93
(1,19)	2:B:53:ASP:H	1:A:51:GLU:OE1	8	3.93
(1,19)	2:B:53:ASP:H	1:A:51:GLU:OE2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:52:ASP:C	8	3.93
(1,19)	2:B:53:ASP:H	1:A:52:ASP:CA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:52:ASP:CB	8	3.93
(1,19)	2:B:53:ASP:H	1:A:52:ASP:CG	8	3.93
(1,19)	2:B:53:ASP:H	1:A:52:ASP:H	8	3.93
(1,19)	2:B:53:ASP:H	1:A:52:ASP:HA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:52:ASP:HB2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:52:ASP:HB3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:52:ASP:N	8	3.93
(1,19)	2:B:53:ASP:H	1:A:52:ASP:O	8	3.93
(1,19)	2:B:53:ASP:H	1:A:52:ASP:OD1	8	3.93
(1,19)	2:B:53:ASP:H	1:A:52:ASP:OD2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:64:GLU:C	8	3.93
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CB	8	3.93
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CD	8	3.93
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CG	8	3.93
(1,19)	2:B:53:ASP:H	1:A:64:GLU:H	8	3.93
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HB2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HB3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HG2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HG3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:64:GLU:N	8	3.93
(1,19)	2:B:53:ASP:H	1:A:64:GLU:O	8	3.93
(1,19)	2:B:53:ASP:H	1:A:64:GLU:OE1	8	3.93
(1,19)	2:B:53:ASP:H	1:A:64:GLU:OE2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:68:HIS:C	8	3.93
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CB	8	3.93
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CD2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CE1	8	3.93
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CG	8	3.93
(1,19)	2:B:53:ASP:H	1:A:68:HIS:H	8	3.93
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HA	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HB2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HB3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HD1	8	3.93
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HD2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HE1	8	3.93
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HE2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:68:HIS:N	8	3.93
(1,19)	2:B:53:ASP:H	1:A:68:HIS:ND1	8	3.93
(1,19)	2:B:53:ASP:H	1:A:68:HIS:NE2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:68:HIS:O	8	3.93
(1,19)	2:B:53:ASP:H	1:A:71:LEU:C	8	3.93
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:H	1:A:71:LEU:H	8	3.93
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:H	1:A:71:LEU:N	8	3.93
(1,19)	2:B:53:ASP:H	1:A:71:LEU:O	8	3.93
(1,19)	2:B:53:ASP:H	1:A:72:ARG:C	8	3.93
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CB	8	3.93
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CD	8	3.93
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CG	8	3.93
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CZ	8	3.93
(1,19)	2:B:53:ASP:H	1:A:72:ARG:H	8	3.93
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HB2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HB3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HD2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HD3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HE	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HG2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HG3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH11	8	3.93
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH12	8	3.93
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH21	8	3.93
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH22	8	3.93
(1,19)	2:B:53:ASP:H	1:A:72:ARG:N	8	3.93
(1,19)	2:B:53:ASP:H	1:A:72:ARG:NE	8	3.93
(1,19)	2:B:53:ASP:H	1:A:72:ARG:NH1	8	3.93
(1,19)	2:B:53:ASP:H	1:A:72:ARG:NH2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:72:ARG:O	8	3.93
(1,19)	2:B:53:ASP:H	1:A:73:LEU:C	8	3.93
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:H	1:A:73:LEU:H	8	3.93
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:H	1:A:73:LEU:N	8	3.93
(1,19)	2:B:53:ASP:H	1:A:73:LEU:O	8	3.93
(1,19)	2:B:53:ASP:H	1:A:74:ARG:C	8	3.93
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CB	8	3.93
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CD	8	3.93
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CG	8	3.93
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CZ	8	3.93
(1,19)	2:B:53:ASP:H	1:A:74:ARG:H	8	3.93
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HB2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HB3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HD2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HD3	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HE	8	3.93
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HG2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HG3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH11	8	3.93
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH12	8	3.93
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH21	8	3.93
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH22	8	3.93
(1,19)	2:B:53:ASP:H	1:A:74:ARG:N	8	3.93
(1,19)	2:B:53:ASP:H	1:A:74:ARG:NE	8	3.93
(1,19)	2:B:53:ASP:H	1:A:74:ARG:NH1	8	3.93
(1,19)	2:B:53:ASP:H	1:A:74:ARG:NH2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:74:ARG:O	8	3.93
(1,19)	2:B:53:ASP:H	1:A:75:GLY:C	8	3.93
(1,19)	2:B:53:ASP:H	1:A:75:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:75:GLY:H	8	3.93
(1,19)	2:B:53:ASP:H	1:A:75:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:75:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:75:GLY:N	8	3.93
(1,19)	2:B:53:ASP:H	1:A:75:GLY:O	8	3.93
(1,19)	2:B:53:ASP:H	1:A:76:GLY:C	8	3.93
(1,19)	2:B:53:ASP:H	1:A:76:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:H	1:A:76:GLY:H	8	3.93
(1,19)	2:B:53:ASP:H	1:A:76:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:H	1:A:76:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:H	1:A:76:GLY:N	8	3.93
(1,19)	2:B:53:ASP:H	1:A:76:GLY:O	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:C	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CB	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CD	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CG	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:H	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HB2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HB3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HE21	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HE22	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HG2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HG3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:N	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:NE2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:O	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:OE1	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:C	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:C	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:H	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:H	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:N	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:N	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:O	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:O	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:9:THR:C	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:9:THR:CA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:9:THR:CB	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:9:THR:CG2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:9:THR:H	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HB	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG1	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG21	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG22	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG23	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:9:THR:N	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:9:THR:O	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:9:THR:OG1	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:C	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:H	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:N	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:O	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:C	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAB	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAC	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAD	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAI	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAJ	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAO	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAR	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAS	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CB	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:H	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:HA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:HAA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:HB3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:N	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:NAQ	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:O	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:OAH	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:SAL	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:SG	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:14:THR:C	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:14:THR:CA	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:14:THR:CB	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:14:THR:CG2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:14:THR:H	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HB	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG1	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG21	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG22	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG23	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:14:THR:N	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:14:THR:O	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:14:THR:OG1	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:C	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:CA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:CB	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:CG	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:H	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:HA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:HB2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:HB3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:N	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:O	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:OD1	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:OD2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:C	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CB	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CD1	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CG1	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CG2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:H	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HB	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HD11	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HD12	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HD13	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG12	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG13	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG21	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG22	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG23	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:N	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:O	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:C	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:CA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:CB	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:H	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HB1	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HB2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HB3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:N	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:O	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:C	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:H	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:N	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:O	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:C	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CB	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CD	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CE	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CG	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:H	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HB2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HB3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HD2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HD3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HE2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HE3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HG2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HG3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HZ1	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HZ2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HZ3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:N	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:NZ	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:O	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:C	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CA	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CB	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CD	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CG	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:H	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HB2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HB3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HE21	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HE22	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HG2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HG3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:N	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:NE2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:O	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:OE1	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:C	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CB	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CD	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CG	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:H	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HB2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HB3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HG2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HG3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:N	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:O	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:OE1	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:OE2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:C	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:CA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:CB	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:CG	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:H	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:HA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:HB2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:HB3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:N	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:O	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:OD1	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:OD2	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:C	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CB	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CD	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CG	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:H	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HB2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HB3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HG2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HG3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:N	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:O	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:OE1	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:OE2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:C	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CB	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CD2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CE1	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CG	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:H	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HB2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HB3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HD1	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HD2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HE1	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HE2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:N	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:ND1	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:NE2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:O	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:C	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:H	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HB2	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:N	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:O	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:C	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CB	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CD	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CG	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CZ	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:H	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HB2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HB3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HD2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HD3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HE	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HG2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HG3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH11	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH12	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH21	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH22	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:N	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:NE	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:NH1	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:NH2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:O	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:C	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:H	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HA	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:N	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:O	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:C	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CB	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CD	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CG	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CZ	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:H	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HB2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HB3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HD2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HD3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HE	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HG2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HG3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH11	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH12	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH21	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH22	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:N	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:NE	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:NH1	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:NH2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:O	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:C	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:H	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:N	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:O	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:C	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:H	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:N	8	3.93
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:O	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:C	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CB	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CD	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CG	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:H	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HB2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HB3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HE21	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HE22	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HG2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HG3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:N	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:NE2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:O	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:OE1	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:C	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:C	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:H	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:H	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB2	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:N	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:N	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:O	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:O	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:C	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:CA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:CB	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:CG2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:H	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HB	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG1	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG21	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG22	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG23	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:N	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:O	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:OG1	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:C	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:H	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:N	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:O	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:C	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAB	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAC	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAD	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAI	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAJ	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAO	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAR	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAS	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CB	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:H	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:HA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:HAA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:HB3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:N	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:NAQ	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:O	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:OAH	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:SAL	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:SG	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:C	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:CA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:CB	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:CG2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:H	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HB	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG1	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG21	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG22	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG23	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:N	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:O	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:OG1	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:C	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:CA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:CB	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:CG	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:H	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:HA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:HB2	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:HB3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:N	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:O	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:OD1	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:OD2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:C	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CB	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CD1	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CG1	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CG2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:H	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HB	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HD11	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HD12	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HD13	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG12	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG13	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG21	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG22	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG23	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:N	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:O	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:C	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:CA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:CB	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:H	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HB1	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HB2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HB3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:N	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:O	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:C	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:H	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:N	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:O	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:C	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CB	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CD	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CE	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CG	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:H	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HB2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HB3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HD2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HD3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HE2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HE3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HG2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HG3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HZ1	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HZ2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HZ3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:N	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:NZ	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:O	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:C	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CB	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CD	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CG	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:H	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HB2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HB3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HE21	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HE22	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HG2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HG3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:N	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:NE2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:O	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:OE1	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:C	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CB	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CD	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CG	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:H	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HB2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HB3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HG2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HG3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:N	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:O	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:OE1	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:OE2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:C	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:CA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:CB	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:CG	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:H	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:HA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:HB2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:HB3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:N	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:O	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:OD1	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:OD2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:C	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CB	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CD	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CG	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:H	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HB2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HB3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HG2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HG3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:N	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:O	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:OE1	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:OE2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:C	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CB	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CD2	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CE1	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CG	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:H	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HB2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HB3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HD1	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HD2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HE1	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HE2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:N	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:ND1	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:NE2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:O	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:C	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:H	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:N	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:O	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:C	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CB	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CD	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CG	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CZ	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:H	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HB2	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HB3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HD2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HD3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HE	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HG2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HG3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH11	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH12	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH21	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH22	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:N	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:NE	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:NH1	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:NH2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:O	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:C	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:H	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:N	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:O	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:C	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CB	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CD	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CG	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CZ	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:H	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HA	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HB2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HB3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HD2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HD3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HE	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HG2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HG3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH11	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH12	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH21	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH22	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:N	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:NE	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:NH1	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:NH2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:O	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:C	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:H	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:N	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:O	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:C	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:H	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:N	8	3.93
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:O	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:C	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CB	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CD	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CG	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:H	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HB2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HB3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HE21	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HE22	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HG2	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HG3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:N	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:NE2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:O	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:OE1	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:C	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:C	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:H	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:H	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:N	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:N	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:O	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:O	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:C	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:CA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:CB	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:CG2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:H	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HB	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG1	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG21	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG22	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG23	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:N	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:O	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:OG1	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:C	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:H	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:N	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:O	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:C	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAB	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAC	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAD	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAI	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAJ	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAO	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAR	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAS	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CB	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:H	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:HA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:HAA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:HB3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:N	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:NAQ	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:O	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:OAH	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:SAL	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:SG	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:C	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:CA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:CB	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:CG2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:H	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HB	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG1	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG21	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG22	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG23	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:N	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:O	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:OG1	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:C	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:CA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:CB	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:CG	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:H	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:HA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:HB2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:HB3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:N	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:O	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:OD1	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:OD2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:C	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CB	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CD1	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CG1	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CG2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:H	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HB	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HD11	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HD12	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HD13	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG12	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG13	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG21	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG22	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG23	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:N	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:O	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:C	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:CA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:CB	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:H	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HB1	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HB2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HB3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:N	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:O	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:C	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:H	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:N	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:O	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:C	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CB	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CD	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CE	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CG	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:H	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HB2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HB3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HD2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HD3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HE2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HE3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HG2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HG3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HZ1	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HZ2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HZ3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:N	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:NZ	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:O	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:C	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CB	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CD	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CG	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:H	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HB2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HB3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HE21	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HE22	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HG2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HG3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:N	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:NE2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:O	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:OE1	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:C	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CB	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CD	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CG	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:H	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HB2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HB3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HG2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HG3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:N	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:O	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:OE1	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:OE2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:C	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:CA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:CB	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:CG	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:H	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:HA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:HB2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:HB3	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:N	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:O	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:OD1	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:OD2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:C	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CB	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CD	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CG	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:H	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HB2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HB3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HG2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HG3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:N	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:O	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:OE1	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:OE2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:C	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CB	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CD2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CE1	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CG	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:H	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HB2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HB3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HD1	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HD2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HE1	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HE2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:N	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:ND1	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:NE2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:O	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:C	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CD2	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:H	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:N	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:O	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:C	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CB	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CD	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CG	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CZ	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:H	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HB2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HB3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HD2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HD3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HE	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HG2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HG3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH11	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH12	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH21	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH22	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:N	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:NE	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:NH1	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:NH2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:O	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:C	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CD1	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:H	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:N	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:O	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:C	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CB	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CD	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CG	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CZ	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:H	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HB2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HB3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HD2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HD3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HE	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HG2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HG3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH11	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH12	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH21	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH22	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:N	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:NE	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:NH1	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:NH2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:O	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:C	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:H	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:N	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:O	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:C	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:H	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:N	8	3.93
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:O	8	3.93
(1,19)	2:B:53:ASP:N	1:A:2:GLN:C	8	3.93
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CB	8	3.93
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CD	8	3.93
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CG	8	3.93
(1,19)	2:B:53:ASP:N	1:A:2:GLN:H	8	3.93
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HB2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HB3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HE21	8	3.93
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HE22	8	3.93
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HG2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HG3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:2:GLN:N	8	3.93
(1,19)	2:B:53:ASP:N	1:A:2:GLN:NE2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:2:GLN:O	8	3.93
(1,19)	2:B:53:ASP:N	1:A:2:GLN:OE1	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:C	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:C	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:H	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:H	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:N	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:N	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:O	8	3.93
(1,19)	2:B:53:ASP:N	1:A:8:LEU:O	8	3.93
(1,19)	2:B:53:ASP:N	1:A:9:THR:C	8	3.93
(1,19)	2:B:53:ASP:N	1:A:9:THR:CA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:9:THR:CB	8	3.93
(1,19)	2:B:53:ASP:N	1:A:9:THR:CG2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:9:THR:H	8	3.93
(1,19)	2:B:53:ASP:N	1:A:9:THR:HA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:9:THR:HB	8	3.93
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG1	8	3.93
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG21	8	3.93
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG22	8	3.93
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG23	8	3.93
(1,19)	2:B:53:ASP:N	1:A:9:THR:N	8	3.93
(1,19)	2:B:53:ASP:N	1:A:9:THR:O	8	3.93
(1,19)	2:B:53:ASP:N	1:A:9:THR:OG1	8	3.93
(1,19)	2:B:53:ASP:N	1:A:10:GLY:C	8	3.93
(1,19)	2:B:53:ASP:N	1:A:10:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:10:GLY:H	8	3.93
(1,19)	2:B:53:ASP:N	1:A:10:GLY:HA2	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:10:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:10:GLY:N	8	3.93
(1,19)	2:B:53:ASP:N	1:A:10:GLY:O	8	3.93
(1,19)	2:B:53:ASP:N	1:A:12:3X9:C	8	3.93
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAB	8	3.93
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAC	8	3.93
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAD	8	3.93
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAI	8	3.93
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAJ	8	3.93
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAO	8	3.93
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAR	8	3.93
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAS	8	3.93
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CB	8	3.93
(1,19)	2:B:53:ASP:N	1:A:12:3X9:H	8	3.93
(1,19)	2:B:53:ASP:N	1:A:12:3X9:HA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:12:3X9:HAA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:12:3X9:HB3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:12:3X9:N	8	3.93
(1,19)	2:B:53:ASP:N	1:A:12:3X9:NAQ	8	3.93
(1,19)	2:B:53:ASP:N	1:A:12:3X9:O	8	3.93
(1,19)	2:B:53:ASP:N	1:A:12:3X9:OAH	8	3.93
(1,19)	2:B:53:ASP:N	1:A:12:3X9:SAL	8	3.93
(1,19)	2:B:53:ASP:N	1:A:12:3X9:SG	8	3.93
(1,19)	2:B:53:ASP:N	1:A:14:THR:C	8	3.93
(1,19)	2:B:53:ASP:N	1:A:14:THR:CA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:14:THR:CB	8	3.93
(1,19)	2:B:53:ASP:N	1:A:14:THR:CG2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:14:THR:H	8	3.93
(1,19)	2:B:53:ASP:N	1:A:14:THR:HA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:14:THR:HB	8	3.93
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG1	8	3.93
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG21	8	3.93
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG22	8	3.93
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG23	8	3.93
(1,19)	2:B:53:ASP:N	1:A:14:THR:N	8	3.93
(1,19)	2:B:53:ASP:N	1:A:14:THR:O	8	3.93
(1,19)	2:B:53:ASP:N	1:A:14:THR:OG1	8	3.93
(1,19)	2:B:53:ASP:N	1:A:39:ASP:C	8	3.93
(1,19)	2:B:53:ASP:N	1:A:39:ASP:CA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:39:ASP:CB	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:39:ASP:CG	8	3.93
(1,19)	2:B:53:ASP:N	1:A:39:ASP:H	8	3.93
(1,19)	2:B:53:ASP:N	1:A:39:ASP:HA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:39:ASP:HB2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:39:ASP:HB3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:39:ASP:N	8	3.93
(1,19)	2:B:53:ASP:N	1:A:39:ASP:O	8	3.93
(1,19)	2:B:53:ASP:N	1:A:39:ASP:OD1	8	3.93
(1,19)	2:B:53:ASP:N	1:A:39:ASP:OD2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:44:ILE:C	8	3.93
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CB	8	3.93
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CD1	8	3.93
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CG1	8	3.93
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CG2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:44:ILE:H	8	3.93
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HB	8	3.93
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HD11	8	3.93
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HD12	8	3.93
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HD13	8	3.93
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG12	8	3.93
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG13	8	3.93
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG21	8	3.93
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG22	8	3.93
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG23	8	3.93
(1,19)	2:B:53:ASP:N	1:A:44:ILE:N	8	3.93
(1,19)	2:B:53:ASP:N	1:A:44:ILE:O	8	3.93
(1,19)	2:B:53:ASP:N	1:A:46:ALA:C	8	3.93
(1,19)	2:B:53:ASP:N	1:A:46:ALA:CA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:46:ALA:CB	8	3.93
(1,19)	2:B:53:ASP:N	1:A:46:ALA:H	8	3.93
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HB1	8	3.93
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HB2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HB3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:46:ALA:N	8	3.93
(1,19)	2:B:53:ASP:N	1:A:46:ALA:O	8	3.93
(1,19)	2:B:53:ASP:N	1:A:47:GLY:C	8	3.93
(1,19)	2:B:53:ASP:N	1:A:47:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:47:GLY:H	8	3.93
(1,19)	2:B:53:ASP:N	1:A:47:GLY:HA2	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:47:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:47:GLY:N	8	3.93
(1,19)	2:B:53:ASP:N	1:A:47:GLY:O	8	3.93
(1,19)	2:B:53:ASP:N	1:A:48:LYS:C	8	3.93
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CB	8	3.93
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CD	8	3.93
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CE	8	3.93
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CG	8	3.93
(1,19)	2:B:53:ASP:N	1:A:48:LYS:H	8	3.93
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HB2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HB3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HD2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HD3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HE2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HE3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HG2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HG3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HZ1	8	3.93
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HZ2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HZ3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:48:LYS:N	8	3.93
(1,19)	2:B:53:ASP:N	1:A:48:LYS:NZ	8	3.93
(1,19)	2:B:53:ASP:N	1:A:48:LYS:O	8	3.93
(1,19)	2:B:53:ASP:N	1:A:49:GLN:C	8	3.93
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CB	8	3.93
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CD	8	3.93
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CG	8	3.93
(1,19)	2:B:53:ASP:N	1:A:49:GLN:H	8	3.93
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HB2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HB3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HE21	8	3.93
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HE22	8	3.93
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HG2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HG3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:49:GLN:N	8	3.93
(1,19)	2:B:53:ASP:N	1:A:49:GLN:NE2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:49:GLN:O	8	3.93
(1,19)	2:B:53:ASP:N	1:A:49:GLN:OE1	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:51:GLU:C	8	3.93
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CB	8	3.93
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CD	8	3.93
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CG	8	3.93
(1,19)	2:B:53:ASP:N	1:A:51:GLU:H	8	3.93
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HB2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HB3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HG2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HG3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:51:GLU:N	8	3.93
(1,19)	2:B:53:ASP:N	1:A:51:GLU:O	8	3.93
(1,19)	2:B:53:ASP:N	1:A:51:GLU:OE1	8	3.93
(1,19)	2:B:53:ASP:N	1:A:51:GLU:OE2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:52:ASP:C	8	3.93
(1,19)	2:B:53:ASP:N	1:A:52:ASP:CA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:52:ASP:CB	8	3.93
(1,19)	2:B:53:ASP:N	1:A:52:ASP:CG	8	3.93
(1,19)	2:B:53:ASP:N	1:A:52:ASP:H	8	3.93
(1,19)	2:B:53:ASP:N	1:A:52:ASP:HA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:52:ASP:HB2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:52:ASP:HB3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:52:ASP:N	8	3.93
(1,19)	2:B:53:ASP:N	1:A:52:ASP:O	8	3.93
(1,19)	2:B:53:ASP:N	1:A:52:ASP:OD1	8	3.93
(1,19)	2:B:53:ASP:N	1:A:52:ASP:OD2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:64:GLU:C	8	3.93
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CB	8	3.93
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CD	8	3.93
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CG	8	3.93
(1,19)	2:B:53:ASP:N	1:A:64:GLU:H	8	3.93
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HB2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HB3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HG2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HG3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:64:GLU:N	8	3.93
(1,19)	2:B:53:ASP:N	1:A:64:GLU:O	8	3.93
(1,19)	2:B:53:ASP:N	1:A:64:GLU:OE1	8	3.93
(1,19)	2:B:53:ASP:N	1:A:64:GLU:OE2	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:68:HIS:C	8	3.93
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CB	8	3.93
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CD2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CE1	8	3.93
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CG	8	3.93
(1,19)	2:B:53:ASP:N	1:A:68:HIS:H	8	3.93
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HB2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HB3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HD1	8	3.93
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HD2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HE1	8	3.93
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HE2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:68:HIS:N	8	3.93
(1,19)	2:B:53:ASP:N	1:A:68:HIS:ND1	8	3.93
(1,19)	2:B:53:ASP:N	1:A:68:HIS:NE2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:68:HIS:O	8	3.93
(1,19)	2:B:53:ASP:N	1:A:71:LEU:C	8	3.93
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:N	1:A:71:LEU:H	8	3.93
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:N	1:A:71:LEU:N	8	3.93
(1,19)	2:B:53:ASP:N	1:A:71:LEU:O	8	3.93
(1,19)	2:B:53:ASP:N	1:A:72:ARG:C	8	3.93
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CB	8	3.93
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CD	8	3.93
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CG	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CZ	8	3.93
(1,19)	2:B:53:ASP:N	1:A:72:ARG:H	8	3.93
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HB2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HB3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HD2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HD3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HE	8	3.93
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HG2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HG3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH11	8	3.93
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH12	8	3.93
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH21	8	3.93
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH22	8	3.93
(1,19)	2:B:53:ASP:N	1:A:72:ARG:N	8	3.93
(1,19)	2:B:53:ASP:N	1:A:72:ARG:NE	8	3.93
(1,19)	2:B:53:ASP:N	1:A:72:ARG:NH1	8	3.93
(1,19)	2:B:53:ASP:N	1:A:72:ARG:NH2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:72:ARG:O	8	3.93
(1,19)	2:B:53:ASP:N	1:A:73:LEU:C	8	3.93
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:N	1:A:73:LEU:H	8	3.93
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:N	1:A:73:LEU:N	8	3.93
(1,19)	2:B:53:ASP:N	1:A:73:LEU:O	8	3.93
(1,19)	2:B:53:ASP:N	1:A:74:ARG:C	8	3.93
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CB	8	3.93
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CD	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CG	8	3.93
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CZ	8	3.93
(1,19)	2:B:53:ASP:N	1:A:74:ARG:H	8	3.93
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HB2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HB3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HD2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HD3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HE	8	3.93
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HG2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HG3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH11	8	3.93
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH12	8	3.93
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH21	8	3.93
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH22	8	3.93
(1,19)	2:B:53:ASP:N	1:A:74:ARG:N	8	3.93
(1,19)	2:B:53:ASP:N	1:A:74:ARG:NE	8	3.93
(1,19)	2:B:53:ASP:N	1:A:74:ARG:NH1	8	3.93
(1,19)	2:B:53:ASP:N	1:A:74:ARG:NH2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:74:ARG:O	8	3.93
(1,19)	2:B:53:ASP:N	1:A:75:GLY:C	8	3.93
(1,19)	2:B:53:ASP:N	1:A:75:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:75:GLY:H	8	3.93
(1,19)	2:B:53:ASP:N	1:A:75:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:75:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:75:GLY:N	8	3.93
(1,19)	2:B:53:ASP:N	1:A:75:GLY:O	8	3.93
(1,19)	2:B:53:ASP:N	1:A:76:GLY:C	8	3.93
(1,19)	2:B:53:ASP:N	1:A:76:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:N	1:A:76:GLY:H	8	3.93
(1,19)	2:B:53:ASP:N	1:A:76:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:N	1:A:76:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:N	1:A:76:GLY:N	8	3.93
(1,19)	2:B:53:ASP:N	1:A:76:GLY:O	8	3.93
(1,19)	2:B:53:ASP:O	1:A:2:GLN:C	8	3.93
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CB	8	3.93
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CD	8	3.93
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CG	8	3.93
(1,19)	2:B:53:ASP:O	1:A:2:GLN:H	8	3.93
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HB2	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HB3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HE21	8	3.93
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HE22	8	3.93
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HG2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HG3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:2:GLN:N	8	3.93
(1,19)	2:B:53:ASP:O	1:A:2:GLN:NE2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:2:GLN:O	8	3.93
(1,19)	2:B:53:ASP:O	1:A:2:GLN:OE1	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:C	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:C	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:H	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:H	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HG	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:N	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:N	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:O	8	3.93
(1,19)	2:B:53:ASP:O	1:A:8:LEU:O	8	3.93
(1,19)	2:B:53:ASP:O	1:A:9:THR:C	8	3.93
(1,19)	2:B:53:ASP:O	1:A:9:THR:CA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:9:THR:CB	8	3.93
(1,19)	2:B:53:ASP:O	1:A:9:THR:CG2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:9:THR:H	8	3.93
(1,19)	2:B:53:ASP:O	1:A:9:THR:HA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:9:THR:HB	8	3.93
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG1	8	3.93
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG21	8	3.93
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG22	8	3.93
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG23	8	3.93
(1,19)	2:B:53:ASP:O	1:A:9:THR:N	8	3.93
(1,19)	2:B:53:ASP:O	1:A:9:THR:O	8	3.93
(1,19)	2:B:53:ASP:O	1:A:9:THR:OG1	8	3.93
(1,19)	2:B:53:ASP:O	1:A:10:GLY:C	8	3.93
(1,19)	2:B:53:ASP:O	1:A:10:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:10:GLY:H	8	3.93
(1,19)	2:B:53:ASP:O	1:A:10:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:10:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:10:GLY:N	8	3.93
(1,19)	2:B:53:ASP:O	1:A:10:GLY:O	8	3.93
(1,19)	2:B:53:ASP:O	1:A:12:3X9:C	8	3.93
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAB	8	3.93
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAC	8	3.93
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAD	8	3.93
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAI	8	3.93
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAJ	8	3.93
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAO	8	3.93
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAR	8	3.93
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAS	8	3.93
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CB	8	3.93
(1,19)	2:B:53:ASP:O	1:A:12:3X9:H	8	3.93
(1,19)	2:B:53:ASP:O	1:A:12:3X9:HA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:12:3X9:HAA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:12:3X9:HB3	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:12:3X9:N	8	3.93
(1,19)	2:B:53:ASP:O	1:A:12:3X9:NAQ	8	3.93
(1,19)	2:B:53:ASP:O	1:A:12:3X9:O	8	3.93
(1,19)	2:B:53:ASP:O	1:A:12:3X9:OAH	8	3.93
(1,19)	2:B:53:ASP:O	1:A:12:3X9:SAL	8	3.93
(1,19)	2:B:53:ASP:O	1:A:12:3X9:SG	8	3.93
(1,19)	2:B:53:ASP:O	1:A:14:THR:C	8	3.93
(1,19)	2:B:53:ASP:O	1:A:14:THR:CA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:14:THR:CB	8	3.93
(1,19)	2:B:53:ASP:O	1:A:14:THR:CG2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:14:THR:H	8	3.93
(1,19)	2:B:53:ASP:O	1:A:14:THR:HA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:14:THR:HB	8	3.93
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG1	8	3.93
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG21	8	3.93
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG22	8	3.93
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG23	8	3.93
(1,19)	2:B:53:ASP:O	1:A:14:THR:N	8	3.93
(1,19)	2:B:53:ASP:O	1:A:14:THR:O	8	3.93
(1,19)	2:B:53:ASP:O	1:A:14:THR:OG1	8	3.93
(1,19)	2:B:53:ASP:O	1:A:39:ASP:C	8	3.93
(1,19)	2:B:53:ASP:O	1:A:39:ASP:CA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:39:ASP:CB	8	3.93
(1,19)	2:B:53:ASP:O	1:A:39:ASP:CG	8	3.93
(1,19)	2:B:53:ASP:O	1:A:39:ASP:H	8	3.93
(1,19)	2:B:53:ASP:O	1:A:39:ASP:HA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:39:ASP:HB2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:39:ASP:HB3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:39:ASP:N	8	3.93
(1,19)	2:B:53:ASP:O	1:A:39:ASP:O	8	3.93
(1,19)	2:B:53:ASP:O	1:A:39:ASP:OD1	8	3.93
(1,19)	2:B:53:ASP:O	1:A:39:ASP:OD2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:44:ILE:C	8	3.93
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CB	8	3.93
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CD1	8	3.93
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CG1	8	3.93
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CG2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:44:ILE:H	8	3.93
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HB	8	3.93
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HD11	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HD12	8	3.93
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HD13	8	3.93
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG12	8	3.93
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG13	8	3.93
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG21	8	3.93
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG22	8	3.93
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG23	8	3.93
(1,19)	2:B:53:ASP:O	1:A:44:ILE:N	8	3.93
(1,19)	2:B:53:ASP:O	1:A:44:ILE:O	8	3.93
(1,19)	2:B:53:ASP:O	1:A:46:ALA:C	8	3.93
(1,19)	2:B:53:ASP:O	1:A:46:ALA:CA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:46:ALA:CB	8	3.93
(1,19)	2:B:53:ASP:O	1:A:46:ALA:H	8	3.93
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HB1	8	3.93
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HB2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HB3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:46:ALA:N	8	3.93
(1,19)	2:B:53:ASP:O	1:A:46:ALA:O	8	3.93
(1,19)	2:B:53:ASP:O	1:A:47:GLY:C	8	3.93
(1,19)	2:B:53:ASP:O	1:A:47:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:47:GLY:H	8	3.93
(1,19)	2:B:53:ASP:O	1:A:47:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:47:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:47:GLY:N	8	3.93
(1,19)	2:B:53:ASP:O	1:A:47:GLY:O	8	3.93
(1,19)	2:B:53:ASP:O	1:A:48:LYS:C	8	3.93
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CB	8	3.93
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CD	8	3.93
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CE	8	3.93
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CG	8	3.93
(1,19)	2:B:53:ASP:O	1:A:48:LYS:H	8	3.93
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HB2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HB3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HD2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HD3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HE2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HE3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HG2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HG3	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HZ1	8	3.93
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HZ2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HZ3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:48:LYS:N	8	3.93
(1,19)	2:B:53:ASP:O	1:A:48:LYS:NZ	8	3.93
(1,19)	2:B:53:ASP:O	1:A:48:LYS:O	8	3.93
(1,19)	2:B:53:ASP:O	1:A:49:GLN:C	8	3.93
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CB	8	3.93
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CD	8	3.93
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CG	8	3.93
(1,19)	2:B:53:ASP:O	1:A:49:GLN:H	8	3.93
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HB2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HB3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HE21	8	3.93
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HE22	8	3.93
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HG2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HG3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:49:GLN:N	8	3.93
(1,19)	2:B:53:ASP:O	1:A:49:GLN:NE2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:49:GLN:O	8	3.93
(1,19)	2:B:53:ASP:O	1:A:49:GLN:OE1	8	3.93
(1,19)	2:B:53:ASP:O	1:A:51:GLU:C	8	3.93
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CB	8	3.93
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CD	8	3.93
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CG	8	3.93
(1,19)	2:B:53:ASP:O	1:A:51:GLU:H	8	3.93
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HB2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HB3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HG2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HG3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:51:GLU:N	8	3.93
(1,19)	2:B:53:ASP:O	1:A:51:GLU:O	8	3.93
(1,19)	2:B:53:ASP:O	1:A:51:GLU:OE1	8	3.93
(1,19)	2:B:53:ASP:O	1:A:51:GLU:OE2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:52:ASP:C	8	3.93
(1,19)	2:B:53:ASP:O	1:A:52:ASP:CA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:52:ASP:CB	8	3.93
(1,19)	2:B:53:ASP:O	1:A:52:ASP:CG	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:52:ASP:H	8	3.93
(1,19)	2:B:53:ASP:O	1:A:52:ASP:HA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:52:ASP:HB2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:52:ASP:HB3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:52:ASP:N	8	3.93
(1,19)	2:B:53:ASP:O	1:A:52:ASP:O	8	3.93
(1,19)	2:B:53:ASP:O	1:A:52:ASP:OD1	8	3.93
(1,19)	2:B:53:ASP:O	1:A:52:ASP:OD2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:64:GLU:C	8	3.93
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CB	8	3.93
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CD	8	3.93
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CG	8	3.93
(1,19)	2:B:53:ASP:O	1:A:64:GLU:H	8	3.93
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HB2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HB3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HG2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HG3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:64:GLU:N	8	3.93
(1,19)	2:B:53:ASP:O	1:A:64:GLU:O	8	3.93
(1,19)	2:B:53:ASP:O	1:A:64:GLU:OE1	8	3.93
(1,19)	2:B:53:ASP:O	1:A:64:GLU:OE2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:68:HIS:C	8	3.93
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CB	8	3.93
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CD2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CE1	8	3.93
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CG	8	3.93
(1,19)	2:B:53:ASP:O	1:A:68:HIS:H	8	3.93
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HB2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HB3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HD1	8	3.93
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HD2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HE1	8	3.93
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HE2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:68:HIS:N	8	3.93
(1,19)	2:B:53:ASP:O	1:A:68:HIS:ND1	8	3.93
(1,19)	2:B:53:ASP:O	1:A:68:HIS:NE2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:68:HIS:O	8	3.93
(1,19)	2:B:53:ASP:O	1:A:71:LEU:C	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:O	1:A:71:LEU:H	8	3.93
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:O	1:A:71:LEU:N	8	3.93
(1,19)	2:B:53:ASP:O	1:A:71:LEU:O	8	3.93
(1,19)	2:B:53:ASP:O	1:A:72:ARG:C	8	3.93
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CB	8	3.93
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CD	8	3.93
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CG	8	3.93
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CZ	8	3.93
(1,19)	2:B:53:ASP:O	1:A:72:ARG:H	8	3.93
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HB2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HB3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HD2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HD3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HE	8	3.93
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HG2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HG3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH11	8	3.93
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH12	8	3.93
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH21	8	3.93
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH22	8	3.93
(1,19)	2:B:53:ASP:O	1:A:72:ARG:N	8	3.93
(1,19)	2:B:53:ASP:O	1:A:72:ARG:NE	8	3.93
(1,19)	2:B:53:ASP:O	1:A:72:ARG:NH1	8	3.93
(1,19)	2:B:53:ASP:O	1:A:72:ARG:NH2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:72:ARG:O	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:73:LEU:C	8	3.93
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:O	1:A:73:LEU:H	8	3.93
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:O	1:A:73:LEU:N	8	3.93
(1,19)	2:B:53:ASP:O	1:A:73:LEU:O	8	3.93
(1,19)	2:B:53:ASP:O	1:A:74:ARG:C	8	3.93
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CB	8	3.93
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CD	8	3.93
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CG	8	3.93
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CZ	8	3.93
(1,19)	2:B:53:ASP:O	1:A:74:ARG:H	8	3.93
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HB2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HB3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HD2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HD3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HE	8	3.93
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HG2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HG3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH11	8	3.93
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH12	8	3.93
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH21	8	3.93
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH22	8	3.93
(1,19)	2:B:53:ASP:O	1:A:74:ARG:N	8	3.93
(1,19)	2:B:53:ASP:O	1:A:74:ARG:NE	8	3.93
(1,19)	2:B:53:ASP:O	1:A:74:ARG:NH1	8	3.93
(1,19)	2:B:53:ASP:O	1:A:74:ARG:NH2	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:74:ARG:O	8	3.93
(1,19)	2:B:53:ASP:O	1:A:75:GLY:C	8	3.93
(1,19)	2:B:53:ASP:O	1:A:75:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:75:GLY:H	8	3.93
(1,19)	2:B:53:ASP:O	1:A:75:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:75:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:75:GLY:N	8	3.93
(1,19)	2:B:53:ASP:O	1:A:75:GLY:O	8	3.93
(1,19)	2:B:53:ASP:O	1:A:76:GLY:C	8	3.93
(1,19)	2:B:53:ASP:O	1:A:76:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:O	1:A:76:GLY:H	8	3.93
(1,19)	2:B:53:ASP:O	1:A:76:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:O	1:A:76:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:O	1:A:76:GLY:N	8	3.93
(1,19)	2:B:53:ASP:O	1:A:76:GLY:O	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:C	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CB	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CD	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CG	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:H	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HB2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HB3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HE21	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HE22	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HG2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HG3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:N	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:NE2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:O	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:OE1	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:C	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:C	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD2	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:H	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:H	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:N	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:N	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:O	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:O	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:C	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:CA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:CB	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:CG2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:H	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HB	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG1	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG21	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG22	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG23	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:N	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:O	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:OG1	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:C	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:H	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:N	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:O	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:C	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAB	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAC	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAD	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAI	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAJ	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAO	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAR	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAS	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CB	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:H	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:HA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:HAA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:HB3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:N	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:NAQ	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:O	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:OAH	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:SAL	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:SG	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:C	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:CA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:CB	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:CG2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:H	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HB	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG1	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG21	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG22	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG23	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:N	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:O	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:OG1	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:C	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:CA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:CB	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:CG	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:H	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:HA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:HB2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:HB3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:N	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:O	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:OD1	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:OD2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:C	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CB	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CD1	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CG1	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CG2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:H	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HB	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HD11	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HD12	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HD13	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG12	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG13	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG21	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG22	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG23	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:N	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:O	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:C	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:CA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:CB	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:H	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HB1	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HB2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HB3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:N	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:O	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:C	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:H	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:N	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:O	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:C	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CB	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CD	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CE	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CG	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:H	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HB2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HB3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HD2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HD3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HE2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HE3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HG2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HG3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HZ1	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HZ2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HZ3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:N	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:NZ	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:O	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:C	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CB	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CD	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CG	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:H	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HB2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HB3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HE21	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HE22	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HG2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HG3	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:N	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:NE2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:O	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:OE1	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:C	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CB	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CD	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CG	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:H	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HB2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HB3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HG2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HG3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:N	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:O	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:OE1	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:OE2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:C	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:CA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:CB	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:CG	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:H	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:HA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:HB2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:HB3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:N	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:O	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:OD1	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:OD2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:C	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CB	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CD	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CG	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:H	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HB2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HB3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HG2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HG3	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:N	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:O	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:OE1	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:OE2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:C	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CB	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CD2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CE1	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CG	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:H	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HB2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HB3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HD1	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HD2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HE1	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HE2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:N	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:ND1	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:NE2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:O	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:C	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:H	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:N	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:O	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:C	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CB	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CD	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CG	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CZ	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:H	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HB2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HB3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HD2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HD3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HE	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HG2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HG3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH11	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH12	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH21	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH22	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:N	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:NE	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:NH1	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:NH2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:O	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:C	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:H	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:N	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:O	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:C	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CB	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CD	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CG	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CZ	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:H	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HB2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HB3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HD2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HD3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HE	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HG2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HG3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH11	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH12	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH21	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH22	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:N	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:NE	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:NH1	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:NH2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:O	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:C	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:H	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:N	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:O	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:C	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:H	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:N	8	3.93
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:O	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:C	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CB	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CD	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CG	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:H	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HB2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HB3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HE21	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HE22	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HG2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HG3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:N	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:NE2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:O	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:OE1	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:C	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:C	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:H	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:H	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD22	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:N	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:N	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:O	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:O	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:C	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:CA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:CB	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:CG2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:H	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HB	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG1	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG21	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG22	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG23	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:N	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:O	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:OG1	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:C	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:H	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:N	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:O	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:C	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAB	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAC	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAD	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAI	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAJ	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAO	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAR	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAS	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CB	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:H	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:HA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:HAA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:HB3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:N	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:NAQ	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:O	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:OAH	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:SAL	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:SG	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:C	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:CA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:CB	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:CG2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:H	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HB	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG1	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG21	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG22	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG23	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:N	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:O	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:OG1	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:C	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:CA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:CB	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:CG	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:H	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:HA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:HB2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:HB3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:N	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:O	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:OD1	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:OD2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:C	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CB	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CD1	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CG1	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CG2	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:H	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HB	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HD11	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HD12	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HD13	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG12	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG13	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG21	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG22	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG23	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:N	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:O	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:C	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:CA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:CB	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:H	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HB1	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HB2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HB3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:N	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:O	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:C	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:H	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:N	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:O	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:C	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CB	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CD	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CE	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CG	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:H	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HB2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HB3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HD2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HD3	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HE2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HE3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HG2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HG3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HZ1	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HZ2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HZ3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:N	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:NZ	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:O	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:C	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CB	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CD	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CG	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:H	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HB2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HB3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HE21	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HE22	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HG2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HG3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:N	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:NE2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:O	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:OE1	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:C	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CB	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CD	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CG	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:H	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HB2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HB3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HG2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HG3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:N	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:O	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:OE1	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:OE2	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:C	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:CA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:CB	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:CG	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:H	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:HA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:HB2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:HB3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:N	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:O	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:OD1	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:OD2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:C	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CB	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CD	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CG	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:H	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HB2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HB3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HG2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HG3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:N	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:O	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:OE1	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:OE2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:C	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CB	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CD2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CE1	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CG	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:H	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HB2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HB3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HD1	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HD2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HE1	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HE2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:N	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:ND1	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:NE2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:O	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:C	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:H	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:N	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:O	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:C	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CB	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CD	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CG	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CZ	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:H	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HB2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HB3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HD2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HD3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HE	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HG2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HG3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH11	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH12	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH21	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH22	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:N	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:NE	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:NH1	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:NH2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:O	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:C	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CB	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CD1	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CD2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CG	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:H	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HB2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HB3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD11	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD12	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD13	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD21	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD22	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD23	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HG	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:N	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:O	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:C	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CB	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CD	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CG	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CZ	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:H	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HB2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HB3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HD2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HD3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HE	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HG2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HG3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH11	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH12	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH21	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH22	8	3.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:N	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:NE	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:NH1	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:NH2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:O	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:C	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:H	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:N	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:O	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:C	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:CA	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:H	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:HA2	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:HA3	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:N	8	3.93
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:O	8	3.93
(1,19)	2:B:53:ASP:C	1:A:2:GLN:C	7	3.63
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CB	7	3.63
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CD	7	3.63
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CG	7	3.63
(1,19)	2:B:53:ASP:C	1:A:2:GLN:H	7	3.63
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HB2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HB3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HE21	7	3.63
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HE22	7	3.63
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HG2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HG3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:2:GLN:N	7	3.63
(1,19)	2:B:53:ASP:C	1:A:2:GLN:NE2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:2:GLN:O	7	3.63
(1,19)	2:B:53:ASP:C	1:A:2:GLN:OE1	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:C	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:C	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CB	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:H	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:H	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:N	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:N	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:O	7	3.63
(1,19)	2:B:53:ASP:C	1:A:8:LEU:O	7	3.63
(1,19)	2:B:53:ASP:C	1:A:9:THR:C	7	3.63
(1,19)	2:B:53:ASP:C	1:A:9:THR:CA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:9:THR:CB	7	3.63
(1,19)	2:B:53:ASP:C	1:A:9:THR:CG2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:9:THR:H	7	3.63
(1,19)	2:B:53:ASP:C	1:A:9:THR:HA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:9:THR:HB	7	3.63
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG1	7	3.63
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG21	7	3.63
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG22	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG23	7	3.63
(1,19)	2:B:53:ASP:C	1:A:9:THR:N	7	3.63
(1,19)	2:B:53:ASP:C	1:A:9:THR:O	7	3.63
(1,19)	2:B:53:ASP:C	1:A:9:THR:OG1	7	3.63
(1,19)	2:B:53:ASP:C	1:A:10:GLY:C	7	3.63
(1,19)	2:B:53:ASP:C	1:A:10:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:10:GLY:H	7	3.63
(1,19)	2:B:53:ASP:C	1:A:10:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:10:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:10:GLY:N	7	3.63
(1,19)	2:B:53:ASP:C	1:A:10:GLY:O	7	3.63
(1,19)	2:B:53:ASP:C	1:A:12:3X9:C	7	3.63
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAB	7	3.63
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAC	7	3.63
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAD	7	3.63
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAI	7	3.63
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAJ	7	3.63
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAO	7	3.63
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAR	7	3.63
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAS	7	3.63
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CB	7	3.63
(1,19)	2:B:53:ASP:C	1:A:12:3X9:H	7	3.63
(1,19)	2:B:53:ASP:C	1:A:12:3X9:HA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:12:3X9:HAA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:12:3X9:HB3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:12:3X9:N	7	3.63
(1,19)	2:B:53:ASP:C	1:A:12:3X9:NAQ	7	3.63
(1,19)	2:B:53:ASP:C	1:A:12:3X9:O	7	3.63
(1,19)	2:B:53:ASP:C	1:A:12:3X9:OAH	7	3.63
(1,19)	2:B:53:ASP:C	1:A:12:3X9:SAL	7	3.63
(1,19)	2:B:53:ASP:C	1:A:12:3X9:SG	7	3.63
(1,19)	2:B:53:ASP:C	1:A:14:THR:C	7	3.63
(1,19)	2:B:53:ASP:C	1:A:14:THR:CA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:14:THR:CB	7	3.63
(1,19)	2:B:53:ASP:C	1:A:14:THR:CG2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:14:THR:H	7	3.63
(1,19)	2:B:53:ASP:C	1:A:14:THR:HA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:14:THR:HB	7	3.63
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG1	7	3.63
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG21	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG22	7	3.63
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG23	7	3.63
(1,19)	2:B:53:ASP:C	1:A:14:THR:N	7	3.63
(1,19)	2:B:53:ASP:C	1:A:14:THR:O	7	3.63
(1,19)	2:B:53:ASP:C	1:A:14:THR:OG1	7	3.63
(1,19)	2:B:53:ASP:C	1:A:39:ASP:C	7	3.63
(1,19)	2:B:53:ASP:C	1:A:39:ASP:CA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:39:ASP:CB	7	3.63
(1,19)	2:B:53:ASP:C	1:A:39:ASP:CG	7	3.63
(1,19)	2:B:53:ASP:C	1:A:39:ASP:H	7	3.63
(1,19)	2:B:53:ASP:C	1:A:39:ASP:HA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:39:ASP:HB2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:39:ASP:HB3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:39:ASP:N	7	3.63
(1,19)	2:B:53:ASP:C	1:A:39:ASP:O	7	3.63
(1,19)	2:B:53:ASP:C	1:A:39:ASP:OD1	7	3.63
(1,19)	2:B:53:ASP:C	1:A:39:ASP:OD2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:44:ILE:C	7	3.63
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CB	7	3.63
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CD1	7	3.63
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CG1	7	3.63
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CG2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:44:ILE:H	7	3.63
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HB	7	3.63
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HD11	7	3.63
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HD12	7	3.63
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HD13	7	3.63
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG12	7	3.63
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG13	7	3.63
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG21	7	3.63
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG22	7	3.63
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG23	7	3.63
(1,19)	2:B:53:ASP:C	1:A:44:ILE:N	7	3.63
(1,19)	2:B:53:ASP:C	1:A:44:ILE:O	7	3.63
(1,19)	2:B:53:ASP:C	1:A:46:ALA:C	7	3.63
(1,19)	2:B:53:ASP:C	1:A:46:ALA:CA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:46:ALA:CB	7	3.63
(1,19)	2:B:53:ASP:C	1:A:46:ALA:H	7	3.63
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HB1	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HB2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HB3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:46:ALA:N	7	3.63
(1,19)	2:B:53:ASP:C	1:A:46:ALA:O	7	3.63
(1,19)	2:B:53:ASP:C	1:A:47:GLY:C	7	3.63
(1,19)	2:B:53:ASP:C	1:A:47:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:47:GLY:H	7	3.63
(1,19)	2:B:53:ASP:C	1:A:47:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:47:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:47:GLY:N	7	3.63
(1,19)	2:B:53:ASP:C	1:A:47:GLY:O	7	3.63
(1,19)	2:B:53:ASP:C	1:A:48:LYS:C	7	3.63
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CB	7	3.63
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CD	7	3.63
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CE	7	3.63
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CG	7	3.63
(1,19)	2:B:53:ASP:C	1:A:48:LYS:H	7	3.63
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HB2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HB3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HD2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HD3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HE2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HE3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HG2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HG3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HZ1	7	3.63
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HZ2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HZ3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:48:LYS:N	7	3.63
(1,19)	2:B:53:ASP:C	1:A:48:LYS:NZ	7	3.63
(1,19)	2:B:53:ASP:C	1:A:48:LYS:O	7	3.63
(1,19)	2:B:53:ASP:C	1:A:49:GLN:C	7	3.63
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CB	7	3.63
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CD	7	3.63
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CG	7	3.63
(1,19)	2:B:53:ASP:C	1:A:49:GLN:H	7	3.63
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HB2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HB3	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HE21	7	3.63
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HE22	7	3.63
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HG2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HG3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:49:GLN:N	7	3.63
(1,19)	2:B:53:ASP:C	1:A:49:GLN:NE2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:49:GLN:O	7	3.63
(1,19)	2:B:53:ASP:C	1:A:49:GLN:OE1	7	3.63
(1,19)	2:B:53:ASP:C	1:A:51:GLU:C	7	3.63
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CB	7	3.63
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CD	7	3.63
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CG	7	3.63
(1,19)	2:B:53:ASP:C	1:A:51:GLU:H	7	3.63
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HB2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HB3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HG2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HG3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:51:GLU:N	7	3.63
(1,19)	2:B:53:ASP:C	1:A:51:GLU:O	7	3.63
(1,19)	2:B:53:ASP:C	1:A:51:GLU:OE1	7	3.63
(1,19)	2:B:53:ASP:C	1:A:51:GLU:OE2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:52:ASP:C	7	3.63
(1,19)	2:B:53:ASP:C	1:A:52:ASP:CA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:52:ASP:CB	7	3.63
(1,19)	2:B:53:ASP:C	1:A:52:ASP:CG	7	3.63
(1,19)	2:B:53:ASP:C	1:A:52:ASP:H	7	3.63
(1,19)	2:B:53:ASP:C	1:A:52:ASP:HA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:52:ASP:HB2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:52:ASP:HB3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:52:ASP:N	7	3.63
(1,19)	2:B:53:ASP:C	1:A:52:ASP:O	7	3.63
(1,19)	2:B:53:ASP:C	1:A:52:ASP:OD1	7	3.63
(1,19)	2:B:53:ASP:C	1:A:52:ASP:OD2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:64:GLU:C	7	3.63
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CB	7	3.63
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CD	7	3.63
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CG	7	3.63
(1,19)	2:B:53:ASP:C	1:A:64:GLU:H	7	3.63
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HA	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HB2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HB3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HG2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HG3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:64:GLU:N	7	3.63
(1,19)	2:B:53:ASP:C	1:A:64:GLU:O	7	3.63
(1,19)	2:B:53:ASP:C	1:A:64:GLU:OE1	7	3.63
(1,19)	2:B:53:ASP:C	1:A:64:GLU:OE2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:68:HIS:C	7	3.63
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CB	7	3.63
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CD2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CE1	7	3.63
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CG	7	3.63
(1,19)	2:B:53:ASP:C	1:A:68:HIS:H	7	3.63
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HB2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HB3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HD1	7	3.63
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HD2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HE1	7	3.63
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HE2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:68:HIS:N	7	3.63
(1,19)	2:B:53:ASP:C	1:A:68:HIS:ND1	7	3.63
(1,19)	2:B:53:ASP:C	1:A:68:HIS:NE2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:68:HIS:O	7	3.63
(1,19)	2:B:53:ASP:C	1:A:71:LEU:C	7	3.63
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:C	1:A:71:LEU:H	7	3.63
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD23	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:C	1:A:71:LEU:N	7	3.63
(1,19)	2:B:53:ASP:C	1:A:71:LEU:O	7	3.63
(1,19)	2:B:53:ASP:C	1:A:72:ARG:C	7	3.63
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CB	7	3.63
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CD	7	3.63
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CG	7	3.63
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CZ	7	3.63
(1,19)	2:B:53:ASP:C	1:A:72:ARG:H	7	3.63
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HB2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HB3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HD2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HD3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HE	7	3.63
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HG2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HG3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH11	7	3.63
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH12	7	3.63
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH21	7	3.63
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH22	7	3.63
(1,19)	2:B:53:ASP:C	1:A:72:ARG:N	7	3.63
(1,19)	2:B:53:ASP:C	1:A:72:ARG:NE	7	3.63
(1,19)	2:B:53:ASP:C	1:A:72:ARG:NH1	7	3.63
(1,19)	2:B:53:ASP:C	1:A:72:ARG:NH2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:72:ARG:O	7	3.63
(1,19)	2:B:53:ASP:C	1:A:73:LEU:C	7	3.63
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:C	1:A:73:LEU:H	7	3.63
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD22	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:C	1:A:73:LEU:N	7	3.63
(1,19)	2:B:53:ASP:C	1:A:73:LEU:O	7	3.63
(1,19)	2:B:53:ASP:C	1:A:74:ARG:C	7	3.63
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CB	7	3.63
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CD	7	3.63
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CG	7	3.63
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CZ	7	3.63
(1,19)	2:B:53:ASP:C	1:A:74:ARG:H	7	3.63
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HB2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HB3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HD2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HD3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HE	7	3.63
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HG2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HG3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH11	7	3.63
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH12	7	3.63
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH21	7	3.63
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH22	7	3.63
(1,19)	2:B:53:ASP:C	1:A:74:ARG:N	7	3.63
(1,19)	2:B:53:ASP:C	1:A:74:ARG:NE	7	3.63
(1,19)	2:B:53:ASP:C	1:A:74:ARG:NH1	7	3.63
(1,19)	2:B:53:ASP:C	1:A:74:ARG:NH2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:74:ARG:O	7	3.63
(1,19)	2:B:53:ASP:C	1:A:75:GLY:C	7	3.63
(1,19)	2:B:53:ASP:C	1:A:75:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:75:GLY:H	7	3.63
(1,19)	2:B:53:ASP:C	1:A:75:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:75:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:75:GLY:N	7	3.63
(1,19)	2:B:53:ASP:C	1:A:75:GLY:O	7	3.63
(1,19)	2:B:53:ASP:C	1:A:76:GLY:C	7	3.63
(1,19)	2:B:53:ASP:C	1:A:76:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:C	1:A:76:GLY:H	7	3.63
(1,19)	2:B:53:ASP:C	1:A:76:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:C	1:A:76:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:C	1:A:76:GLY:N	7	3.63
(1,19)	2:B:53:ASP:C	1:A:76:GLY:O	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:C	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CB	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CD	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CG	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:H	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HB2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HB3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HE21	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HE22	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HG2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HG3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:N	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:NE2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:O	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:OE1	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:C	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:C	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:H	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:H	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD13	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:N	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:N	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:O	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:O	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:9:THR:C	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:9:THR:CA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:9:THR:CB	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:9:THR:CG2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:9:THR:H	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HB	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG1	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG21	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG22	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG23	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:9:THR:N	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:9:THR:O	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:9:THR:OG1	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:C	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:H	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:N	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:O	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:C	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAB	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAC	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAD	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAI	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAJ	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAO	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAR	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAS	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CB	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:H	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:HA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:HAA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:HB3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:N	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:NAQ	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:O	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:OAH	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:SAL	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:SG	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:14:THR:C	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:14:THR:CA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:14:THR:CB	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:14:THR:CG2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:14:THR:H	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HB	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG1	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG21	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG22	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG23	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:14:THR:N	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:14:THR:O	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:14:THR:OG1	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:C	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:CA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:CB	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:CG	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:H	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:HA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:HB2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:HB3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:N	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:O	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:OD1	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:OD2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:C	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CA	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CB	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CD1	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CG1	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CG2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:H	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HB	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HD11	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HD12	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HD13	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG12	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG13	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG21	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG22	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG23	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:N	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:O	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:C	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:CA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:CB	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:H	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HB1	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HB2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HB3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:N	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:O	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:C	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:H	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:N	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:O	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:C	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CB	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CD	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CE	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CG	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:H	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HA	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HB2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HB3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HD2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HD3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HE2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HE3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HG2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HG3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HZ1	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HZ2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HZ3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:N	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:NZ	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:O	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:C	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CB	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CD	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CG	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:H	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HB2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HB3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HE21	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HE22	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HG2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HG3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:N	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:NE2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:O	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:OE1	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:C	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CB	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CD	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CG	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:H	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HB2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HB3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HG2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HG3	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:N	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:O	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:OE1	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:OE2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:C	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:CA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:CB	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:CG	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:H	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:HA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:HB2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:HB3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:N	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:O	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:OD1	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:OD2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:C	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CB	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CD	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CG	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:H	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HB2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HB3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HG2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HG3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:N	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:O	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:OE1	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:OE2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:C	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CB	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CD2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CE1	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CG	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:H	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HB2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HB3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HD1	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HD2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HE1	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HE2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:N	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:ND1	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:NE2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:O	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:C	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:H	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:N	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:O	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:C	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CB	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CD	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CG	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CZ	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:H	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HB2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HB3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HD2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HD3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HE	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HG2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HG3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH11	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH12	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH21	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH22	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:N	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:NE	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:NH1	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:NH2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:O	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:C	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:H	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:N	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:O	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:C	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CB	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CD	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CG	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CZ	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:H	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HB2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HB3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HD2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HD3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HE	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HG2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HG3	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH11	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH12	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH21	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH22	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:N	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:NE	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:NH1	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:NH2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:O	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:C	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:H	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:N	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:O	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:C	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:H	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:N	7	3.63
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:O	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:C	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CB	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CD	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CG	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:H	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HB2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HB3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HE21	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HE22	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HG2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HG3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:N	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:NE2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:O	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:OE1	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:C	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:C	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:H	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:H	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:N	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:N	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:O	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:O	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:9:THR:C	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:9:THR:CA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:9:THR:CB	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:9:THR:CG2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:9:THR:H	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HA	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HB	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG1	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG21	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG22	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG23	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:9:THR:N	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:9:THR:O	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:9:THR:OG1	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:C	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:H	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:N	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:O	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:C	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAB	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAC	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAD	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAI	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAJ	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAO	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAR	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAS	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CB	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:H	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:HA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:HAA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:HB3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:N	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:NAQ	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:O	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:OAH	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:SAL	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:SG	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:14:THR:C	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:14:THR:CA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:14:THR:CB	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:14:THR:CG2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:14:THR:H	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HB	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG1	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG21	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG22	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG23	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:14:THR:N	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:14:THR:O	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:14:THR:OG1	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:C	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:CA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:CB	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:CG	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:H	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:HA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:HB2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:HB3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:N	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:O	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:OD1	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:OD2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:C	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CB	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CD1	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CG1	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CG2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:H	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HB	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HD11	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HD12	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HD13	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG12	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG13	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG21	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG22	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG23	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:N	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:O	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:C	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:CA	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:CB	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:H	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HB1	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HB2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HB3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:N	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:O	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:C	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:H	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:N	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:O	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:C	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CB	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CD	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CE	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CG	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:H	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HB2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HB3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HD2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HD3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HE2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HE3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HG2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HG3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HZ1	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HZ2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HZ3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:N	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:NZ	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:O	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:C	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CB	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CD	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CG	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:H	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HB2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HB3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HE21	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HE22	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HG2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HG3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:N	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:NE2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:O	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:OE1	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:C	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CB	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CD	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CG	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:H	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HB2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HB3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HG2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HG3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:N	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:O	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:OE1	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:OE2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:C	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:CA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:CB	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:CG	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:H	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:HA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:HB2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:HB3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:N	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:O	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:OD1	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:OD2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:C	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CB	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CD	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CG	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:H	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HB2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HB3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HG2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HG3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:N	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:O	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:OE1	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:OE2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:C	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CB	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CD2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CE1	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CG	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:H	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HB2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HB3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HD1	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HD2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HE1	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HE2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:N	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:ND1	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:NE2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:O	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:C	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:H	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD12	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:N	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:O	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:C	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CB	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CD	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CG	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CZ	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:H	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HB2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HB3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HD2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HD3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HE	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HG2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HG3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH11	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH12	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH21	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH22	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:N	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:NE	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:NH1	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:NH2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:O	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:C	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:H	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD11	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:N	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:O	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:C	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CB	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CD	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CG	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CZ	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:H	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HB2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HB3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HD2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HD3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HE	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HG2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HG3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH11	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH12	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH21	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH22	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:N	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:NE	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:NH1	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:NH2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:O	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:C	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:H	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:N	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:O	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:C	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:H	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:N	7	3.63
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:O	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:C	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CB	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CD	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CG	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:H	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HB2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HB3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HE21	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HE22	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HG2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HG3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:N	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:NE2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:O	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:OE1	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:C	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:C	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:H	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:H	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD11	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:N	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:N	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:O	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:O	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:9:THR:C	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:9:THR:CA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:9:THR:CB	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:9:THR:CG2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:9:THR:H	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HB	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG1	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG21	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG22	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG23	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:9:THR:N	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:9:THR:O	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:9:THR:OG1	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:C	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:H	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:N	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:O	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:C	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAB	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAC	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAD	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAI	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAJ	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAO	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAR	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAS	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CB	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:H	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:HA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:HAA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:HB3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:N	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:NAQ	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:O	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:OAH	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:SAL	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:SG	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:14:THR:C	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:14:THR:CA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:14:THR:CB	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:14:THR:CG2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:14:THR:H	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HB	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG1	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG21	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG22	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG23	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:14:THR:N	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:14:THR:O	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:14:THR:OG1	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:C	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:CA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:CB	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:CG	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:H	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:HA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:HB2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:HB3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:N	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:O	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:OD1	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:OD2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:C	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CB	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CD1	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CG1	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CG2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:H	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HB	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HD11	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HD12	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HD13	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG12	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG13	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG21	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG22	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG23	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:N	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:O	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:C	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:CA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:CB	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:H	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HB1	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HB2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HB3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:N	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:O	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:C	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:H	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:N	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:O	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:C	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CB	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CD	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CE	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CG	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:H	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HB2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HB3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HD2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HD3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HE2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HE3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HG2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HG3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HZ1	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HZ2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HZ3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:N	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:NZ	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:O	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:C	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CB	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CD	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CG	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:H	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HB2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HB3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HE21	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HE22	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HG2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HG3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:N	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:NE2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:O	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:OE1	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:C	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CB	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CD	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CG	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:H	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HA	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HB2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HB3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HG2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HG3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:N	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:O	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:OE1	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:OE2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:C	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:CA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:CB	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:CG	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:H	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:HA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:HB2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:HB3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:N	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:O	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:OD1	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:OD2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:C	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CB	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CD	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CG	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:H	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HB2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HB3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HG2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HG3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:N	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:O	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:OE1	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:OE2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:C	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CB	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CD2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CE1	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CG	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:H	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HB2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HB3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HD1	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HD2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HE1	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HE2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:N	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:ND1	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:NE2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:O	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:C	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:H	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:N	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:O	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:C	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CB	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CD	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CG	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CZ	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:H	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HB2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HB3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HD2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HD3	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HE	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HG2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HG3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH11	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH12	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH21	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH22	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:N	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:NE	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:NH1	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:NH2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:O	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:C	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:H	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:N	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:O	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:C	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CB	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CD	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CG	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CZ	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:H	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HB2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HB3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HD2	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HD3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HE	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HG2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HG3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH11	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH12	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH21	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH22	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:N	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:NE	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:NH1	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:NH2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:O	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:C	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:H	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:N	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:O	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:C	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:H	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:N	7	3.63
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:O	7	3.63
(1,19)	2:B:53:ASP:H	1:A:2:GLN:C	7	3.63
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CB	7	3.63
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CD	7	3.63
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CG	7	3.63
(1,19)	2:B:53:ASP:H	1:A:2:GLN:H	7	3.63
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HB2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HB3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HE21	7	3.63
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HE22	7	3.63
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HG2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HG3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:2:GLN:N	7	3.63
(1,19)	2:B:53:ASP:H	1:A:2:GLN:NE2	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:2:GLN:O	7	3.63
(1,19)	2:B:53:ASP:H	1:A:2:GLN:OE1	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:C	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:C	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:H	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:H	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:N	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:N	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:O	7	3.63
(1,19)	2:B:53:ASP:H	1:A:8:LEU:O	7	3.63
(1,19)	2:B:53:ASP:H	1:A:9:THR:C	7	3.63
(1,19)	2:B:53:ASP:H	1:A:9:THR:CA	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:9:THR:CB	7	3.63
(1,19)	2:B:53:ASP:H	1:A:9:THR:CG2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:9:THR:H	7	3.63
(1,19)	2:B:53:ASP:H	1:A:9:THR:HA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:9:THR:HB	7	3.63
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG1	7	3.63
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG21	7	3.63
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG22	7	3.63
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG23	7	3.63
(1,19)	2:B:53:ASP:H	1:A:9:THR:N	7	3.63
(1,19)	2:B:53:ASP:H	1:A:9:THR:O	7	3.63
(1,19)	2:B:53:ASP:H	1:A:9:THR:OG1	7	3.63
(1,19)	2:B:53:ASP:H	1:A:10:GLY:C	7	3.63
(1,19)	2:B:53:ASP:H	1:A:10:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:10:GLY:H	7	3.63
(1,19)	2:B:53:ASP:H	1:A:10:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:10:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:10:GLY:N	7	3.63
(1,19)	2:B:53:ASP:H	1:A:10:GLY:O	7	3.63
(1,19)	2:B:53:ASP:H	1:A:12:3X9:C	7	3.63
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAB	7	3.63
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAC	7	3.63
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAD	7	3.63
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAI	7	3.63
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAJ	7	3.63
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAO	7	3.63
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAR	7	3.63
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAS	7	3.63
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CB	7	3.63
(1,19)	2:B:53:ASP:H	1:A:12:3X9:H	7	3.63
(1,19)	2:B:53:ASP:H	1:A:12:3X9:HA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:12:3X9:HAA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:12:3X9:HB3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:12:3X9:N	7	3.63
(1,19)	2:B:53:ASP:H	1:A:12:3X9:NAQ	7	3.63
(1,19)	2:B:53:ASP:H	1:A:12:3X9:O	7	3.63
(1,19)	2:B:53:ASP:H	1:A:12:3X9:OAH	7	3.63
(1,19)	2:B:53:ASP:H	1:A:12:3X9:SAL	7	3.63
(1,19)	2:B:53:ASP:H	1:A:12:3X9:SG	7	3.63
(1,19)	2:B:53:ASP:H	1:A:14:THR:C	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:14:THR:CA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:14:THR:CB	7	3.63
(1,19)	2:B:53:ASP:H	1:A:14:THR:CG2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:14:THR:H	7	3.63
(1,19)	2:B:53:ASP:H	1:A:14:THR:HA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:14:THR:HB	7	3.63
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG1	7	3.63
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG21	7	3.63
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG22	7	3.63
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG23	7	3.63
(1,19)	2:B:53:ASP:H	1:A:14:THR:N	7	3.63
(1,19)	2:B:53:ASP:H	1:A:14:THR:O	7	3.63
(1,19)	2:B:53:ASP:H	1:A:14:THR:OG1	7	3.63
(1,19)	2:B:53:ASP:H	1:A:39:ASP:C	7	3.63
(1,19)	2:B:53:ASP:H	1:A:39:ASP:CA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:39:ASP:CB	7	3.63
(1,19)	2:B:53:ASP:H	1:A:39:ASP:CG	7	3.63
(1,19)	2:B:53:ASP:H	1:A:39:ASP:H	7	3.63
(1,19)	2:B:53:ASP:H	1:A:39:ASP:HA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:39:ASP:HB2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:39:ASP:HB3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:39:ASP:N	7	3.63
(1,19)	2:B:53:ASP:H	1:A:39:ASP:O	7	3.63
(1,19)	2:B:53:ASP:H	1:A:39:ASP:OD1	7	3.63
(1,19)	2:B:53:ASP:H	1:A:39:ASP:OD2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:44:ILE:C	7	3.63
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CB	7	3.63
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CD1	7	3.63
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CG1	7	3.63
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CG2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:44:ILE:H	7	3.63
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HB	7	3.63
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HD11	7	3.63
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HD12	7	3.63
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HD13	7	3.63
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG12	7	3.63
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG13	7	3.63
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG21	7	3.63
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG22	7	3.63
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG23	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:44:ILE:N	7	3.63
(1,19)	2:B:53:ASP:H	1:A:44:ILE:O	7	3.63
(1,19)	2:B:53:ASP:H	1:A:46:ALA:C	7	3.63
(1,19)	2:B:53:ASP:H	1:A:46:ALA:CA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:46:ALA:CB	7	3.63
(1,19)	2:B:53:ASP:H	1:A:46:ALA:H	7	3.63
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HB1	7	3.63
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HB2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HB3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:46:ALA:N	7	3.63
(1,19)	2:B:53:ASP:H	1:A:46:ALA:O	7	3.63
(1,19)	2:B:53:ASP:H	1:A:47:GLY:C	7	3.63
(1,19)	2:B:53:ASP:H	1:A:47:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:47:GLY:H	7	3.63
(1,19)	2:B:53:ASP:H	1:A:47:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:47:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:47:GLY:N	7	3.63
(1,19)	2:B:53:ASP:H	1:A:47:GLY:O	7	3.63
(1,19)	2:B:53:ASP:H	1:A:48:LYS:C	7	3.63
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CB	7	3.63
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CD	7	3.63
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CE	7	3.63
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CG	7	3.63
(1,19)	2:B:53:ASP:H	1:A:48:LYS:H	7	3.63
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HB2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HB3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HD2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HD3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HE2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HE3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HG2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HG3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HZ1	7	3.63
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HZ2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HZ3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:48:LYS:N	7	3.63
(1,19)	2:B:53:ASP:H	1:A:48:LYS:NZ	7	3.63
(1,19)	2:B:53:ASP:H	1:A:48:LYS:O	7	3.63
(1,19)	2:B:53:ASP:H	1:A:49:GLN:C	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CB	7	3.63
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CD	7	3.63
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CG	7	3.63
(1,19)	2:B:53:ASP:H	1:A:49:GLN:H	7	3.63
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HB2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HB3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HE21	7	3.63
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HE22	7	3.63
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HG2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HG3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:49:GLN:N	7	3.63
(1,19)	2:B:53:ASP:H	1:A:49:GLN:NE2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:49:GLN:O	7	3.63
(1,19)	2:B:53:ASP:H	1:A:49:GLN:OE1	7	3.63
(1,19)	2:B:53:ASP:H	1:A:51:GLU:C	7	3.63
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CB	7	3.63
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CD	7	3.63
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CG	7	3.63
(1,19)	2:B:53:ASP:H	1:A:51:GLU:H	7	3.63
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HB2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HB3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HG2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HG3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:51:GLU:N	7	3.63
(1,19)	2:B:53:ASP:H	1:A:51:GLU:O	7	3.63
(1,19)	2:B:53:ASP:H	1:A:51:GLU:OE1	7	3.63
(1,19)	2:B:53:ASP:H	1:A:51:GLU:OE2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:52:ASP:C	7	3.63
(1,19)	2:B:53:ASP:H	1:A:52:ASP:CA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:52:ASP:CB	7	3.63
(1,19)	2:B:53:ASP:H	1:A:52:ASP:CG	7	3.63
(1,19)	2:B:53:ASP:H	1:A:52:ASP:H	7	3.63
(1,19)	2:B:53:ASP:H	1:A:52:ASP:HA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:52:ASP:HB2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:52:ASP:HB3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:52:ASP:N	7	3.63
(1,19)	2:B:53:ASP:H	1:A:52:ASP:O	7	3.63
(1,19)	2:B:53:ASP:H	1:A:52:ASP:OD1	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:52:ASP:OD2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:64:GLU:C	7	3.63
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CB	7	3.63
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CD	7	3.63
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CG	7	3.63
(1,19)	2:B:53:ASP:H	1:A:64:GLU:H	7	3.63
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HB2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HB3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HG2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HG3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:64:GLU:N	7	3.63
(1,19)	2:B:53:ASP:H	1:A:64:GLU:O	7	3.63
(1,19)	2:B:53:ASP:H	1:A:64:GLU:OE1	7	3.63
(1,19)	2:B:53:ASP:H	1:A:64:GLU:OE2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:68:HIS:C	7	3.63
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CB	7	3.63
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CD2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CE1	7	3.63
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CG	7	3.63
(1,19)	2:B:53:ASP:H	1:A:68:HIS:H	7	3.63
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HB2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HB3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HD1	7	3.63
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HD2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HE1	7	3.63
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HE2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:68:HIS:N	7	3.63
(1,19)	2:B:53:ASP:H	1:A:68:HIS:ND1	7	3.63
(1,19)	2:B:53:ASP:H	1:A:68:HIS:NE2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:68:HIS:O	7	3.63
(1,19)	2:B:53:ASP:H	1:A:71:LEU:C	7	3.63
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:H	1:A:71:LEU:H	7	3.63
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HA	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:H	1:A:71:LEU:N	7	3.63
(1,19)	2:B:53:ASP:H	1:A:71:LEU:O	7	3.63
(1,19)	2:B:53:ASP:H	1:A:72:ARG:C	7	3.63
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CB	7	3.63
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CD	7	3.63
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CG	7	3.63
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CZ	7	3.63
(1,19)	2:B:53:ASP:H	1:A:72:ARG:H	7	3.63
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HB2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HB3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HD2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HD3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HE	7	3.63
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HG2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HG3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH11	7	3.63
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH12	7	3.63
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH21	7	3.63
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH22	7	3.63
(1,19)	2:B:53:ASP:H	1:A:72:ARG:N	7	3.63
(1,19)	2:B:53:ASP:H	1:A:72:ARG:NE	7	3.63
(1,19)	2:B:53:ASP:H	1:A:72:ARG:NH1	7	3.63
(1,19)	2:B:53:ASP:H	1:A:72:ARG:NH2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:72:ARG:O	7	3.63
(1,19)	2:B:53:ASP:H	1:A:73:LEU:C	7	3.63
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:H	1:A:73:LEU:H	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:H	1:A:73:LEU:N	7	3.63
(1,19)	2:B:53:ASP:H	1:A:73:LEU:O	7	3.63
(1,19)	2:B:53:ASP:H	1:A:74:ARG:C	7	3.63
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CB	7	3.63
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CD	7	3.63
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CG	7	3.63
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CZ	7	3.63
(1,19)	2:B:53:ASP:H	1:A:74:ARG:H	7	3.63
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HB2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HB3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HD2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HD3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HE	7	3.63
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HG2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HG3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH11	7	3.63
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH12	7	3.63
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH21	7	3.63
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH22	7	3.63
(1,19)	2:B:53:ASP:H	1:A:74:ARG:N	7	3.63
(1,19)	2:B:53:ASP:H	1:A:74:ARG:NE	7	3.63
(1,19)	2:B:53:ASP:H	1:A:74:ARG:NH1	7	3.63
(1,19)	2:B:53:ASP:H	1:A:74:ARG:NH2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:74:ARG:O	7	3.63
(1,19)	2:B:53:ASP:H	1:A:75:GLY:C	7	3.63
(1,19)	2:B:53:ASP:H	1:A:75:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:75:GLY:H	7	3.63
(1,19)	2:B:53:ASP:H	1:A:75:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:75:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:75:GLY:N	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:75:GLY:O	7	3.63
(1,19)	2:B:53:ASP:H	1:A:76:GLY:C	7	3.63
(1,19)	2:B:53:ASP:H	1:A:76:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:H	1:A:76:GLY:H	7	3.63
(1,19)	2:B:53:ASP:H	1:A:76:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:H	1:A:76:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:H	1:A:76:GLY:N	7	3.63
(1,19)	2:B:53:ASP:H	1:A:76:GLY:O	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:C	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CB	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CD	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CG	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:H	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HB2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HB3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HE21	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HE22	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HG2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HG3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:N	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:NE2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:O	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:OE1	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:C	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:C	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:H	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:H	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB2	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:N	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:N	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:O	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:O	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:9:THR:C	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:9:THR:CA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:9:THR:CB	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:9:THR:CG2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:9:THR:H	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HB	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG1	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG21	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG22	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG23	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:9:THR:N	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:9:THR:O	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:9:THR:OG1	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:C	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:H	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:N	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:O	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:C	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAB	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAC	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAD	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAI	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAJ	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAO	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAR	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAS	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CB	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:H	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:HA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:HAA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:HB3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:N	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:NAQ	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:O	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:OAH	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:SAL	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:SG	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:14:THR:C	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:14:THR:CA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:14:THR:CB	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:14:THR:CG2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:14:THR:H	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HB	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG1	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG21	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG22	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG23	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:14:THR:N	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:14:THR:O	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:14:THR:OG1	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:C	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:CA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:CB	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:CG	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:H	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:HA	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:HB2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:HB3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:N	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:O	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:OD1	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:OD2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:C	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CB	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CD1	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CG1	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CG2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:H	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HB	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HD11	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HD12	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HD13	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG12	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG13	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG21	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG22	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG23	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:N	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:O	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:C	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:CA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:CB	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:H	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HB1	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HB2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HB3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:N	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:O	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:C	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:H	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:N	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:O	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:C	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CB	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CD	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CE	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CG	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:H	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HB2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HB3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HD2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HD3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HE2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HE3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HG2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HG3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HZ1	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HZ2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HZ3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:N	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:NZ	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:O	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:C	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CB	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CD	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CG	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:H	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HB2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HB3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HE21	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HE22	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HG2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HG3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:N	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:NE2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:O	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:OE1	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:C	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CB	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CD	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CG	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:H	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HB2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HB3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HG2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HG3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:N	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:O	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:OE1	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:OE2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:C	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:CA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:CB	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:CG	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:H	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:HA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:HB2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:HB3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:N	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:O	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:OD1	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:OD2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:C	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CB	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CD	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CG	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:H	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HB2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HB3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HG2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HG3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:N	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:O	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:OE1	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:OE2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:C	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CB	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CD2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CE1	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CG	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:H	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HB2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HB3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HD1	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HD2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HE1	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HE2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:N	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:ND1	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:NE2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:O	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:C	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:H	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:N	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:O	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:C	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CB	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CD	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CG	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CZ	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:H	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HA	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HB2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HB3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HD2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HD3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HE	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HG2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HG3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH11	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH12	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH21	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH22	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:N	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:NE	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:NH1	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:NH2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:O	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:C	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:H	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:N	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:O	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:C	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CB	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CD	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CG	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CZ	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:H	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HB2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HB3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HD2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HD3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HE	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HG2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HG3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH11	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH12	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH21	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH22	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:N	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:NE	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:NH1	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:NH2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:O	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:C	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:H	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:N	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:O	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:C	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:H	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:N	7	3.63
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:O	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:C	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CB	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CD	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CG	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:H	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HB2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HB3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HE21	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HE22	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HG2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HG3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:N	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:NE2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:O	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:OE1	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:C	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:C	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:H	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:H	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:N	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:N	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:O	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:O	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:C	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:CA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:CB	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:CG2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:H	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HB	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG1	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG21	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG22	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG23	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:N	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:O	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:OG1	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:C	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:H	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:N	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:O	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:C	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAB	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAC	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAD	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAI	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAJ	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAO	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAR	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAS	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CB	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:H	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:HA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:HAA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:HB3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:N	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:NAQ	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:O	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:OAH	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:SAL	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:SG	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:C	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:CA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:CB	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:CG2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:H	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HB	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG1	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG21	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG22	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG23	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:N	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:O	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:OG1	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:C	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:CA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:CB	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:CG	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:H	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:HA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:HB2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:HB3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:N	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:O	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:OD1	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:OD2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:C	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CB	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CD1	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CG1	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CG2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:H	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HB	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HD11	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HD12	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HD13	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG12	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG13	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG21	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG22	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG23	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:N	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:O	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:C	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:CA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:CB	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:H	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HB1	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HB2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HB3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:N	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:O	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:C	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:H	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:N	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:O	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:C	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CB	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CD	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CE	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CG	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:H	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HB2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HB3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HD2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HD3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HE2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HE3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HG2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HG3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HZ1	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HZ2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HZ3	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:N	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:NZ	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:O	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:C	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CB	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CD	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CG	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:H	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HB2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HB3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HE21	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HE22	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HG2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HG3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:N	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:NE2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:O	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:OE1	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:C	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CB	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CD	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CG	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:H	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HB2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HB3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HG2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HG3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:N	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:O	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:OE1	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:OE2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:C	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:CA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:CB	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:CG	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:H	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:HA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:HB2	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:HB3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:N	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:O	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:OD1	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:OD2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:C	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CB	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CD	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CG	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:H	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HB2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HB3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HG2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HG3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:N	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:O	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:OE1	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:OE2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:C	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CB	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CD2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CE1	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CG	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:H	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HB2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HB3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HD1	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HD2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HE1	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HE2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:N	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:ND1	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:NE2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:O	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:C	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CD1	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:H	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:N	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:O	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:C	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CB	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CD	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CG	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CZ	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:H	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HB2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HB3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HD2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HD3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HE	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HG2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HG3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH11	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH12	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH21	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH22	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:N	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:NE	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:NH1	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:NH2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:O	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:C	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CB	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:H	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:N	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:O	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:C	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CB	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CD	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CG	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CZ	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:H	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HB2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HB3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HD2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HD3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HE	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HG2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HG3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH11	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH12	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH21	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH22	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:N	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:NE	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:NH1	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:NH2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:O	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:C	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:CA	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:H	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:N	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:O	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:C	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:H	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:N	7	3.63
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:O	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:C	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CB	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CD	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CG	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:H	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HB2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HB3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HE21	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HE22	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HG2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HG3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:N	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:NE2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:O	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:OE1	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:C	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:C	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:H	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:H	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:N	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:N	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:O	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:O	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:C	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:CA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:CB	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:CG2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:H	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HB	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG1	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG21	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG22	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG23	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:N	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:O	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:OG1	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:C	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:H	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:N	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:O	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:C	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAB	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAC	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAD	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAI	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAJ	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAO	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAR	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAS	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CB	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:H	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:HA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:HAA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:HB3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:N	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:NAQ	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:O	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:OAH	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:SAL	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:SG	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:C	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:CA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:CB	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:CG2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:H	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HB	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG1	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG21	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG22	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG23	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:N	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:O	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:OG1	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:C	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:CA	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:CB	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:CG	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:H	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:HA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:HB2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:HB3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:N	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:O	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:OD1	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:OD2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:C	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CB	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CD1	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CG1	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CG2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:H	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HB	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HD11	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HD12	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HD13	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG12	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG13	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG21	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG22	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG23	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:N	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:O	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:C	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:CA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:CB	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:H	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HB1	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HB2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HB3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:N	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:O	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:C	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:H	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:N	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:O	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:C	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CB	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CD	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CE	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CG	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:H	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HB2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HB3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HD2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HD3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HE2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HE3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HG2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HG3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HZ1	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HZ2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HZ3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:N	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:NZ	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:O	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:C	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CB	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CD	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CG	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:H	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HB2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HB3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HE21	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HE22	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HG2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HG3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:N	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:NE2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:O	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:OE1	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:C	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CB	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CD	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CG	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:H	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HB2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HB3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HG2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HG3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:N	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:O	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:OE1	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:OE2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:C	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:CA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:CB	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:CG	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:H	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:HA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:HB2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:HB3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:N	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:O	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:OD1	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:OD2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:C	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CB	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CD	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CG	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:H	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HB2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HB3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HG2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HG3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:N	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:O	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:OE1	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:OE2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:C	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CB	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CD2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CE1	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CG	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:H	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HB2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HB3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HD1	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HD2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HE1	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HE2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:N	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:ND1	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:NE2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:O	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:C	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:H	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:N	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:O	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:C	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CB	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CD	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CG	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CZ	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:H	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HB2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HB3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HD2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HD3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HE	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HG2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HG3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH11	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH12	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH21	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH22	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:N	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:NE	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:NH1	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:NH2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:O	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:C	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:H	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:N	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:O	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:C	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CB	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CD	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CG	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CZ	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:H	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HB2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HB3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HD2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HD3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HE	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HG2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HG3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH11	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH12	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH21	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH22	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:N	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:NE	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:NH1	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:NH2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:O	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:C	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:H	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:N	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:O	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:C	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:H	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:N	7	3.63
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:O	7	3.63
(1,19)	2:B:53:ASP:N	1:A:2:GLN:C	7	3.63
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CB	7	3.63
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CD	7	3.63
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CG	7	3.63
(1,19)	2:B:53:ASP:N	1:A:2:GLN:H	7	3.63
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HA	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HB2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HB3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HE21	7	3.63
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HE22	7	3.63
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HG2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HG3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:2:GLN:N	7	3.63
(1,19)	2:B:53:ASP:N	1:A:2:GLN:NE2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:2:GLN:O	7	3.63
(1,19)	2:B:53:ASP:N	1:A:2:GLN:OE1	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:C	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:C	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:H	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:H	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD23	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:N	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:N	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:O	7	3.63
(1,19)	2:B:53:ASP:N	1:A:8:LEU:O	7	3.63
(1,19)	2:B:53:ASP:N	1:A:9:THR:C	7	3.63
(1,19)	2:B:53:ASP:N	1:A:9:THR:CA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:9:THR:CB	7	3.63
(1,19)	2:B:53:ASP:N	1:A:9:THR:CG2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:9:THR:H	7	3.63
(1,19)	2:B:53:ASP:N	1:A:9:THR:HA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:9:THR:HB	7	3.63
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG1	7	3.63
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG21	7	3.63
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG22	7	3.63
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG23	7	3.63
(1,19)	2:B:53:ASP:N	1:A:9:THR:N	7	3.63
(1,19)	2:B:53:ASP:N	1:A:9:THR:O	7	3.63
(1,19)	2:B:53:ASP:N	1:A:9:THR:OG1	7	3.63
(1,19)	2:B:53:ASP:N	1:A:10:GLY:C	7	3.63
(1,19)	2:B:53:ASP:N	1:A:10:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:10:GLY:H	7	3.63
(1,19)	2:B:53:ASP:N	1:A:10:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:10:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:10:GLY:N	7	3.63
(1,19)	2:B:53:ASP:N	1:A:10:GLY:O	7	3.63
(1,19)	2:B:53:ASP:N	1:A:12:3X9:C	7	3.63
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAB	7	3.63
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAC	7	3.63
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAD	7	3.63
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAI	7	3.63
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAJ	7	3.63
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAO	7	3.63
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAR	7	3.63
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAS	7	3.63
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CB	7	3.63
(1,19)	2:B:53:ASP:N	1:A:12:3X9:H	7	3.63
(1,19)	2:B:53:ASP:N	1:A:12:3X9:HA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:12:3X9:HAA	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:12:3X9:HB3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:12:3X9:N	7	3.63
(1,19)	2:B:53:ASP:N	1:A:12:3X9:NAQ	7	3.63
(1,19)	2:B:53:ASP:N	1:A:12:3X9:O	7	3.63
(1,19)	2:B:53:ASP:N	1:A:12:3X9:OAH	7	3.63
(1,19)	2:B:53:ASP:N	1:A:12:3X9:SAL	7	3.63
(1,19)	2:B:53:ASP:N	1:A:12:3X9:SG	7	3.63
(1,19)	2:B:53:ASP:N	1:A:14:THR:C	7	3.63
(1,19)	2:B:53:ASP:N	1:A:14:THR:CA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:14:THR:CB	7	3.63
(1,19)	2:B:53:ASP:N	1:A:14:THR:CG2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:14:THR:H	7	3.63
(1,19)	2:B:53:ASP:N	1:A:14:THR:HA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:14:THR:HB	7	3.63
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG1	7	3.63
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG21	7	3.63
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG22	7	3.63
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG23	7	3.63
(1,19)	2:B:53:ASP:N	1:A:14:THR:N	7	3.63
(1,19)	2:B:53:ASP:N	1:A:14:THR:O	7	3.63
(1,19)	2:B:53:ASP:N	1:A:14:THR:OG1	7	3.63
(1,19)	2:B:53:ASP:N	1:A:39:ASP:C	7	3.63
(1,19)	2:B:53:ASP:N	1:A:39:ASP:CA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:39:ASP:CB	7	3.63
(1,19)	2:B:53:ASP:N	1:A:39:ASP:CG	7	3.63
(1,19)	2:B:53:ASP:N	1:A:39:ASP:H	7	3.63
(1,19)	2:B:53:ASP:N	1:A:39:ASP:HA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:39:ASP:HB2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:39:ASP:HB3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:39:ASP:N	7	3.63
(1,19)	2:B:53:ASP:N	1:A:39:ASP:O	7	3.63
(1,19)	2:B:53:ASP:N	1:A:39:ASP:OD1	7	3.63
(1,19)	2:B:53:ASP:N	1:A:39:ASP:OD2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:44:ILE:C	7	3.63
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CB	7	3.63
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CD1	7	3.63
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CG1	7	3.63
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CG2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:44:ILE:H	7	3.63
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HB	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HD11	7	3.63
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HD12	7	3.63
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HD13	7	3.63
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG12	7	3.63
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG13	7	3.63
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG21	7	3.63
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG22	7	3.63
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG23	7	3.63
(1,19)	2:B:53:ASP:N	1:A:44:ILE:N	7	3.63
(1,19)	2:B:53:ASP:N	1:A:44:ILE:O	7	3.63
(1,19)	2:B:53:ASP:N	1:A:46:ALA:C	7	3.63
(1,19)	2:B:53:ASP:N	1:A:46:ALA:CA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:46:ALA:CB	7	3.63
(1,19)	2:B:53:ASP:N	1:A:46:ALA:H	7	3.63
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HB1	7	3.63
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HB2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HB3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:46:ALA:N	7	3.63
(1,19)	2:B:53:ASP:N	1:A:46:ALA:O	7	3.63
(1,19)	2:B:53:ASP:N	1:A:47:GLY:C	7	3.63
(1,19)	2:B:53:ASP:N	1:A:47:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:47:GLY:H	7	3.63
(1,19)	2:B:53:ASP:N	1:A:47:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:47:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:47:GLY:N	7	3.63
(1,19)	2:B:53:ASP:N	1:A:47:GLY:O	7	3.63
(1,19)	2:B:53:ASP:N	1:A:48:LYS:C	7	3.63
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CB	7	3.63
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CD	7	3.63
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CE	7	3.63
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CG	7	3.63
(1,19)	2:B:53:ASP:N	1:A:48:LYS:H	7	3.63
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HB2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HB3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HD2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HD3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HE2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HE3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HG2	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HG3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HZ1	7	3.63
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HZ2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HZ3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:48:LYS:N	7	3.63
(1,19)	2:B:53:ASP:N	1:A:48:LYS:NZ	7	3.63
(1,19)	2:B:53:ASP:N	1:A:48:LYS:O	7	3.63
(1,19)	2:B:53:ASP:N	1:A:49:GLN:C	7	3.63
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CB	7	3.63
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CD	7	3.63
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CG	7	3.63
(1,19)	2:B:53:ASP:N	1:A:49:GLN:H	7	3.63
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HB2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HB3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HE21	7	3.63
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HE22	7	3.63
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HG2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HG3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:49:GLN:N	7	3.63
(1,19)	2:B:53:ASP:N	1:A:49:GLN:NE2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:49:GLN:O	7	3.63
(1,19)	2:B:53:ASP:N	1:A:49:GLN:OE1	7	3.63
(1,19)	2:B:53:ASP:N	1:A:51:GLU:C	7	3.63
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CB	7	3.63
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CD	7	3.63
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CG	7	3.63
(1,19)	2:B:53:ASP:N	1:A:51:GLU:H	7	3.63
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HB2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HB3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HG2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HG3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:51:GLU:N	7	3.63
(1,19)	2:B:53:ASP:N	1:A:51:GLU:O	7	3.63
(1,19)	2:B:53:ASP:N	1:A:51:GLU:OE1	7	3.63
(1,19)	2:B:53:ASP:N	1:A:51:GLU:OE2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:52:ASP:C	7	3.63
(1,19)	2:B:53:ASP:N	1:A:52:ASP:CA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:52:ASP:CB	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:52:ASP:CG	7	3.63
(1,19)	2:B:53:ASP:N	1:A:52:ASP:H	7	3.63
(1,19)	2:B:53:ASP:N	1:A:52:ASP:HA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:52:ASP:HB2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:52:ASP:HB3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:52:ASP:N	7	3.63
(1,19)	2:B:53:ASP:N	1:A:52:ASP:O	7	3.63
(1,19)	2:B:53:ASP:N	1:A:52:ASP:OD1	7	3.63
(1,19)	2:B:53:ASP:N	1:A:52:ASP:OD2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:64:GLU:C	7	3.63
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CB	7	3.63
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CD	7	3.63
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CG	7	3.63
(1,19)	2:B:53:ASP:N	1:A:64:GLU:H	7	3.63
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HB2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HB3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HG2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HG3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:64:GLU:N	7	3.63
(1,19)	2:B:53:ASP:N	1:A:64:GLU:O	7	3.63
(1,19)	2:B:53:ASP:N	1:A:64:GLU:OE1	7	3.63
(1,19)	2:B:53:ASP:N	1:A:64:GLU:OE2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:68:HIS:C	7	3.63
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CB	7	3.63
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CD2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CE1	7	3.63
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CG	7	3.63
(1,19)	2:B:53:ASP:N	1:A:68:HIS:H	7	3.63
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HB2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HB3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HD1	7	3.63
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HD2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HE1	7	3.63
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HE2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:68:HIS:N	7	3.63
(1,19)	2:B:53:ASP:N	1:A:68:HIS:ND1	7	3.63
(1,19)	2:B:53:ASP:N	1:A:68:HIS:NE2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:68:HIS:O	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:71:LEU:C	7	3.63
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:N	1:A:71:LEU:H	7	3.63
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:N	1:A:71:LEU:N	7	3.63
(1,19)	2:B:53:ASP:N	1:A:71:LEU:O	7	3.63
(1,19)	2:B:53:ASP:N	1:A:72:ARG:C	7	3.63
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CB	7	3.63
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CD	7	3.63
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CG	7	3.63
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CZ	7	3.63
(1,19)	2:B:53:ASP:N	1:A:72:ARG:H	7	3.63
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HB2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HB3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HD2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HD3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HE	7	3.63
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HG2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HG3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH11	7	3.63
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH12	7	3.63
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH21	7	3.63
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH22	7	3.63
(1,19)	2:B:53:ASP:N	1:A:72:ARG:N	7	3.63
(1,19)	2:B:53:ASP:N	1:A:72:ARG:NE	7	3.63
(1,19)	2:B:53:ASP:N	1:A:72:ARG:NH1	7	3.63
(1,19)	2:B:53:ASP:N	1:A:72:ARG:NH2	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:72:ARG:O	7	3.63
(1,19)	2:B:53:ASP:N	1:A:73:LEU:C	7	3.63
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:N	1:A:73:LEU:H	7	3.63
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:N	1:A:73:LEU:N	7	3.63
(1,19)	2:B:53:ASP:N	1:A:73:LEU:O	7	3.63
(1,19)	2:B:53:ASP:N	1:A:74:ARG:C	7	3.63
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CB	7	3.63
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CD	7	3.63
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CG	7	3.63
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CZ	7	3.63
(1,19)	2:B:53:ASP:N	1:A:74:ARG:H	7	3.63
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HB2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HB3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HD2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HD3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HE	7	3.63
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HG2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HG3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH11	7	3.63
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH12	7	3.63
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH21	7	3.63
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH22	7	3.63
(1,19)	2:B:53:ASP:N	1:A:74:ARG:N	7	3.63
(1,19)	2:B:53:ASP:N	1:A:74:ARG:NE	7	3.63
(1,19)	2:B:53:ASP:N	1:A:74:ARG:NH1	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:74:ARG:NH2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:74:ARG:O	7	3.63
(1,19)	2:B:53:ASP:N	1:A:75:GLY:C	7	3.63
(1,19)	2:B:53:ASP:N	1:A:75:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:75:GLY:H	7	3.63
(1,19)	2:B:53:ASP:N	1:A:75:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:75:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:75:GLY:N	7	3.63
(1,19)	2:B:53:ASP:N	1:A:75:GLY:O	7	3.63
(1,19)	2:B:53:ASP:N	1:A:76:GLY:C	7	3.63
(1,19)	2:B:53:ASP:N	1:A:76:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:N	1:A:76:GLY:H	7	3.63
(1,19)	2:B:53:ASP:N	1:A:76:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:N	1:A:76:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:N	1:A:76:GLY:N	7	3.63
(1,19)	2:B:53:ASP:N	1:A:76:GLY:O	7	3.63
(1,19)	2:B:53:ASP:O	1:A:2:GLN:C	7	3.63
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CB	7	3.63
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CD	7	3.63
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CG	7	3.63
(1,19)	2:B:53:ASP:O	1:A:2:GLN:H	7	3.63
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HB2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HB3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HE21	7	3.63
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HE22	7	3.63
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HG2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HG3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:2:GLN:N	7	3.63
(1,19)	2:B:53:ASP:O	1:A:2:GLN:NE2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:2:GLN:O	7	3.63
(1,19)	2:B:53:ASP:O	1:A:2:GLN:OE1	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:C	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:C	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD2	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:H	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:H	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:N	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:N	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:O	7	3.63
(1,19)	2:B:53:ASP:O	1:A:8:LEU:O	7	3.63
(1,19)	2:B:53:ASP:O	1:A:9:THR:C	7	3.63
(1,19)	2:B:53:ASP:O	1:A:9:THR:CA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:9:THR:CB	7	3.63
(1,19)	2:B:53:ASP:O	1:A:9:THR:CG2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:9:THR:H	7	3.63
(1,19)	2:B:53:ASP:O	1:A:9:THR:HA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:9:THR:HB	7	3.63
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG1	7	3.63
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG21	7	3.63
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG22	7	3.63
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG23	7	3.63
(1,19)	2:B:53:ASP:O	1:A:9:THR:N	7	3.63
(1,19)	2:B:53:ASP:O	1:A:9:THR:O	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:9:THR:OG1	7	3.63
(1,19)	2:B:53:ASP:O	1:A:10:GLY:C	7	3.63
(1,19)	2:B:53:ASP:O	1:A:10:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:10:GLY:H	7	3.63
(1,19)	2:B:53:ASP:O	1:A:10:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:10:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:10:GLY:N	7	3.63
(1,19)	2:B:53:ASP:O	1:A:10:GLY:O	7	3.63
(1,19)	2:B:53:ASP:O	1:A:12:3X9:C	7	3.63
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAB	7	3.63
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAC	7	3.63
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAD	7	3.63
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAI	7	3.63
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAJ	7	3.63
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAO	7	3.63
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAR	7	3.63
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAS	7	3.63
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CB	7	3.63
(1,19)	2:B:53:ASP:O	1:A:12:3X9:H	7	3.63
(1,19)	2:B:53:ASP:O	1:A:12:3X9:HA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:12:3X9:HAA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:12:3X9:HB3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:12:3X9:N	7	3.63
(1,19)	2:B:53:ASP:O	1:A:12:3X9:NAQ	7	3.63
(1,19)	2:B:53:ASP:O	1:A:12:3X9:O	7	3.63
(1,19)	2:B:53:ASP:O	1:A:12:3X9:OAH	7	3.63
(1,19)	2:B:53:ASP:O	1:A:12:3X9:SAL	7	3.63
(1,19)	2:B:53:ASP:O	1:A:12:3X9:SG	7	3.63
(1,19)	2:B:53:ASP:O	1:A:14:THR:C	7	3.63
(1,19)	2:B:53:ASP:O	1:A:14:THR:CA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:14:THR:CB	7	3.63
(1,19)	2:B:53:ASP:O	1:A:14:THR:CG2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:14:THR:H	7	3.63
(1,19)	2:B:53:ASP:O	1:A:14:THR:HA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:14:THR:HB	7	3.63
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG1	7	3.63
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG21	7	3.63
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG22	7	3.63
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG23	7	3.63
(1,19)	2:B:53:ASP:O	1:A:14:THR:N	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:14:THR:O	7	3.63
(1,19)	2:B:53:ASP:O	1:A:14:THR:OG1	7	3.63
(1,19)	2:B:53:ASP:O	1:A:39:ASP:C	7	3.63
(1,19)	2:B:53:ASP:O	1:A:39:ASP:CA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:39:ASP:CB	7	3.63
(1,19)	2:B:53:ASP:O	1:A:39:ASP:CG	7	3.63
(1,19)	2:B:53:ASP:O	1:A:39:ASP:H	7	3.63
(1,19)	2:B:53:ASP:O	1:A:39:ASP:HA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:39:ASP:HB2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:39:ASP:HB3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:39:ASP:N	7	3.63
(1,19)	2:B:53:ASP:O	1:A:39:ASP:O	7	3.63
(1,19)	2:B:53:ASP:O	1:A:39:ASP:OD1	7	3.63
(1,19)	2:B:53:ASP:O	1:A:39:ASP:OD2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:44:ILE:C	7	3.63
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CB	7	3.63
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CD1	7	3.63
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CG1	7	3.63
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CG2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:44:ILE:H	7	3.63
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HB	7	3.63
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HD11	7	3.63
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HD12	7	3.63
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HD13	7	3.63
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG12	7	3.63
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG13	7	3.63
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG21	7	3.63
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG22	7	3.63
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG23	7	3.63
(1,19)	2:B:53:ASP:O	1:A:44:ILE:N	7	3.63
(1,19)	2:B:53:ASP:O	1:A:44:ILE:O	7	3.63
(1,19)	2:B:53:ASP:O	1:A:46:ALA:C	7	3.63
(1,19)	2:B:53:ASP:O	1:A:46:ALA:CA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:46:ALA:CB	7	3.63
(1,19)	2:B:53:ASP:O	1:A:46:ALA:H	7	3.63
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HB1	7	3.63
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HB2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HB3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:46:ALA:N	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:46:ALA:O	7	3.63
(1,19)	2:B:53:ASP:O	1:A:47:GLY:C	7	3.63
(1,19)	2:B:53:ASP:O	1:A:47:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:47:GLY:H	7	3.63
(1,19)	2:B:53:ASP:O	1:A:47:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:47:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:47:GLY:N	7	3.63
(1,19)	2:B:53:ASP:O	1:A:47:GLY:O	7	3.63
(1,19)	2:B:53:ASP:O	1:A:48:LYS:C	7	3.63
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CB	7	3.63
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CD	7	3.63
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CE	7	3.63
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CG	7	3.63
(1,19)	2:B:53:ASP:O	1:A:48:LYS:H	7	3.63
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HB2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HB3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HD2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HD3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HE2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HE3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HG2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HG3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HZ1	7	3.63
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HZ2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HZ3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:48:LYS:N	7	3.63
(1,19)	2:B:53:ASP:O	1:A:48:LYS:NZ	7	3.63
(1,19)	2:B:53:ASP:O	1:A:48:LYS:O	7	3.63
(1,19)	2:B:53:ASP:O	1:A:49:GLN:C	7	3.63
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CB	7	3.63
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CD	7	3.63
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CG	7	3.63
(1,19)	2:B:53:ASP:O	1:A:49:GLN:H	7	3.63
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HB2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HB3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HE21	7	3.63
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HE22	7	3.63
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HG2	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HG3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:49:GLN:N	7	3.63
(1,19)	2:B:53:ASP:O	1:A:49:GLN:NE2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:49:GLN:O	7	3.63
(1,19)	2:B:53:ASP:O	1:A:49:GLN:OE1	7	3.63
(1,19)	2:B:53:ASP:O	1:A:51:GLU:C	7	3.63
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CB	7	3.63
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CD	7	3.63
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CG	7	3.63
(1,19)	2:B:53:ASP:O	1:A:51:GLU:H	7	3.63
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HB2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HB3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HG2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HG3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:51:GLU:N	7	3.63
(1,19)	2:B:53:ASP:O	1:A:51:GLU:O	7	3.63
(1,19)	2:B:53:ASP:O	1:A:51:GLU:OE1	7	3.63
(1,19)	2:B:53:ASP:O	1:A:51:GLU:OE2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:52:ASP:C	7	3.63
(1,19)	2:B:53:ASP:O	1:A:52:ASP:CA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:52:ASP:CB	7	3.63
(1,19)	2:B:53:ASP:O	1:A:52:ASP:CG	7	3.63
(1,19)	2:B:53:ASP:O	1:A:52:ASP:H	7	3.63
(1,19)	2:B:53:ASP:O	1:A:52:ASP:HA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:52:ASP:HB2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:52:ASP:HB3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:52:ASP:N	7	3.63
(1,19)	2:B:53:ASP:O	1:A:52:ASP:O	7	3.63
(1,19)	2:B:53:ASP:O	1:A:52:ASP:OD1	7	3.63
(1,19)	2:B:53:ASP:O	1:A:52:ASP:OD2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:64:GLU:C	7	3.63
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CB	7	3.63
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CD	7	3.63
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CG	7	3.63
(1,19)	2:B:53:ASP:O	1:A:64:GLU:H	7	3.63
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HB2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HB3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HG2	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HG3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:64:GLU:N	7	3.63
(1,19)	2:B:53:ASP:O	1:A:64:GLU:O	7	3.63
(1,19)	2:B:53:ASP:O	1:A:64:GLU:OE1	7	3.63
(1,19)	2:B:53:ASP:O	1:A:64:GLU:OE2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:68:HIS:C	7	3.63
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CB	7	3.63
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CD2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CE1	7	3.63
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CG	7	3.63
(1,19)	2:B:53:ASP:O	1:A:68:HIS:H	7	3.63
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HB2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HB3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HD1	7	3.63
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HD2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HE1	7	3.63
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HE2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:68:HIS:N	7	3.63
(1,19)	2:B:53:ASP:O	1:A:68:HIS:ND1	7	3.63
(1,19)	2:B:53:ASP:O	1:A:68:HIS:NE2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:68:HIS:O	7	3.63
(1,19)	2:B:53:ASP:O	1:A:71:LEU:C	7	3.63
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:O	1:A:71:LEU:H	7	3.63
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:O	1:A:71:LEU:N	7	3.63
(1,19)	2:B:53:ASP:O	1:A:71:LEU:O	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:72:ARG:C	7	3.63
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CB	7	3.63
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CD	7	3.63
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CG	7	3.63
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CZ	7	3.63
(1,19)	2:B:53:ASP:O	1:A:72:ARG:H	7	3.63
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HB2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HB3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HD2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HD3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HE	7	3.63
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HG2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HG3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH11	7	3.63
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH12	7	3.63
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH21	7	3.63
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH22	7	3.63
(1,19)	2:B:53:ASP:O	1:A:72:ARG:N	7	3.63
(1,19)	2:B:53:ASP:O	1:A:72:ARG:NE	7	3.63
(1,19)	2:B:53:ASP:O	1:A:72:ARG:NH1	7	3.63
(1,19)	2:B:53:ASP:O	1:A:72:ARG:NH2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:72:ARG:O	7	3.63
(1,19)	2:B:53:ASP:O	1:A:73:LEU:C	7	3.63
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:O	1:A:73:LEU:H	7	3.63
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:O	1:A:73:LEU:N	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:73:LEU:O	7	3.63
(1,19)	2:B:53:ASP:O	1:A:74:ARG:C	7	3.63
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CB	7	3.63
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CD	7	3.63
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CG	7	3.63
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CZ	7	3.63
(1,19)	2:B:53:ASP:O	1:A:74:ARG:H	7	3.63
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HB2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HB3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HD2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HD3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HE	7	3.63
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HG2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HG3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH11	7	3.63
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH12	7	3.63
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH21	7	3.63
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH22	7	3.63
(1,19)	2:B:53:ASP:O	1:A:74:ARG:N	7	3.63
(1,19)	2:B:53:ASP:O	1:A:74:ARG:NE	7	3.63
(1,19)	2:B:53:ASP:O	1:A:74:ARG:NH1	7	3.63
(1,19)	2:B:53:ASP:O	1:A:74:ARG:NH2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:74:ARG:O	7	3.63
(1,19)	2:B:53:ASP:O	1:A:75:GLY:C	7	3.63
(1,19)	2:B:53:ASP:O	1:A:75:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:75:GLY:H	7	3.63
(1,19)	2:B:53:ASP:O	1:A:75:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:75:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:75:GLY:N	7	3.63
(1,19)	2:B:53:ASP:O	1:A:75:GLY:O	7	3.63
(1,19)	2:B:53:ASP:O	1:A:76:GLY:C	7	3.63
(1,19)	2:B:53:ASP:O	1:A:76:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:O	1:A:76:GLY:H	7	3.63
(1,19)	2:B:53:ASP:O	1:A:76:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:O	1:A:76:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:O	1:A:76:GLY:N	7	3.63
(1,19)	2:B:53:ASP:O	1:A:76:GLY:O	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:C	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CB	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CD	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CG	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:H	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HB2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HB3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HE21	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HE22	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HG2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HG3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:N	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:NE2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:O	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:OE1	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:C	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:C	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:H	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:H	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD21	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:N	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:N	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:O	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:O	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:C	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:CA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:CB	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:CG2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:H	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HB	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG1	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG21	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG22	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG23	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:N	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:O	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:OG1	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:C	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:H	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:N	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:O	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:C	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAB	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAC	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAD	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAI	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAJ	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAO	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAR	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAS	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CB	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:H	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:HA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:HAA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:HB3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:N	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:NAQ	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:O	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:OAH	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:SAL	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:SG	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:C	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:CA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:CB	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:CG2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:H	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HB	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG1	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG21	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG22	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG23	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:N	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:O	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:OG1	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:C	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:CA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:CB	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:CG	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:H	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:HA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:HB2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:HB3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:N	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:O	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:OD1	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:OD2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:C	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CB	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CD1	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CG1	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CG2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:H	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HB	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HD11	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HD12	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HD13	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG12	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG13	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG21	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG22	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG23	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:N	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:O	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:C	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:CA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:CB	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:H	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HB1	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HB2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HB3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:N	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:O	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:C	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:H	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:N	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:O	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:C	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CB	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CD	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CE	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CG	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:H	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HB2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HB3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HD2	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HD3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HE2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HE3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HG2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HG3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HZ1	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HZ2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HZ3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:N	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:NZ	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:O	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:C	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CB	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CD	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CG	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:H	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HB2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HB3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HE21	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HE22	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HG2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HG3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:N	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:NE2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:O	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:OE1	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:C	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CB	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CD	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CG	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:H	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HB2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HB3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HG2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HG3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:N	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:O	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:OE1	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:OE2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:C	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:CA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:CB	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:CG	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:H	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:HA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:HB2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:HB3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:N	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:O	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:OD1	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:OD2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:C	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CB	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CD	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CG	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:H	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HB2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HB3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HG2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HG3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:N	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:O	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:OE1	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:OE2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:C	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CB	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CD2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CE1	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CG	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:H	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HB2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HB3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HD1	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HD2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HE1	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HE2	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:N	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:ND1	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:NE2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:O	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:C	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:H	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:N	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:O	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:C	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CB	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CD	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CG	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CZ	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:H	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HB2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HB3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HD2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HD3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HE	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HG2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HG3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH11	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH12	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH21	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH22	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:N	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:NE	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:NH1	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:NH2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:O	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:C	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:H	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:N	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:O	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:C	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CB	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CD	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CG	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CZ	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:H	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HB2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HB3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HD2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HD3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HE	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HG2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HG3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH11	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH12	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH21	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH22	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:N	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:NE	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:NH1	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:NH2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:O	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:C	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:H	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:N	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:O	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:C	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:H	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:N	7	3.63
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:O	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:C	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CB	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CD	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CG	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:H	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HB2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HB3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HE21	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HE22	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HG2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HG3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:N	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:NE2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:O	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:OE1	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:C	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:C	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CB	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:H	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:H	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:N	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:N	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:O	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:O	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:C	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:CA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:CB	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:CG2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:H	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HB	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG1	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG21	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG22	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG23	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:N	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:O	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:OG1	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:C	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:H	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:N	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:O	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:C	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAB	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAC	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAD	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAI	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAJ	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAO	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAR	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAS	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CB	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:H	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:HA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:HAA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:HB3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:N	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:NAQ	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:O	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:OAH	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:SAL	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:SG	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:C	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:CA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:CB	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:CG2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:H	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HB	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG1	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG21	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG22	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG23	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:N	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:O	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:OG1	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:C	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:CA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:CB	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:CG	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:H	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:HA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:HB2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:HB3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:N	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:O	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:OD1	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:OD2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:C	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CB	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CD1	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CG1	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CG2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:H	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HB	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HD11	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HD12	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HD13	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG12	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG13	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG21	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG22	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG23	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:N	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:O	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:C	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:CA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:CB	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:H	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HA	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HB1	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HB2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HB3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:N	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:O	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:C	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:H	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:N	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:O	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:C	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CB	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CD	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CE	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CG	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:H	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HB2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HB3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HD2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HD3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HE2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HE3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HG2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HG3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HZ1	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HZ2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HZ3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:N	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:NZ	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:O	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:C	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CB	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CD	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CG	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:H	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HB2	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HB3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HE21	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HE22	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HG2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HG3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:N	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:NE2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:O	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:OE1	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:C	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CB	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CD	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CG	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:H	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HB2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HB3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HG2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HG3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:N	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:O	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:OE1	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:OE2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:C	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:CA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:CB	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:CG	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:H	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:HA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:HB2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:HB3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:N	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:O	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:OD1	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:OD2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:C	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CB	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CD	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CG	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:H	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HB2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HB3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HG2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HG3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:N	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:O	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:OE1	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:OE2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:C	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CB	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CD2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CE1	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CG	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:H	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HB2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HB3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HD1	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HD2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HE1	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HE2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:N	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:ND1	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:NE2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:O	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:C	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:H	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD21	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD22	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:N	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:O	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:C	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CB	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CD	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CG	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CZ	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:H	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HB2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HB3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HD2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HD3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HE	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HG2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HG3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH11	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH12	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH21	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH22	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:N	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:NE	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:NH1	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:NH2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:O	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:C	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CB	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CD1	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CD2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CG	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:H	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HB2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HB3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD11	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD12	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD13	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD21	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD22	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD23	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HG	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:N	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:O	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:C	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CB	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CD	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CG	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CZ	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:H	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HB2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HB3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HD2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HD3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HE	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HG2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HG3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH11	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH12	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH21	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH22	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:N	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:NE	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:NH1	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:NH2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:O	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:C	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:H	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:N	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:O	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:C	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:CA	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:H	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:HA2	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:HA3	7	3.63
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:N	7	3.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:O	7	3.63
(1,19)	2:B:53:ASP:C	1:A:2:GLN:C	1	3.6
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CB	1	3.6
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CD	1	3.6
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CG	1	3.6
(1,19)	2:B:53:ASP:C	1:A:2:GLN:H	1	3.6
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HB2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HB3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HE21	1	3.6
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HE22	1	3.6
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HG2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HG3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:2:GLN:N	1	3.6
(1,19)	2:B:53:ASP:C	1:A:2:GLN:NE2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:2:GLN:O	1	3.6
(1,19)	2:B:53:ASP:C	1:A:2:GLN:OE1	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:C	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:C	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:H	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:H	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD12	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:N	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:N	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:O	1	3.6
(1,19)	2:B:53:ASP:C	1:A:8:LEU:O	1	3.6
(1,19)	2:B:53:ASP:C	1:A:9:THR:C	1	3.6
(1,19)	2:B:53:ASP:C	1:A:9:THR:CA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:9:THR:CB	1	3.6
(1,19)	2:B:53:ASP:C	1:A:9:THR:CG2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:9:THR:H	1	3.6
(1,19)	2:B:53:ASP:C	1:A:9:THR:HA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:9:THR:HB	1	3.6
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG1	1	3.6
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG21	1	3.6
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG22	1	3.6
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG23	1	3.6
(1,19)	2:B:53:ASP:C	1:A:9:THR:N	1	3.6
(1,19)	2:B:53:ASP:C	1:A:9:THR:O	1	3.6
(1,19)	2:B:53:ASP:C	1:A:9:THR:OG1	1	3.6
(1,19)	2:B:53:ASP:C	1:A:10:GLY:C	1	3.6
(1,19)	2:B:53:ASP:C	1:A:10:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:10:GLY:H	1	3.6
(1,19)	2:B:53:ASP:C	1:A:10:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:10:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:10:GLY:N	1	3.6
(1,19)	2:B:53:ASP:C	1:A:10:GLY:O	1	3.6
(1,19)	2:B:53:ASP:C	1:A:12:3X9:C	1	3.6
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAB	1	3.6
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAC	1	3.6
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAD	1	3.6
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAI	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAJ	1	3.6
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAO	1	3.6
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAR	1	3.6
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAS	1	3.6
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CB	1	3.6
(1,19)	2:B:53:ASP:C	1:A:12:3X9:H	1	3.6
(1,19)	2:B:53:ASP:C	1:A:12:3X9:HA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:12:3X9:HAA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:12:3X9:HB3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:12:3X9:N	1	3.6
(1,19)	2:B:53:ASP:C	1:A:12:3X9:NAQ	1	3.6
(1,19)	2:B:53:ASP:C	1:A:12:3X9:O	1	3.6
(1,19)	2:B:53:ASP:C	1:A:12:3X9:OAH	1	3.6
(1,19)	2:B:53:ASP:C	1:A:12:3X9:SAL	1	3.6
(1,19)	2:B:53:ASP:C	1:A:12:3X9:SG	1	3.6
(1,19)	2:B:53:ASP:C	1:A:14:THR:C	1	3.6
(1,19)	2:B:53:ASP:C	1:A:14:THR:CA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:14:THR:CB	1	3.6
(1,19)	2:B:53:ASP:C	1:A:14:THR:CG2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:14:THR:H	1	3.6
(1,19)	2:B:53:ASP:C	1:A:14:THR:HA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:14:THR:HB	1	3.6
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG1	1	3.6
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG21	1	3.6
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG22	1	3.6
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG23	1	3.6
(1,19)	2:B:53:ASP:C	1:A:14:THR:N	1	3.6
(1,19)	2:B:53:ASP:C	1:A:14:THR:O	1	3.6
(1,19)	2:B:53:ASP:C	1:A:14:THR:OG1	1	3.6
(1,19)	2:B:53:ASP:C	1:A:39:ASP:C	1	3.6
(1,19)	2:B:53:ASP:C	1:A:39:ASP:CA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:39:ASP:CB	1	3.6
(1,19)	2:B:53:ASP:C	1:A:39:ASP:CG	1	3.6
(1,19)	2:B:53:ASP:C	1:A:39:ASP:H	1	3.6
(1,19)	2:B:53:ASP:C	1:A:39:ASP:HA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:39:ASP:HB2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:39:ASP:HB3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:39:ASP:N	1	3.6
(1,19)	2:B:53:ASP:C	1:A:39:ASP:O	1	3.6
(1,19)	2:B:53:ASP:C	1:A:39:ASP:OD1	1	3.6
(1,19)	2:B:53:ASP:C	1:A:39:ASP:OD2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:44:ILE:C	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CB	1	3.6
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CD1	1	3.6
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CG1	1	3.6
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CG2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:44:ILE:H	1	3.6
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HB	1	3.6
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HD11	1	3.6
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HD12	1	3.6
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HD13	1	3.6
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG12	1	3.6
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG13	1	3.6
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG21	1	3.6
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG22	1	3.6
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG23	1	3.6
(1,19)	2:B:53:ASP:C	1:A:44:ILE:N	1	3.6
(1,19)	2:B:53:ASP:C	1:A:44:ILE:O	1	3.6
(1,19)	2:B:53:ASP:C	1:A:46:ALA:C	1	3.6
(1,19)	2:B:53:ASP:C	1:A:46:ALA:CA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:46:ALA:CB	1	3.6
(1,19)	2:B:53:ASP:C	1:A:46:ALA:H	1	3.6
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HB1	1	3.6
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HB2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HB3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:46:ALA:N	1	3.6
(1,19)	2:B:53:ASP:C	1:A:46:ALA:O	1	3.6
(1,19)	2:B:53:ASP:C	1:A:47:GLY:C	1	3.6
(1,19)	2:B:53:ASP:C	1:A:47:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:47:GLY:H	1	3.6
(1,19)	2:B:53:ASP:C	1:A:47:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:47:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:47:GLY:N	1	3.6
(1,19)	2:B:53:ASP:C	1:A:47:GLY:O	1	3.6
(1,19)	2:B:53:ASP:C	1:A:48:LYS:C	1	3.6
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CB	1	3.6
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CD	1	3.6
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CE	1	3.6
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CG	1	3.6
(1,19)	2:B:53:ASP:C	1:A:48:LYS:H	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HB2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HB3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HD2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HD3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HE2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HE3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HG2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HG3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HZ1	1	3.6
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HZ2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HZ3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:48:LYS:N	1	3.6
(1,19)	2:B:53:ASP:C	1:A:48:LYS:NZ	1	3.6
(1,19)	2:B:53:ASP:C	1:A:48:LYS:O	1	3.6
(1,19)	2:B:53:ASP:C	1:A:49:GLN:C	1	3.6
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CB	1	3.6
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CD	1	3.6
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CG	1	3.6
(1,19)	2:B:53:ASP:C	1:A:49:GLN:H	1	3.6
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HB2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HB3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HE21	1	3.6
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HE22	1	3.6
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HG2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HG3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:49:GLN:N	1	3.6
(1,19)	2:B:53:ASP:C	1:A:49:GLN:NE2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:49:GLN:O	1	3.6
(1,19)	2:B:53:ASP:C	1:A:49:GLN:OE1	1	3.6
(1,19)	2:B:53:ASP:C	1:A:51:GLU:C	1	3.6
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CB	1	3.6
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CD	1	3.6
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CG	1	3.6
(1,19)	2:B:53:ASP:C	1:A:51:GLU:H	1	3.6
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HB2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HB3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HG2	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HG3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:51:GLU:N	1	3.6
(1,19)	2:B:53:ASP:C	1:A:51:GLU:O	1	3.6
(1,19)	2:B:53:ASP:C	1:A:51:GLU:OE1	1	3.6
(1,19)	2:B:53:ASP:C	1:A:51:GLU:OE2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:52:ASP:C	1	3.6
(1,19)	2:B:53:ASP:C	1:A:52:ASP:CA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:52:ASP:CB	1	3.6
(1,19)	2:B:53:ASP:C	1:A:52:ASP:CG	1	3.6
(1,19)	2:B:53:ASP:C	1:A:52:ASP:H	1	3.6
(1,19)	2:B:53:ASP:C	1:A:52:ASP:HA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:52:ASP:HB2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:52:ASP:HB3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:52:ASP:N	1	3.6
(1,19)	2:B:53:ASP:C	1:A:52:ASP:O	1	3.6
(1,19)	2:B:53:ASP:C	1:A:52:ASP:OD1	1	3.6
(1,19)	2:B:53:ASP:C	1:A:52:ASP:OD2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:64:GLU:C	1	3.6
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CB	1	3.6
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CD	1	3.6
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CG	1	3.6
(1,19)	2:B:53:ASP:C	1:A:64:GLU:H	1	3.6
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HB2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HB3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HG2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HG3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:64:GLU:N	1	3.6
(1,19)	2:B:53:ASP:C	1:A:64:GLU:O	1	3.6
(1,19)	2:B:53:ASP:C	1:A:64:GLU:OE1	1	3.6
(1,19)	2:B:53:ASP:C	1:A:64:GLU:OE2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:68:HIS:C	1	3.6
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CB	1	3.6
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CD2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CE1	1	3.6
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CG	1	3.6
(1,19)	2:B:53:ASP:C	1:A:68:HIS:H	1	3.6
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HB2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HB3	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HD1	1	3.6
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HD2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HE1	1	3.6
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HE2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:68:HIS:N	1	3.6
(1,19)	2:B:53:ASP:C	1:A:68:HIS:ND1	1	3.6
(1,19)	2:B:53:ASP:C	1:A:68:HIS:NE2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:68:HIS:O	1	3.6
(1,19)	2:B:53:ASP:C	1:A:71:LEU:C	1	3.6
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:C	1:A:71:LEU:H	1	3.6
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:C	1:A:71:LEU:N	1	3.6
(1,19)	2:B:53:ASP:C	1:A:71:LEU:O	1	3.6
(1,19)	2:B:53:ASP:C	1:A:72:ARG:C	1	3.6
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CB	1	3.6
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CD	1	3.6
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CG	1	3.6
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CZ	1	3.6
(1,19)	2:B:53:ASP:C	1:A:72:ARG:H	1	3.6
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HB2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HB3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HD2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HD3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HE	1	3.6
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HG2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HG3	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH11	1	3.6
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH12	1	3.6
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH21	1	3.6
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH22	1	3.6
(1,19)	2:B:53:ASP:C	1:A:72:ARG:N	1	3.6
(1,19)	2:B:53:ASP:C	1:A:72:ARG:NE	1	3.6
(1,19)	2:B:53:ASP:C	1:A:72:ARG:NH1	1	3.6
(1,19)	2:B:53:ASP:C	1:A:72:ARG:NH2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:72:ARG:O	1	3.6
(1,19)	2:B:53:ASP:C	1:A:73:LEU:C	1	3.6
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:C	1:A:73:LEU:H	1	3.6
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:C	1:A:73:LEU:N	1	3.6
(1,19)	2:B:53:ASP:C	1:A:73:LEU:O	1	3.6
(1,19)	2:B:53:ASP:C	1:A:74:ARG:C	1	3.6
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CB	1	3.6
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CD	1	3.6
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CG	1	3.6
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CZ	1	3.6
(1,19)	2:B:53:ASP:C	1:A:74:ARG:H	1	3.6
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HB2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HB3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HD2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HD3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HE	1	3.6
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HG2	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HG3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH11	1	3.6
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH12	1	3.6
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH21	1	3.6
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH22	1	3.6
(1,19)	2:B:53:ASP:C	1:A:74:ARG:N	1	3.6
(1,19)	2:B:53:ASP:C	1:A:74:ARG:NE	1	3.6
(1,19)	2:B:53:ASP:C	1:A:74:ARG:NH1	1	3.6
(1,19)	2:B:53:ASP:C	1:A:74:ARG:NH2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:74:ARG:O	1	3.6
(1,19)	2:B:53:ASP:C	1:A:75:GLY:C	1	3.6
(1,19)	2:B:53:ASP:C	1:A:75:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:75:GLY:H	1	3.6
(1,19)	2:B:53:ASP:C	1:A:75:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:75:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:75:GLY:N	1	3.6
(1,19)	2:B:53:ASP:C	1:A:75:GLY:O	1	3.6
(1,19)	2:B:53:ASP:C	1:A:76:GLY:C	1	3.6
(1,19)	2:B:53:ASP:C	1:A:76:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:C	1:A:76:GLY:H	1	3.6
(1,19)	2:B:53:ASP:C	1:A:76:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:C	1:A:76:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:C	1:A:76:GLY:N	1	3.6
(1,19)	2:B:53:ASP:C	1:A:76:GLY:O	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:C	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CB	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CD	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CG	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:H	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HB2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HB3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HE21	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HE22	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HG2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HG3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:N	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:NE2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:O	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:OE1	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:C	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:C	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:H	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:H	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:N	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:N	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:O	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:O	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:9:THR:C	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:9:THR:CA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:9:THR:CB	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:9:THR:CG2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:9:THR:H	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HB	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG1	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG21	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG22	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG23	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:9:THR:N	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:9:THR:O	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:9:THR:OG1	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:C	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:H	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:N	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:O	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:C	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAB	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAC	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAD	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAI	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAJ	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAO	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAR	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAS	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CB	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:H	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:HA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:HAA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:HB3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:N	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:NAQ	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:O	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:OAH	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:SAL	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:SG	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:14:THR:C	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:14:THR:CA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:14:THR:CB	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:14:THR:CG2	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:14:THR:H	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HB	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG1	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG21	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG22	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG23	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:14:THR:N	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:14:THR:O	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:14:THR:OG1	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:C	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:CA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:CB	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:CG	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:H	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:HA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:HB2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:HB3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:N	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:O	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:OD1	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:OD2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:C	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CB	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CD1	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CG1	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CG2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:H	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HB	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HD11	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HD12	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HD13	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG12	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG13	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG21	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG22	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG23	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:N	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:O	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:C	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:CA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:CB	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:H	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HB1	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HB2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HB3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:N	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:O	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:C	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:H	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:N	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:O	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:C	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CB	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CD	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CE	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CG	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:H	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HB2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HB3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HD2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HD3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HE2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HE3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HG2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HG3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HZ1	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HZ2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HZ3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:N	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:NZ	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:O	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:C	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CB	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CD	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CG	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:H	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HB2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HB3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HE21	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HE22	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HG2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HG3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:N	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:NE2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:O	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:OE1	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:C	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CB	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CD	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CG	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:H	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HB2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HB3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HG2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HG3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:N	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:O	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:OE1	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:OE2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:C	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:CA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:CB	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:CG	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:H	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:HA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:HB2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:HB3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:N	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:O	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:OD1	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:OD2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:C	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CA	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CB	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CD	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CG	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:H	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HB2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HB3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HG2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HG3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:N	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:O	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:OE1	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:OE2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:C	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CB	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CD2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CE1	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CG	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:H	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HB2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HB3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HD1	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HD2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HE1	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HE2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:N	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:ND1	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:NE2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:O	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:C	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:H	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD11	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:N	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:O	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:C	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CB	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CD	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CG	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CZ	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:H	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HB2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HB3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HD2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HD3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HE	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HG2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HG3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH11	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH12	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH21	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH22	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:N	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:NE	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:NH1	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:NH2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:O	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:C	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:H	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HB3	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:N	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:O	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:C	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CB	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CD	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CG	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CZ	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:H	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HB2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HB3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HD2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HD3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HE	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HG2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HG3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH11	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH12	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH21	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH22	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:N	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:NE	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:NH1	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:NH2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:O	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:C	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:H	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:N	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:O	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:C	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:CA	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:H	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:N	1	3.6
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:O	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:C	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CB	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CD	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CG	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:H	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HB2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HB3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HE21	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HE22	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HG2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HG3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:N	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:NE2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:O	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:OE1	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:C	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:C	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:H	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:H	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB3	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:N	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:N	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:O	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:O	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:9:THR:C	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:9:THR:CA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:9:THR:CB	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:9:THR:CG2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:9:THR:H	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HB	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG1	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG21	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG22	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG23	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:9:THR:N	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:9:THR:O	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:9:THR:OG1	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:C	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:H	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:N	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:O	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:C	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAA	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAB	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAC	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAD	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAI	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAJ	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAO	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAR	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAS	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CB	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:H	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:HA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:HAA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:HB3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:N	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:NAQ	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:O	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:OAH	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:SAL	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:SG	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:14:THR:C	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:14:THR:CA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:14:THR:CB	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:14:THR:CG2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:14:THR:H	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HB	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG1	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG21	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG22	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG23	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:14:THR:N	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:14:THR:O	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:14:THR:OG1	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:C	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:CA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:CB	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:CG	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:H	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:HA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:HB2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:HB3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:N	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:O	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:OD1	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:OD2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:C	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CB	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CD1	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CG1	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CG2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:H	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HB	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HD11	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HD12	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HD13	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG12	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG13	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG21	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG22	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG23	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:N	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:O	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:C	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:CA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:CB	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:H	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HB1	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HB2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HB3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:N	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:O	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:C	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:H	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:N	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:O	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:C	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CB	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CD	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CE	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CG	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:H	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HB2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HB3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HD2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HD3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HE2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HE3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HG2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HG3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HZ1	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HZ2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HZ3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:N	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:NZ	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:O	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:C	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CB	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CD	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CG	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:H	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HB2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HB3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HE21	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HE22	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HG2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HG3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:N	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:NE2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:O	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:OE1	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:C	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CB	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CD	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CG	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:H	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HB2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HB3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HG2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HG3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:N	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:O	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:OE1	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:OE2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:C	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:CA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:CB	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:CG	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:H	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:HA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:HB2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:HB3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:N	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:O	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:OD1	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:OD2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:C	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CB	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CD	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CG	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:H	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HB2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HB3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HG2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HG3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:N	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:O	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:OE1	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:OE2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:C	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CB	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CD2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CE1	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CG	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:H	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HB2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HB3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HD1	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HD2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HE1	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HE2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:N	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:ND1	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:NE2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:O	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:C	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:H	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:N	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:O	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:C	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CB	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CD	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CG	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CZ	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:H	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HB2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HB3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HD2	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HD3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HE	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HG2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HG3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH11	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH12	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH21	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH22	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:N	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:NE	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:NH1	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:NH2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:O	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:C	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:H	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:N	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:O	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:C	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CB	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CD	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CG	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CZ	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:H	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HB2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HB3	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HD2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HD3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HE	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HG2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HG3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH11	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH12	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH21	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH22	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:N	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:NE	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:NH1	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:NH2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:O	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:C	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:H	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:N	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:O	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:C	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:H	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:N	1	3.6
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:O	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:C	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CB	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CD	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CG	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:H	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HB2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HB3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HE21	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HE22	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HG2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HG3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:N	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:NE2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:O	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:OE1	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:C	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:C	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:H	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:H	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:N	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:N	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:O	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:O	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:9:THR:C	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:9:THR:CA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:9:THR:CB	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:9:THR:CG2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:9:THR:H	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HB	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG1	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG21	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG22	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG23	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:9:THR:N	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:9:THR:O	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:9:THR:OG1	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:C	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:H	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:N	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:O	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:C	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAB	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAC	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAD	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAI	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAJ	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAO	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAR	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAS	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CB	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:H	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:HA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:HAA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:HB3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:N	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:NAQ	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:O	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:OAH	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:SAL	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:SG	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:14:THR:C	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:14:THR:CA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:14:THR:CB	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:14:THR:CG2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:14:THR:H	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HB	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG1	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG21	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG22	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG23	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:14:THR:N	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:14:THR:O	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:14:THR:OG1	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:C	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:CA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:CB	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:CG	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:H	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:HA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:HB2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:HB3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:N	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:O	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:OD1	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:OD2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:C	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CB	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CD1	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CG1	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CG2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:H	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HB	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HD11	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HD12	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HD13	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG12	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG13	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG21	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG22	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG23	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:N	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:O	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:C	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:CA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:CB	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:H	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HB1	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HB2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HB3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:N	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:O	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:C	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:H	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:N	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:O	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:C	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CB	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CD	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CE	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CG	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:H	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HB2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HB3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HD2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HD3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HE2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HE3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HG2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HG3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HZ1	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HZ2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HZ3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:N	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:NZ	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:O	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:C	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CB	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CD	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CG	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:H	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HB2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HB3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HE21	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HE22	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HG2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HG3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:N	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:NE2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:O	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:OE1	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:C	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CB	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CD	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CG	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:H	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HB2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HB3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HG2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HG3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:N	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:O	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:OE1	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:OE2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:C	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:CA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:CB	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:CG	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:H	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:HA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:HB2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:HB3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:N	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:O	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:OD1	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:OD2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:C	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CB	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CD	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CG	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:H	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HB2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HB3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HG2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HG3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:N	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:O	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:OE1	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:OE2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:C	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CB	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CD2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CE1	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CG	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:H	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HB2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HB3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HD1	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HD2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HE1	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HE2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:N	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:ND1	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:NE2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:O	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:C	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:H	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:N	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:O	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:C	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CB	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CD	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CG	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CZ	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:H	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HB2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HB3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HD2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HD3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HE	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HG2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HG3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH11	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH12	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH21	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH22	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:N	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:NE	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:NH1	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:NH2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:O	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:C	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CG	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:H	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:N	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:O	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:C	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CB	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CD	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CG	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CZ	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:H	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HB2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HB3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HD2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HD3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HE	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HG2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HG3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH11	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH12	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH21	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH22	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:N	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:NE	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:NH1	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:NH2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:O	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:C	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:H	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:HA3	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:N	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:O	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:C	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:H	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:N	1	3.6
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:O	1	3.6
(1,19)	2:B:53:ASP:H	1:A:2:GLN:C	1	3.6
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CB	1	3.6
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CD	1	3.6
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CG	1	3.6
(1,19)	2:B:53:ASP:H	1:A:2:GLN:H	1	3.6
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HB2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HB3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HE21	1	3.6
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HE22	1	3.6
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HG2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HG3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:2:GLN:N	1	3.6
(1,19)	2:B:53:ASP:H	1:A:2:GLN:NE2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:2:GLN:O	1	3.6
(1,19)	2:B:53:ASP:H	1:A:2:GLN:OE1	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:C	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:C	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:H	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:H	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HA	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:N	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:N	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:O	1	3.6
(1,19)	2:B:53:ASP:H	1:A:8:LEU:O	1	3.6
(1,19)	2:B:53:ASP:H	1:A:9:THR:C	1	3.6
(1,19)	2:B:53:ASP:H	1:A:9:THR:CA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:9:THR:CB	1	3.6
(1,19)	2:B:53:ASP:H	1:A:9:THR:CG2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:9:THR:H	1	3.6
(1,19)	2:B:53:ASP:H	1:A:9:THR:HA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:9:THR:HB	1	3.6
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG1	1	3.6
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG21	1	3.6
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG22	1	3.6
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG23	1	3.6
(1,19)	2:B:53:ASP:H	1:A:9:THR:N	1	3.6
(1,19)	2:B:53:ASP:H	1:A:9:THR:O	1	3.6
(1,19)	2:B:53:ASP:H	1:A:9:THR:OG1	1	3.6
(1,19)	2:B:53:ASP:H	1:A:10:GLY:C	1	3.6
(1,19)	2:B:53:ASP:H	1:A:10:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:10:GLY:H	1	3.6
(1,19)	2:B:53:ASP:H	1:A:10:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:10:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:10:GLY:N	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:10:GLY:O	1	3.6
(1,19)	2:B:53:ASP:H	1:A:12:3X9:C	1	3.6
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAB	1	3.6
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAC	1	3.6
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAD	1	3.6
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAI	1	3.6
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAJ	1	3.6
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAO	1	3.6
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAR	1	3.6
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAS	1	3.6
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CB	1	3.6
(1,19)	2:B:53:ASP:H	1:A:12:3X9:H	1	3.6
(1,19)	2:B:53:ASP:H	1:A:12:3X9:HA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:12:3X9:HAA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:12:3X9:HB3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:12:3X9:N	1	3.6
(1,19)	2:B:53:ASP:H	1:A:12:3X9:NAQ	1	3.6
(1,19)	2:B:53:ASP:H	1:A:12:3X9:O	1	3.6
(1,19)	2:B:53:ASP:H	1:A:12:3X9:OAH	1	3.6
(1,19)	2:B:53:ASP:H	1:A:12:3X9:SAL	1	3.6
(1,19)	2:B:53:ASP:H	1:A:12:3X9:SG	1	3.6
(1,19)	2:B:53:ASP:H	1:A:14:THR:C	1	3.6
(1,19)	2:B:53:ASP:H	1:A:14:THR:CA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:14:THR:CB	1	3.6
(1,19)	2:B:53:ASP:H	1:A:14:THR:CG2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:14:THR:H	1	3.6
(1,19)	2:B:53:ASP:H	1:A:14:THR:HA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:14:THR:HB	1	3.6
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG1	1	3.6
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG21	1	3.6
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG22	1	3.6
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG23	1	3.6
(1,19)	2:B:53:ASP:H	1:A:14:THR:N	1	3.6
(1,19)	2:B:53:ASP:H	1:A:14:THR:O	1	3.6
(1,19)	2:B:53:ASP:H	1:A:14:THR:OG1	1	3.6
(1,19)	2:B:53:ASP:H	1:A:39:ASP:C	1	3.6
(1,19)	2:B:53:ASP:H	1:A:39:ASP:CA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:39:ASP:CB	1	3.6
(1,19)	2:B:53:ASP:H	1:A:39:ASP:CG	1	3.6
(1,19)	2:B:53:ASP:H	1:A:39:ASP:H	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:39:ASP:HA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:39:ASP:HB2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:39:ASP:HB3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:39:ASP:N	1	3.6
(1,19)	2:B:53:ASP:H	1:A:39:ASP:O	1	3.6
(1,19)	2:B:53:ASP:H	1:A:39:ASP:OD1	1	3.6
(1,19)	2:B:53:ASP:H	1:A:39:ASP:OD2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:44:ILE:C	1	3.6
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CB	1	3.6
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CD1	1	3.6
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CG1	1	3.6
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CG2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:44:ILE:H	1	3.6
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HB	1	3.6
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HD11	1	3.6
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HD12	1	3.6
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HD13	1	3.6
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG12	1	3.6
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG13	1	3.6
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG21	1	3.6
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG22	1	3.6
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG23	1	3.6
(1,19)	2:B:53:ASP:H	1:A:44:ILE:N	1	3.6
(1,19)	2:B:53:ASP:H	1:A:44:ILE:O	1	3.6
(1,19)	2:B:53:ASP:H	1:A:46:ALA:C	1	3.6
(1,19)	2:B:53:ASP:H	1:A:46:ALA:CA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:46:ALA:CB	1	3.6
(1,19)	2:B:53:ASP:H	1:A:46:ALA:H	1	3.6
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HB1	1	3.6
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HB2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HB3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:46:ALA:N	1	3.6
(1,19)	2:B:53:ASP:H	1:A:46:ALA:O	1	3.6
(1,19)	2:B:53:ASP:H	1:A:47:GLY:C	1	3.6
(1,19)	2:B:53:ASP:H	1:A:47:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:47:GLY:H	1	3.6
(1,19)	2:B:53:ASP:H	1:A:47:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:47:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:47:GLY:N	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:47:GLY:O	1	3.6
(1,19)	2:B:53:ASP:H	1:A:48:LYS:C	1	3.6
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CB	1	3.6
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CD	1	3.6
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CE	1	3.6
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CG	1	3.6
(1,19)	2:B:53:ASP:H	1:A:48:LYS:H	1	3.6
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HB2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HB3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HD2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HD3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HE2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HE3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HG2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HG3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HZ1	1	3.6
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HZ2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HZ3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:48:LYS:N	1	3.6
(1,19)	2:B:53:ASP:H	1:A:48:LYS:NZ	1	3.6
(1,19)	2:B:53:ASP:H	1:A:48:LYS:O	1	3.6
(1,19)	2:B:53:ASP:H	1:A:49:GLN:C	1	3.6
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CB	1	3.6
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CD	1	3.6
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CG	1	3.6
(1,19)	2:B:53:ASP:H	1:A:49:GLN:H	1	3.6
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HB2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HB3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HE21	1	3.6
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HE22	1	3.6
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HG2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HG3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:49:GLN:N	1	3.6
(1,19)	2:B:53:ASP:H	1:A:49:GLN:NE2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:49:GLN:O	1	3.6
(1,19)	2:B:53:ASP:H	1:A:49:GLN:OE1	1	3.6
(1,19)	2:B:53:ASP:H	1:A:51:GLU:C	1	3.6
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CA	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CB	1	3.6
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CD	1	3.6
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CG	1	3.6
(1,19)	2:B:53:ASP:H	1:A:51:GLU:H	1	3.6
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HB2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HB3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HG2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HG3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:51:GLU:N	1	3.6
(1,19)	2:B:53:ASP:H	1:A:51:GLU:O	1	3.6
(1,19)	2:B:53:ASP:H	1:A:51:GLU:OE1	1	3.6
(1,19)	2:B:53:ASP:H	1:A:51:GLU:OE2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:52:ASP:C	1	3.6
(1,19)	2:B:53:ASP:H	1:A:52:ASP:CA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:52:ASP:CB	1	3.6
(1,19)	2:B:53:ASP:H	1:A:52:ASP:CG	1	3.6
(1,19)	2:B:53:ASP:H	1:A:52:ASP:H	1	3.6
(1,19)	2:B:53:ASP:H	1:A:52:ASP:HA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:52:ASP:HB2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:52:ASP:HB3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:52:ASP:N	1	3.6
(1,19)	2:B:53:ASP:H	1:A:52:ASP:O	1	3.6
(1,19)	2:B:53:ASP:H	1:A:52:ASP:OD1	1	3.6
(1,19)	2:B:53:ASP:H	1:A:52:ASP:OD2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:64:GLU:C	1	3.6
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CB	1	3.6
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CD	1	3.6
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CG	1	3.6
(1,19)	2:B:53:ASP:H	1:A:64:GLU:H	1	3.6
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HB2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HB3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HG2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HG3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:64:GLU:N	1	3.6
(1,19)	2:B:53:ASP:H	1:A:64:GLU:O	1	3.6
(1,19)	2:B:53:ASP:H	1:A:64:GLU:OE1	1	3.6
(1,19)	2:B:53:ASP:H	1:A:64:GLU:OE2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:68:HIS:C	1	3.6
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CA	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CB	1	3.6
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CD2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CE1	1	3.6
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CG	1	3.6
(1,19)	2:B:53:ASP:H	1:A:68:HIS:H	1	3.6
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HB2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HB3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HD1	1	3.6
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HD2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HE1	1	3.6
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HE2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:68:HIS:N	1	3.6
(1,19)	2:B:53:ASP:H	1:A:68:HIS:ND1	1	3.6
(1,19)	2:B:53:ASP:H	1:A:68:HIS:NE2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:68:HIS:O	1	3.6
(1,19)	2:B:53:ASP:H	1:A:71:LEU:C	1	3.6
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:H	1:A:71:LEU:H	1	3.6
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:H	1:A:71:LEU:N	1	3.6
(1,19)	2:B:53:ASP:H	1:A:71:LEU:O	1	3.6
(1,19)	2:B:53:ASP:H	1:A:72:ARG:C	1	3.6
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CB	1	3.6
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CD	1	3.6
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CG	1	3.6
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CZ	1	3.6
(1,19)	2:B:53:ASP:H	1:A:72:ARG:H	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HB2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HB3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HD2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HD3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HE	1	3.6
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HG2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HG3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH11	1	3.6
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH12	1	3.6
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH21	1	3.6
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH22	1	3.6
(1,19)	2:B:53:ASP:H	1:A:72:ARG:N	1	3.6
(1,19)	2:B:53:ASP:H	1:A:72:ARG:NE	1	3.6
(1,19)	2:B:53:ASP:H	1:A:72:ARG:NH1	1	3.6
(1,19)	2:B:53:ASP:H	1:A:72:ARG:NH2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:72:ARG:O	1	3.6
(1,19)	2:B:53:ASP:H	1:A:73:LEU:C	1	3.6
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:H	1:A:73:LEU:H	1	3.6
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:H	1:A:73:LEU:N	1	3.6
(1,19)	2:B:53:ASP:H	1:A:73:LEU:O	1	3.6
(1,19)	2:B:53:ASP:H	1:A:74:ARG:C	1	3.6
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CB	1	3.6
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CD	1	3.6
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CG	1	3.6
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CZ	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:74:ARG:H	1	3.6
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HB2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HB3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HD2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HD3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HE	1	3.6
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HG2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HG3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH11	1	3.6
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH12	1	3.6
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH21	1	3.6
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH22	1	3.6
(1,19)	2:B:53:ASP:H	1:A:74:ARG:N	1	3.6
(1,19)	2:B:53:ASP:H	1:A:74:ARG:NE	1	3.6
(1,19)	2:B:53:ASP:H	1:A:74:ARG:NH1	1	3.6
(1,19)	2:B:53:ASP:H	1:A:74:ARG:NH2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:74:ARG:O	1	3.6
(1,19)	2:B:53:ASP:H	1:A:75:GLY:C	1	3.6
(1,19)	2:B:53:ASP:H	1:A:75:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:75:GLY:H	1	3.6
(1,19)	2:B:53:ASP:H	1:A:75:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:75:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:75:GLY:N	1	3.6
(1,19)	2:B:53:ASP:H	1:A:75:GLY:O	1	3.6
(1,19)	2:B:53:ASP:H	1:A:76:GLY:C	1	3.6
(1,19)	2:B:53:ASP:H	1:A:76:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:H	1:A:76:GLY:H	1	3.6
(1,19)	2:B:53:ASP:H	1:A:76:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:H	1:A:76:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:H	1:A:76:GLY:N	1	3.6
(1,19)	2:B:53:ASP:H	1:A:76:GLY:O	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:C	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CB	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CD	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CG	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:H	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HB2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HB3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HE21	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HE22	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HG2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HG3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:N	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:NE2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:O	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:OE1	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:C	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:C	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:H	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:H	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:N	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:N	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:O	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:O	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:9:THR:C	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:9:THR:CA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:9:THR:CB	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:9:THR:CG2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:9:THR:H	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HB	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG1	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG21	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG22	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG23	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:9:THR:N	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:9:THR:O	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:9:THR:OG1	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:C	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:H	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:N	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:O	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:C	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAB	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAC	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAD	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAI	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAJ	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAO	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAR	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAS	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CB	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:H	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:HA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:HAA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:HB3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:N	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:NAQ	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:O	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:OAH	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:SAL	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:SG	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:14:THR:C	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:14:THR:CA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:14:THR:CB	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:14:THR:CG2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:14:THR:H	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HB	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG1	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG21	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG22	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG23	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:14:THR:N	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:14:THR:O	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:14:THR:OG1	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:C	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:CA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:CB	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:CG	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:H	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:HA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:HB2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:HB3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:N	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:O	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:OD1	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:OD2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:C	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CB	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CD1	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CG1	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CG2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:H	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HB	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HD11	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HD12	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HD13	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG12	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG13	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG21	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG22	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG23	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:N	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:O	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:C	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:CA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:CB	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:H	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HB1	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HB2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HB3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:N	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:O	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:C	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:H	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:N	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:O	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:C	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CB	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CD	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CE	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CG	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:H	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HB2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HB3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HD2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HD3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HE2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HE3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HG2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HG3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HZ1	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HZ2	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HZ3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:N	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:NZ	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:O	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:C	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CB	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CD	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CG	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:H	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HB2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HB3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HE21	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HE22	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HG2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HG3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:N	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:NE2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:O	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:OE1	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:C	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CB	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CD	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CG	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:H	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HB2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HB3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HG2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HG3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:N	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:O	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:OE1	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:OE2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:C	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:CA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:CB	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:CG	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:H	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:HA	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:HB2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:HB3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:N	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:O	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:OD1	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:OD2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:C	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CB	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CD	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CG	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:H	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HB2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HB3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HG2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HG3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:N	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:O	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:OE1	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:OE2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:C	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CB	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CD2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CE1	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CG	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:H	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HB2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HB3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HD1	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HD2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HE1	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HE2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:N	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:ND1	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:NE2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:O	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:C	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CB	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:H	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:N	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:O	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:C	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CB	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CD	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CG	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CZ	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:H	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HB2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HB3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HD2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HD3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HE	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HG2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HG3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH11	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH12	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH21	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH22	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:N	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:NE	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:NH1	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:NH2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:O	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:C	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CA	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:H	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:N	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:O	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:C	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CB	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CD	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CG	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CZ	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:H	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HB2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HB3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HD2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HD3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HE	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HG2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HG3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH11	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH12	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH21	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH22	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:N	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:NE	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:NH1	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:NH2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:O	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:C	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:H	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:N	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:O	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:C	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:H	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:N	1	3.6
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:O	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:C	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CB	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CD	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CG	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:H	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HB2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HB3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HE21	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HE22	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HG2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HG3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:N	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:NE2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:O	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:OE1	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:C	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:C	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CG	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:H	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:H	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:N	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:N	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:O	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:O	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:C	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:CA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:CB	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:CG2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:H	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HB	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG1	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG21	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG22	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG23	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:N	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:O	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:OG1	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:C	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:CA	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:H	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:N	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:O	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:C	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAB	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAC	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAD	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAI	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAJ	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAO	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAR	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAS	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CB	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:H	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:HA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:HAA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:HB3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:N	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:NAQ	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:O	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:OAH	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:SAL	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:SG	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:C	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:CA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:CB	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:CG2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:H	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HB	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG1	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG21	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG22	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG23	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:N	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:O	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:OG1	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:C	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:CA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:CB	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:CG	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:H	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:HA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:HB2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:HB3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:N	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:O	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:OD1	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:OD2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:C	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CB	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CD1	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CG1	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CG2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:H	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HB	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HD11	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HD12	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HD13	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG12	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG13	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG21	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG22	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG23	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:N	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:O	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:C	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:CA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:CB	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:H	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HB1	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HB2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HB3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:N	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:O	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:C	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:CA	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:H	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:N	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:O	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:C	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CB	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CD	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CE	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CG	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:H	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HB2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HB3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HD2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HD3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HE2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HE3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HG2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HG3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HZ1	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HZ2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HZ3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:N	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:NZ	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:O	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:C	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CB	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CD	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CG	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:H	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HB2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HB3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HE21	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HE22	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HG2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HG3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:N	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:NE2	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:O	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:OE1	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:C	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CB	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CD	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CG	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:H	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HB2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HB3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HG2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HG3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:N	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:O	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:OE1	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:OE2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:C	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:CA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:CB	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:CG	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:H	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:HA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:HB2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:HB3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:N	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:O	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:OD1	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:OD2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:C	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CB	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CD	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CG	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:H	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HB2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HB3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HG2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HG3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:N	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:O	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:OE1	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:OE2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:C	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CB	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CD2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CE1	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CG	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:H	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HB2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HB3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HD1	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HD2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HE1	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HE2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:N	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:ND1	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:NE2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:O	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:C	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:H	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:N	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:O	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:C	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CB	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CD	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CG	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CZ	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:H	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HB2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HB3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HD2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HD3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HE	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HG2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HG3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH11	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH12	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH21	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH22	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:N	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:NE	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:NH1	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:NH2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:O	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:C	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:H	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:N	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:O	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:C	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CA	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CB	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CD	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CG	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CZ	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:H	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HB2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HB3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HD2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HD3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HE	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HG2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HG3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH11	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH12	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH21	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH22	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:N	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:NE	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:NH1	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:NH2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:O	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:C	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:H	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:N	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:O	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:C	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:H	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:N	1	3.6
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:O	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:C	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CB	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CD	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CG	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:H	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HB2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HB3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HE21	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HE22	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HG2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HG3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:N	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:NE2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:O	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:OE1	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:C	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:C	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:H	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:H	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD23	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:N	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:N	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:O	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:O	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:C	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:CA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:CB	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:CG2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:H	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HB	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG1	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG21	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG22	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG23	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:N	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:O	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:OG1	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:C	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:H	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:N	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:O	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:C	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAB	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAC	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAD	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAI	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAJ	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAO	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAR	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAS	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CB	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:H	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:HA	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:HAA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:HB3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:N	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:NAQ	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:O	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:OAH	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:SAL	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:SG	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:C	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:CA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:CB	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:CG2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:H	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HB	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG1	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG21	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG22	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG23	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:N	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:O	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:OG1	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:C	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:CA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:CB	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:CG	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:H	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:HA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:HB2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:HB3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:N	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:O	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:OD1	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:OD2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:C	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CB	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CD1	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CG1	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CG2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:H	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HA	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HB	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HD11	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HD12	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HD13	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG12	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG13	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG21	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG22	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG23	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:N	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:O	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:C	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:CA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:CB	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:H	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HB1	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HB2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HB3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:N	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:O	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:C	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:H	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:N	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:O	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:C	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CB	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CD	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CE	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CG	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:H	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HB2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HB3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HD2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HD3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HE2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HE3	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HG2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HG3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HZ1	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HZ2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HZ3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:N	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:NZ	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:O	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:C	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CB	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CD	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CG	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:H	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HB2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HB3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HE21	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HE22	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HG2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HG3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:N	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:NE2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:O	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:OE1	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:C	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CB	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CD	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CG	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:H	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HB2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HB3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HG2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HG3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:N	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:O	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:OE1	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:OE2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:C	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:CA	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:CB	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:CG	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:H	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:HA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:HB2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:HB3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:N	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:O	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:OD1	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:OD2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:C	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CB	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CD	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CG	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:H	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HB2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HB3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HG2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HG3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:N	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:O	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:OE1	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:OE2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:C	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CB	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CD2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CE1	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CG	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:H	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HB2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HB3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HD1	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HD2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HE1	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HE2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:N	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:ND1	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:NE2	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:O	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:C	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:H	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:N	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:O	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:C	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CB	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CD	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CG	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CZ	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:H	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HB2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HB3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HD2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HD3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HE	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HG2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HG3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH11	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH12	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH21	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH22	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:N	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:NE	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:NH1	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:NH2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:O	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:C	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:H	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:N	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:O	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:C	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CB	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CD	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CG	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CZ	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:H	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HB2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HB3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HD2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HD3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HE	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HG2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HG3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH11	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH12	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH21	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH22	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:N	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:NE	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:NH1	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:NH2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:O	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:C	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:H	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:N	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:O	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:C	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:H	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:N	1	3.6
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:O	1	3.6
(1,19)	2:B:53:ASP:N	1:A:2:GLN:C	1	3.6
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CB	1	3.6
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CD	1	3.6
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CG	1	3.6
(1,19)	2:B:53:ASP:N	1:A:2:GLN:H	1	3.6
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HB2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HB3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HE21	1	3.6
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HE22	1	3.6
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HG2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HG3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:2:GLN:N	1	3.6
(1,19)	2:B:53:ASP:N	1:A:2:GLN:NE2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:2:GLN:O	1	3.6
(1,19)	2:B:53:ASP:N	1:A:2:GLN:OE1	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:C	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:C	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD1	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:H	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:H	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:N	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:N	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:O	1	3.6
(1,19)	2:B:53:ASP:N	1:A:8:LEU:O	1	3.6
(1,19)	2:B:53:ASP:N	1:A:9:THR:C	1	3.6
(1,19)	2:B:53:ASP:N	1:A:9:THR:CA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:9:THR:CB	1	3.6
(1,19)	2:B:53:ASP:N	1:A:9:THR:CG2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:9:THR:H	1	3.6
(1,19)	2:B:53:ASP:N	1:A:9:THR:HA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:9:THR:HB	1	3.6
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG1	1	3.6
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG21	1	3.6
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG22	1	3.6
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG23	1	3.6
(1,19)	2:B:53:ASP:N	1:A:9:THR:N	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:9:THR:O	1	3.6
(1,19)	2:B:53:ASP:N	1:A:9:THR:OG1	1	3.6
(1,19)	2:B:53:ASP:N	1:A:10:GLY:C	1	3.6
(1,19)	2:B:53:ASP:N	1:A:10:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:10:GLY:H	1	3.6
(1,19)	2:B:53:ASP:N	1:A:10:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:10:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:10:GLY:N	1	3.6
(1,19)	2:B:53:ASP:N	1:A:10:GLY:O	1	3.6
(1,19)	2:B:53:ASP:N	1:A:12:3X9:C	1	3.6
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAB	1	3.6
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAC	1	3.6
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAD	1	3.6
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAI	1	3.6
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAJ	1	3.6
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAO	1	3.6
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAR	1	3.6
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAS	1	3.6
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CB	1	3.6
(1,19)	2:B:53:ASP:N	1:A:12:3X9:H	1	3.6
(1,19)	2:B:53:ASP:N	1:A:12:3X9:HA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:12:3X9:HAA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:12:3X9:HB3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:12:3X9:N	1	3.6
(1,19)	2:B:53:ASP:N	1:A:12:3X9:NAQ	1	3.6
(1,19)	2:B:53:ASP:N	1:A:12:3X9:O	1	3.6
(1,19)	2:B:53:ASP:N	1:A:12:3X9:OAH	1	3.6
(1,19)	2:B:53:ASP:N	1:A:12:3X9:SAL	1	3.6
(1,19)	2:B:53:ASP:N	1:A:12:3X9:SG	1	3.6
(1,19)	2:B:53:ASP:N	1:A:14:THR:C	1	3.6
(1,19)	2:B:53:ASP:N	1:A:14:THR:CA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:14:THR:CB	1	3.6
(1,19)	2:B:53:ASP:N	1:A:14:THR:CG2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:14:THR:H	1	3.6
(1,19)	2:B:53:ASP:N	1:A:14:THR:HA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:14:THR:HB	1	3.6
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG1	1	3.6
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG21	1	3.6
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG22	1	3.6
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG23	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:14:THR:N	1	3.6
(1,19)	2:B:53:ASP:N	1:A:14:THR:O	1	3.6
(1,19)	2:B:53:ASP:N	1:A:14:THR:OG1	1	3.6
(1,19)	2:B:53:ASP:N	1:A:39:ASP:C	1	3.6
(1,19)	2:B:53:ASP:N	1:A:39:ASP:CA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:39:ASP:CB	1	3.6
(1,19)	2:B:53:ASP:N	1:A:39:ASP:CG	1	3.6
(1,19)	2:B:53:ASP:N	1:A:39:ASP:H	1	3.6
(1,19)	2:B:53:ASP:N	1:A:39:ASP:HA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:39:ASP:HB2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:39:ASP:HB3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:39:ASP:N	1	3.6
(1,19)	2:B:53:ASP:N	1:A:39:ASP:O	1	3.6
(1,19)	2:B:53:ASP:N	1:A:39:ASP:OD1	1	3.6
(1,19)	2:B:53:ASP:N	1:A:39:ASP:OD2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:44:ILE:C	1	3.6
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CB	1	3.6
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CD1	1	3.6
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CG1	1	3.6
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CG2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:44:ILE:H	1	3.6
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HB	1	3.6
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HD11	1	3.6
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HD12	1	3.6
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HD13	1	3.6
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG12	1	3.6
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG13	1	3.6
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG21	1	3.6
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG22	1	3.6
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG23	1	3.6
(1,19)	2:B:53:ASP:N	1:A:44:ILE:N	1	3.6
(1,19)	2:B:53:ASP:N	1:A:44:ILE:O	1	3.6
(1,19)	2:B:53:ASP:N	1:A:46:ALA:C	1	3.6
(1,19)	2:B:53:ASP:N	1:A:46:ALA:CA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:46:ALA:CB	1	3.6
(1,19)	2:B:53:ASP:N	1:A:46:ALA:H	1	3.6
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HB1	1	3.6
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HB2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HB3	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:46:ALA:N	1	3.6
(1,19)	2:B:53:ASP:N	1:A:46:ALA:O	1	3.6
(1,19)	2:B:53:ASP:N	1:A:47:GLY:C	1	3.6
(1,19)	2:B:53:ASP:N	1:A:47:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:47:GLY:H	1	3.6
(1,19)	2:B:53:ASP:N	1:A:47:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:47:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:47:GLY:N	1	3.6
(1,19)	2:B:53:ASP:N	1:A:47:GLY:O	1	3.6
(1,19)	2:B:53:ASP:N	1:A:48:LYS:C	1	3.6
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CB	1	3.6
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CD	1	3.6
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CE	1	3.6
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CG	1	3.6
(1,19)	2:B:53:ASP:N	1:A:48:LYS:H	1	3.6
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HB2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HB3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HD2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HD3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HE2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HE3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HG2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HG3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HZ1	1	3.6
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HZ2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HZ3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:48:LYS:N	1	3.6
(1,19)	2:B:53:ASP:N	1:A:48:LYS:NZ	1	3.6
(1,19)	2:B:53:ASP:N	1:A:48:LYS:O	1	3.6
(1,19)	2:B:53:ASP:N	1:A:49:GLN:C	1	3.6
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CB	1	3.6
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CD	1	3.6
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CG	1	3.6
(1,19)	2:B:53:ASP:N	1:A:49:GLN:H	1	3.6
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HB2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HB3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HE21	1	3.6
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HE22	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HG2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HG3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:49:GLN:N	1	3.6
(1,19)	2:B:53:ASP:N	1:A:49:GLN:NE2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:49:GLN:O	1	3.6
(1,19)	2:B:53:ASP:N	1:A:49:GLN:OE1	1	3.6
(1,19)	2:B:53:ASP:N	1:A:51:GLU:C	1	3.6
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CB	1	3.6
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CD	1	3.6
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CG	1	3.6
(1,19)	2:B:53:ASP:N	1:A:51:GLU:H	1	3.6
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HB2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HB3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HG2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HG3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:51:GLU:N	1	3.6
(1,19)	2:B:53:ASP:N	1:A:51:GLU:O	1	3.6
(1,19)	2:B:53:ASP:N	1:A:51:GLU:OE1	1	3.6
(1,19)	2:B:53:ASP:N	1:A:51:GLU:OE2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:52:ASP:C	1	3.6
(1,19)	2:B:53:ASP:N	1:A:52:ASP:CA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:52:ASP:CB	1	3.6
(1,19)	2:B:53:ASP:N	1:A:52:ASP:CG	1	3.6
(1,19)	2:B:53:ASP:N	1:A:52:ASP:H	1	3.6
(1,19)	2:B:53:ASP:N	1:A:52:ASP:HA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:52:ASP:HB2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:52:ASP:HB3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:52:ASP:N	1	3.6
(1,19)	2:B:53:ASP:N	1:A:52:ASP:O	1	3.6
(1,19)	2:B:53:ASP:N	1:A:52:ASP:OD1	1	3.6
(1,19)	2:B:53:ASP:N	1:A:52:ASP:OD2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:64:GLU:C	1	3.6
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CB	1	3.6
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CD	1	3.6
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CG	1	3.6
(1,19)	2:B:53:ASP:N	1:A:64:GLU:H	1	3.6
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HB2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HB3	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HG2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HG3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:64:GLU:N	1	3.6
(1,19)	2:B:53:ASP:N	1:A:64:GLU:O	1	3.6
(1,19)	2:B:53:ASP:N	1:A:64:GLU:OE1	1	3.6
(1,19)	2:B:53:ASP:N	1:A:64:GLU:OE2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:68:HIS:C	1	3.6
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CB	1	3.6
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CD2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CE1	1	3.6
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CG	1	3.6
(1,19)	2:B:53:ASP:N	1:A:68:HIS:H	1	3.6
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HB2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HB3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HD1	1	3.6
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HD2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HE1	1	3.6
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HE2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:68:HIS:N	1	3.6
(1,19)	2:B:53:ASP:N	1:A:68:HIS:ND1	1	3.6
(1,19)	2:B:53:ASP:N	1:A:68:HIS:NE2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:68:HIS:O	1	3.6
(1,19)	2:B:53:ASP:N	1:A:71:LEU:C	1	3.6
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:N	1:A:71:LEU:H	1	3.6
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:N	1:A:71:LEU:N	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:71:LEU:O	1	3.6
(1,19)	2:B:53:ASP:N	1:A:72:ARG:C	1	3.6
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CB	1	3.6
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CD	1	3.6
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CG	1	3.6
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CZ	1	3.6
(1,19)	2:B:53:ASP:N	1:A:72:ARG:H	1	3.6
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HB2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HB3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HD2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HD3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HE	1	3.6
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HG2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HG3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH11	1	3.6
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH12	1	3.6
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH21	1	3.6
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH22	1	3.6
(1,19)	2:B:53:ASP:N	1:A:72:ARG:N	1	3.6
(1,19)	2:B:53:ASP:N	1:A:72:ARG:NE	1	3.6
(1,19)	2:B:53:ASP:N	1:A:72:ARG:NH1	1	3.6
(1,19)	2:B:53:ASP:N	1:A:72:ARG:NH2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:72:ARG:O	1	3.6
(1,19)	2:B:53:ASP:N	1:A:73:LEU:C	1	3.6
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:N	1:A:73:LEU:H	1	3.6
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HG	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:73:LEU:N	1	3.6
(1,19)	2:B:53:ASP:N	1:A:73:LEU:O	1	3.6
(1,19)	2:B:53:ASP:N	1:A:74:ARG:C	1	3.6
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CB	1	3.6
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CD	1	3.6
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CG	1	3.6
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CZ	1	3.6
(1,19)	2:B:53:ASP:N	1:A:74:ARG:H	1	3.6
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HB2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HB3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HD2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HD3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HE	1	3.6
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HG2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HG3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH11	1	3.6
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH12	1	3.6
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH21	1	3.6
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH22	1	3.6
(1,19)	2:B:53:ASP:N	1:A:74:ARG:N	1	3.6
(1,19)	2:B:53:ASP:N	1:A:74:ARG:NE	1	3.6
(1,19)	2:B:53:ASP:N	1:A:74:ARG:NH1	1	3.6
(1,19)	2:B:53:ASP:N	1:A:74:ARG:NH2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:74:ARG:O	1	3.6
(1,19)	2:B:53:ASP:N	1:A:75:GLY:C	1	3.6
(1,19)	2:B:53:ASP:N	1:A:75:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:75:GLY:H	1	3.6
(1,19)	2:B:53:ASP:N	1:A:75:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:75:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:75:GLY:N	1	3.6
(1,19)	2:B:53:ASP:N	1:A:75:GLY:O	1	3.6
(1,19)	2:B:53:ASP:N	1:A:76:GLY:C	1	3.6
(1,19)	2:B:53:ASP:N	1:A:76:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:N	1:A:76:GLY:H	1	3.6
(1,19)	2:B:53:ASP:N	1:A:76:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:N	1:A:76:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:N	1:A:76:GLY:N	1	3.6
(1,19)	2:B:53:ASP:N	1:A:76:GLY:O	1	3.6
(1,19)	2:B:53:ASP:O	1:A:2:GLN:C	1	3.6
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CA	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CB	1	3.6
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CD	1	3.6
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CG	1	3.6
(1,19)	2:B:53:ASP:O	1:A:2:GLN:H	1	3.6
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HB2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HB3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HE21	1	3.6
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HE22	1	3.6
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HG2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HG3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:2:GLN:N	1	3.6
(1,19)	2:B:53:ASP:O	1:A:2:GLN:NE2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:2:GLN:O	1	3.6
(1,19)	2:B:53:ASP:O	1:A:2:GLN:OE1	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:C	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:C	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:H	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:H	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD21	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:N	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:N	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:O	1	3.6
(1,19)	2:B:53:ASP:O	1:A:8:LEU:O	1	3.6
(1,19)	2:B:53:ASP:O	1:A:9:THR:C	1	3.6
(1,19)	2:B:53:ASP:O	1:A:9:THR:CA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:9:THR:CB	1	3.6
(1,19)	2:B:53:ASP:O	1:A:9:THR:CG2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:9:THR:H	1	3.6
(1,19)	2:B:53:ASP:O	1:A:9:THR:HA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:9:THR:HB	1	3.6
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG1	1	3.6
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG21	1	3.6
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG22	1	3.6
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG23	1	3.6
(1,19)	2:B:53:ASP:O	1:A:9:THR:N	1	3.6
(1,19)	2:B:53:ASP:O	1:A:9:THR:O	1	3.6
(1,19)	2:B:53:ASP:O	1:A:9:THR:OG1	1	3.6
(1,19)	2:B:53:ASP:O	1:A:10:GLY:C	1	3.6
(1,19)	2:B:53:ASP:O	1:A:10:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:10:GLY:H	1	3.6
(1,19)	2:B:53:ASP:O	1:A:10:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:10:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:10:GLY:N	1	3.6
(1,19)	2:B:53:ASP:O	1:A:10:GLY:O	1	3.6
(1,19)	2:B:53:ASP:O	1:A:12:3X9:C	1	3.6
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAB	1	3.6
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAC	1	3.6
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAD	1	3.6
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAI	1	3.6
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAJ	1	3.6
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAO	1	3.6
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAR	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAS	1	3.6
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CB	1	3.6
(1,19)	2:B:53:ASP:O	1:A:12:3X9:H	1	3.6
(1,19)	2:B:53:ASP:O	1:A:12:3X9:HA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:12:3X9:HAA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:12:3X9:HB3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:12:3X9:N	1	3.6
(1,19)	2:B:53:ASP:O	1:A:12:3X9:NAQ	1	3.6
(1,19)	2:B:53:ASP:O	1:A:12:3X9:O	1	3.6
(1,19)	2:B:53:ASP:O	1:A:12:3X9:OAH	1	3.6
(1,19)	2:B:53:ASP:O	1:A:12:3X9:SAL	1	3.6
(1,19)	2:B:53:ASP:O	1:A:12:3X9:SG	1	3.6
(1,19)	2:B:53:ASP:O	1:A:14:THR:C	1	3.6
(1,19)	2:B:53:ASP:O	1:A:14:THR:CA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:14:THR:CB	1	3.6
(1,19)	2:B:53:ASP:O	1:A:14:THR:CG2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:14:THR:H	1	3.6
(1,19)	2:B:53:ASP:O	1:A:14:THR:HA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:14:THR:HB	1	3.6
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG1	1	3.6
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG21	1	3.6
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG22	1	3.6
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG23	1	3.6
(1,19)	2:B:53:ASP:O	1:A:14:THR:N	1	3.6
(1,19)	2:B:53:ASP:O	1:A:14:THR:O	1	3.6
(1,19)	2:B:53:ASP:O	1:A:14:THR:OG1	1	3.6
(1,19)	2:B:53:ASP:O	1:A:39:ASP:C	1	3.6
(1,19)	2:B:53:ASP:O	1:A:39:ASP:CA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:39:ASP:CB	1	3.6
(1,19)	2:B:53:ASP:O	1:A:39:ASP:CG	1	3.6
(1,19)	2:B:53:ASP:O	1:A:39:ASP:H	1	3.6
(1,19)	2:B:53:ASP:O	1:A:39:ASP:HA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:39:ASP:HB2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:39:ASP:HB3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:39:ASP:N	1	3.6
(1,19)	2:B:53:ASP:O	1:A:39:ASP:O	1	3.6
(1,19)	2:B:53:ASP:O	1:A:39:ASP:OD1	1	3.6
(1,19)	2:B:53:ASP:O	1:A:39:ASP:OD2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:44:ILE:C	1	3.6
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CB	1	3.6
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CD1	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CG1	1	3.6
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CG2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:44:ILE:H	1	3.6
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HB	1	3.6
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HD11	1	3.6
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HD12	1	3.6
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HD13	1	3.6
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG12	1	3.6
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG13	1	3.6
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG21	1	3.6
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG22	1	3.6
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG23	1	3.6
(1,19)	2:B:53:ASP:O	1:A:44:ILE:N	1	3.6
(1,19)	2:B:53:ASP:O	1:A:44:ILE:O	1	3.6
(1,19)	2:B:53:ASP:O	1:A:46:ALA:C	1	3.6
(1,19)	2:B:53:ASP:O	1:A:46:ALA:CA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:46:ALA:CB	1	3.6
(1,19)	2:B:53:ASP:O	1:A:46:ALA:H	1	3.6
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HB1	1	3.6
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HB2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HB3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:46:ALA:N	1	3.6
(1,19)	2:B:53:ASP:O	1:A:46:ALA:O	1	3.6
(1,19)	2:B:53:ASP:O	1:A:47:GLY:C	1	3.6
(1,19)	2:B:53:ASP:O	1:A:47:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:47:GLY:H	1	3.6
(1,19)	2:B:53:ASP:O	1:A:47:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:47:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:47:GLY:N	1	3.6
(1,19)	2:B:53:ASP:O	1:A:47:GLY:O	1	3.6
(1,19)	2:B:53:ASP:O	1:A:48:LYS:C	1	3.6
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CB	1	3.6
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CD	1	3.6
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CE	1	3.6
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CG	1	3.6
(1,19)	2:B:53:ASP:O	1:A:48:LYS:H	1	3.6
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HB2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HB3	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HD2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HD3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HE2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HE3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HG2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HG3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HZ1	1	3.6
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HZ2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HZ3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:48:LYS:N	1	3.6
(1,19)	2:B:53:ASP:O	1:A:48:LYS:NZ	1	3.6
(1,19)	2:B:53:ASP:O	1:A:48:LYS:O	1	3.6
(1,19)	2:B:53:ASP:O	1:A:49:GLN:C	1	3.6
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CB	1	3.6
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CD	1	3.6
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CG	1	3.6
(1,19)	2:B:53:ASP:O	1:A:49:GLN:H	1	3.6
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HB2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HB3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HE21	1	3.6
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HE22	1	3.6
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HG2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HG3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:49:GLN:N	1	3.6
(1,19)	2:B:53:ASP:O	1:A:49:GLN:NE2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:49:GLN:O	1	3.6
(1,19)	2:B:53:ASP:O	1:A:49:GLN:OE1	1	3.6
(1,19)	2:B:53:ASP:O	1:A:51:GLU:C	1	3.6
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CB	1	3.6
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CD	1	3.6
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CG	1	3.6
(1,19)	2:B:53:ASP:O	1:A:51:GLU:H	1	3.6
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HB2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HB3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HG2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HG3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:51:GLU:N	1	3.6
(1,19)	2:B:53:ASP:O	1:A:51:GLU:O	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:51:GLU:OE1	1	3.6
(1,19)	2:B:53:ASP:O	1:A:51:GLU:OE2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:52:ASP:C	1	3.6
(1,19)	2:B:53:ASP:O	1:A:52:ASP:CA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:52:ASP:CB	1	3.6
(1,19)	2:B:53:ASP:O	1:A:52:ASP:CG	1	3.6
(1,19)	2:B:53:ASP:O	1:A:52:ASP:H	1	3.6
(1,19)	2:B:53:ASP:O	1:A:52:ASP:HA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:52:ASP:HB2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:52:ASP:HB3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:52:ASP:N	1	3.6
(1,19)	2:B:53:ASP:O	1:A:52:ASP:O	1	3.6
(1,19)	2:B:53:ASP:O	1:A:52:ASP:OD1	1	3.6
(1,19)	2:B:53:ASP:O	1:A:52:ASP:OD2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:64:GLU:C	1	3.6
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CB	1	3.6
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CD	1	3.6
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CG	1	3.6
(1,19)	2:B:53:ASP:O	1:A:64:GLU:H	1	3.6
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HB2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HB3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HG2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HG3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:64:GLU:N	1	3.6
(1,19)	2:B:53:ASP:O	1:A:64:GLU:O	1	3.6
(1,19)	2:B:53:ASP:O	1:A:64:GLU:OE1	1	3.6
(1,19)	2:B:53:ASP:O	1:A:64:GLU:OE2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:68:HIS:C	1	3.6
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CB	1	3.6
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CD2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CE1	1	3.6
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CG	1	3.6
(1,19)	2:B:53:ASP:O	1:A:68:HIS:H	1	3.6
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HB2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HB3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HD1	1	3.6
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HD2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HE1	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HE2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:68:HIS:N	1	3.6
(1,19)	2:B:53:ASP:O	1:A:68:HIS:ND1	1	3.6
(1,19)	2:B:53:ASP:O	1:A:68:HIS:NE2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:68:HIS:O	1	3.6
(1,19)	2:B:53:ASP:O	1:A:71:LEU:C	1	3.6
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:O	1:A:71:LEU:H	1	3.6
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:O	1:A:71:LEU:N	1	3.6
(1,19)	2:B:53:ASP:O	1:A:71:LEU:O	1	3.6
(1,19)	2:B:53:ASP:O	1:A:72:ARG:C	1	3.6
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CB	1	3.6
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CD	1	3.6
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CG	1	3.6
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CZ	1	3.6
(1,19)	2:B:53:ASP:O	1:A:72:ARG:H	1	3.6
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HB2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HB3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HD2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HD3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HE	1	3.6
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HG2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HG3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH11	1	3.6
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH12	1	3.6
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH21	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH22	1	3.6
(1,19)	2:B:53:ASP:O	1:A:72:ARG:N	1	3.6
(1,19)	2:B:53:ASP:O	1:A:72:ARG:NE	1	3.6
(1,19)	2:B:53:ASP:O	1:A:72:ARG:NH1	1	3.6
(1,19)	2:B:53:ASP:O	1:A:72:ARG:NH2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:72:ARG:O	1	3.6
(1,19)	2:B:53:ASP:O	1:A:73:LEU:C	1	3.6
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:O	1:A:73:LEU:H	1	3.6
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:O	1:A:73:LEU:N	1	3.6
(1,19)	2:B:53:ASP:O	1:A:73:LEU:O	1	3.6
(1,19)	2:B:53:ASP:O	1:A:74:ARG:C	1	3.6
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CB	1	3.6
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CD	1	3.6
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CG	1	3.6
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CZ	1	3.6
(1,19)	2:B:53:ASP:O	1:A:74:ARG:H	1	3.6
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HB2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HB3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HD2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HD3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HE	1	3.6
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HG2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HG3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH11	1	3.6
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH12	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH21	1	3.6
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH22	1	3.6
(1,19)	2:B:53:ASP:O	1:A:74:ARG:N	1	3.6
(1,19)	2:B:53:ASP:O	1:A:74:ARG:NE	1	3.6
(1,19)	2:B:53:ASP:O	1:A:74:ARG:NH1	1	3.6
(1,19)	2:B:53:ASP:O	1:A:74:ARG:NH2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:74:ARG:O	1	3.6
(1,19)	2:B:53:ASP:O	1:A:75:GLY:C	1	3.6
(1,19)	2:B:53:ASP:O	1:A:75:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:75:GLY:H	1	3.6
(1,19)	2:B:53:ASP:O	1:A:75:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:75:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:75:GLY:N	1	3.6
(1,19)	2:B:53:ASP:O	1:A:75:GLY:O	1	3.6
(1,19)	2:B:53:ASP:O	1:A:76:GLY:C	1	3.6
(1,19)	2:B:53:ASP:O	1:A:76:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:O	1:A:76:GLY:H	1	3.6
(1,19)	2:B:53:ASP:O	1:A:76:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:O	1:A:76:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:O	1:A:76:GLY:N	1	3.6
(1,19)	2:B:53:ASP:O	1:A:76:GLY:O	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:C	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CB	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CD	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CG	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:H	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HB2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HB3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HE21	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HE22	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HG2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HG3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:N	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:NE2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:O	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:OE1	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:C	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:C	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CA	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:H	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:H	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:N	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:N	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:O	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:O	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:C	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:CA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:CB	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:CG2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:H	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HB	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG1	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG21	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG22	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG23	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:N	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:O	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:OG1	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:C	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:H	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:N	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:O	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:C	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAB	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAC	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAD	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAI	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAJ	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAO	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAR	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAS	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CB	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:H	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:HA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:HAA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:HB3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:N	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:NAQ	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:O	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:OAH	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:SAL	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:SG	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:C	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:CA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:CB	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:CG2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:H	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HB	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG1	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG21	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG22	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG23	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:N	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:O	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:OG1	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:C	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:CA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:CB	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:CG	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:H	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:HA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:HB2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:HB3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:N	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:O	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:OD1	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:OD2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:C	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CB	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CD1	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CG1	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CG2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:H	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HB	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HD11	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HD12	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HD13	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG12	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG13	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG21	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG22	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG23	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:N	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:O	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:C	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:CA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:CB	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:H	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HB1	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HB2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HB3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:N	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:O	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:C	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:H	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:N	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:O	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:C	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CB	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CD	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CE	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CG	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:H	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HB2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HB3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HD2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HD3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HE2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HE3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HG2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HG3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HZ1	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HZ2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HZ3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:N	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:NZ	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:O	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:C	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CB	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CD	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CG	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:H	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HA	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HB2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HB3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HE21	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HE22	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HG2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HG3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:N	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:NE2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:O	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:OE1	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:C	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CB	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CD	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CG	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:H	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HB2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HB3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HG2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HG3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:N	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:O	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:OE1	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:OE2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:C	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:CA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:CB	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:CG	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:H	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:HA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:HB2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:HB3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:N	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:O	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:OD1	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:OD2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:C	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CB	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CD	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CG	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:H	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HB2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HB3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HG2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HG3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:N	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:O	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:OE1	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:OE2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:C	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CB	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CD2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CE1	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CG	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:H	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HB2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HB3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HD1	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HD2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HE1	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HE2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:N	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:ND1	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:NE2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:O	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:C	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:H	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD21	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:N	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:O	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:C	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CB	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CD	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CG	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CZ	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:H	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HB2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HB3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HD2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HD3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HE	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HG2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HG3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH11	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH12	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH21	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH22	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:N	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:NE	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:NH1	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:NH2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:O	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:C	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:H	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD13	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:N	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:O	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:C	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CB	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CD	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CG	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CZ	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:H	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HB2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HB3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HD2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HD3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HE	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HG2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HG3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH11	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH12	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH21	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH22	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:N	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:NE	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:NH1	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:NH2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:O	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:C	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:H	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:N	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:O	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:C	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:H	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:HA3	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:N	1	3.6
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:O	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:C	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CB	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CD	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CG	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:H	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HB2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HB3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HE21	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HE22	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HG2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HG3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:N	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:NE2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:O	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:OE1	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:C	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:C	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:H	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:H	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD12	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:N	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:N	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:O	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:O	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:C	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:CA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:CB	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:CG2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:H	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HB	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG1	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG21	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG22	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG23	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:N	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:O	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:OG1	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:C	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:H	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:N	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:O	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:C	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAB	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAC	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAD	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAI	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAJ	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAO	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAR	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAS	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CB	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:H	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:HA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:HAA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:HB3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:N	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:NAQ	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:O	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:OAH	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:SAL	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:SG	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:C	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:CA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:CB	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:CG2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:H	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HB	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG1	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG21	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG22	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG23	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:N	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:O	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:OG1	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:C	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:CA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:CB	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:CG	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:H	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:HA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:HB2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:HB3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:N	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:O	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:OD1	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:OD2	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:C	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CB	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CD1	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CG1	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CG2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:H	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HB	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HD11	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HD12	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HD13	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG12	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG13	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG21	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG22	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG23	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:N	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:O	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:C	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:CA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:CB	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:H	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HB1	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HB2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HB3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:N	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:O	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:C	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:H	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:N	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:O	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:C	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CB	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CD	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CE	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CG	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:H	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HB2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HB3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HD2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HD3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HE2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HE3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HG2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HG3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HZ1	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HZ2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HZ3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:N	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:NZ	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:O	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:C	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CB	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CD	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CG	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:H	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HB2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HB3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HE21	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HE22	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HG2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HG3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:N	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:NE2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:O	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:OE1	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:C	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CB	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CD	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CG	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:H	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HB2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HB3	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HG2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HG3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:N	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:O	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:OE1	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:OE2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:C	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:CA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:CB	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:CG	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:H	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:HA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:HB2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:HB3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:N	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:O	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:OD1	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:OD2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:C	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CB	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CD	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CG	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:H	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HB2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HB3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HG2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HG3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:N	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:O	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:OE1	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:OE2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:C	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CB	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CD2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CE1	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CG	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:H	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HB2	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HB3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HD1	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HD2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HE1	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HE2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:N	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:ND1	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:NE2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:O	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:C	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:H	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:N	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:O	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:C	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CB	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CD	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CG	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CZ	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:H	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HB2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HB3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HD2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HD3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HE	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HG2	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HG3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH11	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH12	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH21	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH22	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:N	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:NE	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:NH1	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:NH2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:O	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:C	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CB	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CD1	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CD2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CG	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:H	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HB2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HB3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD11	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD12	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD13	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD21	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD22	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD23	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HG	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:N	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:O	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:C	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CB	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CD	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CG	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CZ	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:H	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HB2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HB3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HD2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HD3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HE	1	3.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HG2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HG3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH11	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH12	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH21	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH22	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:N	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:NE	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:NH1	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:NH2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:O	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:C	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:H	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:N	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:O	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:C	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:CA	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:H	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:HA2	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:HA3	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:N	1	3.6
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:O	1	3.6
(1,19)	2:B:53:ASP:C	1:A:2:GLN:C	3	3.57
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CB	3	3.57
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CD	3	3.57
(1,19)	2:B:53:ASP:C	1:A:2:GLN:CG	3	3.57
(1,19)	2:B:53:ASP:C	1:A:2:GLN:H	3	3.57
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HB2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HB3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HE21	3	3.57
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HE22	3	3.57
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HG2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:2:GLN:HG3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:2:GLN:N	3	3.57
(1,19)	2:B:53:ASP:C	1:A:2:GLN:NE2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:2:GLN:O	3	3.57
(1,19)	2:B:53:ASP:C	1:A:2:GLN:OE1	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:8:LEU:C	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:C	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:H	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:H	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:N	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:N	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:O	3	3.57
(1,19)	2:B:53:ASP:C	1:A:8:LEU:O	3	3.57
(1,19)	2:B:53:ASP:C	1:A:9:THR:C	3	3.57
(1,19)	2:B:53:ASP:C	1:A:9:THR:CA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:9:THR:CB	3	3.57
(1,19)	2:B:53:ASP:C	1:A:9:THR:CG2	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:9:THR:H	3	3.57
(1,19)	2:B:53:ASP:C	1:A:9:THR:HA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:9:THR:HB	3	3.57
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG1	3	3.57
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG21	3	3.57
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG22	3	3.57
(1,19)	2:B:53:ASP:C	1:A:9:THR:HG23	3	3.57
(1,19)	2:B:53:ASP:C	1:A:9:THR:N	3	3.57
(1,19)	2:B:53:ASP:C	1:A:9:THR:O	3	3.57
(1,19)	2:B:53:ASP:C	1:A:9:THR:OG1	3	3.57
(1,19)	2:B:53:ASP:C	1:A:10:GLY:C	3	3.57
(1,19)	2:B:53:ASP:C	1:A:10:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:10:GLY:H	3	3.57
(1,19)	2:B:53:ASP:C	1:A:10:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:10:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:10:GLY:N	3	3.57
(1,19)	2:B:53:ASP:C	1:A:10:GLY:O	3	3.57
(1,19)	2:B:53:ASP:C	1:A:12:3X9:C	3	3.57
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAB	3	3.57
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAC	3	3.57
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAD	3	3.57
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAI	3	3.57
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAJ	3	3.57
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAO	3	3.57
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAR	3	3.57
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CAS	3	3.57
(1,19)	2:B:53:ASP:C	1:A:12:3X9:CB	3	3.57
(1,19)	2:B:53:ASP:C	1:A:12:3X9:H	3	3.57
(1,19)	2:B:53:ASP:C	1:A:12:3X9:HA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:12:3X9:HAA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:12:3X9:HB3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:12:3X9:N	3	3.57
(1,19)	2:B:53:ASP:C	1:A:12:3X9:NAQ	3	3.57
(1,19)	2:B:53:ASP:C	1:A:12:3X9:O	3	3.57
(1,19)	2:B:53:ASP:C	1:A:12:3X9:OAH	3	3.57
(1,19)	2:B:53:ASP:C	1:A:12:3X9:SAL	3	3.57
(1,19)	2:B:53:ASP:C	1:A:12:3X9:SG	3	3.57
(1,19)	2:B:53:ASP:C	1:A:14:THR:C	3	3.57
(1,19)	2:B:53:ASP:C	1:A:14:THR:CA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:14:THR:CB	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:14:THR:CG2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:14:THR:H	3	3.57
(1,19)	2:B:53:ASP:C	1:A:14:THR:HA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:14:THR:HB	3	3.57
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG1	3	3.57
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG21	3	3.57
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG22	3	3.57
(1,19)	2:B:53:ASP:C	1:A:14:THR:HG23	3	3.57
(1,19)	2:B:53:ASP:C	1:A:14:THR:N	3	3.57
(1,19)	2:B:53:ASP:C	1:A:14:THR:O	3	3.57
(1,19)	2:B:53:ASP:C	1:A:14:THR:OG1	3	3.57
(1,19)	2:B:53:ASP:C	1:A:39:ASP:C	3	3.57
(1,19)	2:B:53:ASP:C	1:A:39:ASP:CA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:39:ASP:CB	3	3.57
(1,19)	2:B:53:ASP:C	1:A:39:ASP:CG	3	3.57
(1,19)	2:B:53:ASP:C	1:A:39:ASP:H	3	3.57
(1,19)	2:B:53:ASP:C	1:A:39:ASP:HA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:39:ASP:HB2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:39:ASP:HB3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:39:ASP:N	3	3.57
(1,19)	2:B:53:ASP:C	1:A:39:ASP:O	3	3.57
(1,19)	2:B:53:ASP:C	1:A:39:ASP:OD1	3	3.57
(1,19)	2:B:53:ASP:C	1:A:39:ASP:OD2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:44:ILE:C	3	3.57
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CB	3	3.57
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CD1	3	3.57
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CG1	3	3.57
(1,19)	2:B:53:ASP:C	1:A:44:ILE:CG2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:44:ILE:H	3	3.57
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HB	3	3.57
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HD11	3	3.57
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HD12	3	3.57
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HD13	3	3.57
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG12	3	3.57
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG13	3	3.57
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG21	3	3.57
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG22	3	3.57
(1,19)	2:B:53:ASP:C	1:A:44:ILE:HG23	3	3.57
(1,19)	2:B:53:ASP:C	1:A:44:ILE:N	3	3.57
(1,19)	2:B:53:ASP:C	1:A:44:ILE:O	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:46:ALA:C	3	3.57
(1,19)	2:B:53:ASP:C	1:A:46:ALA:CA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:46:ALA:CB	3	3.57
(1,19)	2:B:53:ASP:C	1:A:46:ALA:H	3	3.57
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HB1	3	3.57
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HB2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:46:ALA:HB3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:46:ALA:N	3	3.57
(1,19)	2:B:53:ASP:C	1:A:46:ALA:O	3	3.57
(1,19)	2:B:53:ASP:C	1:A:47:GLY:C	3	3.57
(1,19)	2:B:53:ASP:C	1:A:47:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:47:GLY:H	3	3.57
(1,19)	2:B:53:ASP:C	1:A:47:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:47:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:47:GLY:N	3	3.57
(1,19)	2:B:53:ASP:C	1:A:47:GLY:O	3	3.57
(1,19)	2:B:53:ASP:C	1:A:48:LYS:C	3	3.57
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CB	3	3.57
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CD	3	3.57
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CE	3	3.57
(1,19)	2:B:53:ASP:C	1:A:48:LYS:CG	3	3.57
(1,19)	2:B:53:ASP:C	1:A:48:LYS:H	3	3.57
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HB2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HB3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HD2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HD3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HE2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HE3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HG2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HG3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HZ1	3	3.57
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HZ2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:48:LYS:HZ3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:48:LYS:N	3	3.57
(1,19)	2:B:53:ASP:C	1:A:48:LYS:NZ	3	3.57
(1,19)	2:B:53:ASP:C	1:A:48:LYS:O	3	3.57
(1,19)	2:B:53:ASP:C	1:A:49:GLN:C	3	3.57
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CB	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CD	3	3.57
(1,19)	2:B:53:ASP:C	1:A:49:GLN:CG	3	3.57
(1,19)	2:B:53:ASP:C	1:A:49:GLN:H	3	3.57
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HB2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HB3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HE21	3	3.57
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HE22	3	3.57
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HG2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:49:GLN:HG3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:49:GLN:N	3	3.57
(1,19)	2:B:53:ASP:C	1:A:49:GLN:NE2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:49:GLN:O	3	3.57
(1,19)	2:B:53:ASP:C	1:A:49:GLN:OE1	3	3.57
(1,19)	2:B:53:ASP:C	1:A:51:GLU:C	3	3.57
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CB	3	3.57
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CD	3	3.57
(1,19)	2:B:53:ASP:C	1:A:51:GLU:CG	3	3.57
(1,19)	2:B:53:ASP:C	1:A:51:GLU:H	3	3.57
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HB2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HB3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HG2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:51:GLU:HG3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:51:GLU:N	3	3.57
(1,19)	2:B:53:ASP:C	1:A:51:GLU:O	3	3.57
(1,19)	2:B:53:ASP:C	1:A:51:GLU:OE1	3	3.57
(1,19)	2:B:53:ASP:C	1:A:51:GLU:OE2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:52:ASP:C	3	3.57
(1,19)	2:B:53:ASP:C	1:A:52:ASP:CA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:52:ASP:CB	3	3.57
(1,19)	2:B:53:ASP:C	1:A:52:ASP:CG	3	3.57
(1,19)	2:B:53:ASP:C	1:A:52:ASP:H	3	3.57
(1,19)	2:B:53:ASP:C	1:A:52:ASP:HA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:52:ASP:HB2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:52:ASP:HB3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:52:ASP:N	3	3.57
(1,19)	2:B:53:ASP:C	1:A:52:ASP:O	3	3.57
(1,19)	2:B:53:ASP:C	1:A:52:ASP:OD1	3	3.57
(1,19)	2:B:53:ASP:C	1:A:52:ASP:OD2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:64:GLU:C	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CB	3	3.57
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CD	3	3.57
(1,19)	2:B:53:ASP:C	1:A:64:GLU:CG	3	3.57
(1,19)	2:B:53:ASP:C	1:A:64:GLU:H	3	3.57
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HB2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HB3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HG2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:64:GLU:HG3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:64:GLU:N	3	3.57
(1,19)	2:B:53:ASP:C	1:A:64:GLU:O	3	3.57
(1,19)	2:B:53:ASP:C	1:A:64:GLU:OE1	3	3.57
(1,19)	2:B:53:ASP:C	1:A:64:GLU:OE2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:68:HIS:C	3	3.57
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CB	3	3.57
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CD2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CE1	3	3.57
(1,19)	2:B:53:ASP:C	1:A:68:HIS:CG	3	3.57
(1,19)	2:B:53:ASP:C	1:A:68:HIS:H	3	3.57
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HB2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HB3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HD1	3	3.57
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HD2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HE1	3	3.57
(1,19)	2:B:53:ASP:C	1:A:68:HIS:HE2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:68:HIS:N	3	3.57
(1,19)	2:B:53:ASP:C	1:A:68:HIS:ND1	3	3.57
(1,19)	2:B:53:ASP:C	1:A:68:HIS:NE2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:68:HIS:O	3	3.57
(1,19)	2:B:53:ASP:C	1:A:71:LEU:C	3	3.57
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:71:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:C	1:A:71:LEU:H	3	3.57
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HB3	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:C	1:A:71:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:C	1:A:71:LEU:N	3	3.57
(1,19)	2:B:53:ASP:C	1:A:71:LEU:O	3	3.57
(1,19)	2:B:53:ASP:C	1:A:72:ARG:C	3	3.57
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CB	3	3.57
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CD	3	3.57
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CG	3	3.57
(1,19)	2:B:53:ASP:C	1:A:72:ARG:CZ	3	3.57
(1,19)	2:B:53:ASP:C	1:A:72:ARG:H	3	3.57
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HB2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HB3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HD2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HD3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HE	3	3.57
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HG2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HG3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH11	3	3.57
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH12	3	3.57
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH21	3	3.57
(1,19)	2:B:53:ASP:C	1:A:72:ARG:HH22	3	3.57
(1,19)	2:B:53:ASP:C	1:A:72:ARG:N	3	3.57
(1,19)	2:B:53:ASP:C	1:A:72:ARG:NE	3	3.57
(1,19)	2:B:53:ASP:C	1:A:72:ARG:NH1	3	3.57
(1,19)	2:B:53:ASP:C	1:A:72:ARG:NH2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:72:ARG:O	3	3.57
(1,19)	2:B:53:ASP:C	1:A:73:LEU:C	3	3.57
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:73:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:C	1:A:73:LEU:H	3	3.57
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HB2	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:C	1:A:73:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:C	1:A:73:LEU:N	3	3.57
(1,19)	2:B:53:ASP:C	1:A:73:LEU:O	3	3.57
(1,19)	2:B:53:ASP:C	1:A:74:ARG:C	3	3.57
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CB	3	3.57
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CD	3	3.57
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CG	3	3.57
(1,19)	2:B:53:ASP:C	1:A:74:ARG:CZ	3	3.57
(1,19)	2:B:53:ASP:C	1:A:74:ARG:H	3	3.57
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HB2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HB3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HD2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HD3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HE	3	3.57
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HG2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HG3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH11	3	3.57
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH12	3	3.57
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH21	3	3.57
(1,19)	2:B:53:ASP:C	1:A:74:ARG:HH22	3	3.57
(1,19)	2:B:53:ASP:C	1:A:74:ARG:N	3	3.57
(1,19)	2:B:53:ASP:C	1:A:74:ARG:NE	3	3.57
(1,19)	2:B:53:ASP:C	1:A:74:ARG:NH1	3	3.57
(1,19)	2:B:53:ASP:C	1:A:74:ARG:NH2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:74:ARG:O	3	3.57
(1,19)	2:B:53:ASP:C	1:A:75:GLY:C	3	3.57
(1,19)	2:B:53:ASP:C	1:A:75:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:75:GLY:H	3	3.57
(1,19)	2:B:53:ASP:C	1:A:75:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:75:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:75:GLY:N	3	3.57
(1,19)	2:B:53:ASP:C	1:A:75:GLY:O	3	3.57
(1,19)	2:B:53:ASP:C	1:A:76:GLY:C	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:C	1:A:76:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:C	1:A:76:GLY:H	3	3.57
(1,19)	2:B:53:ASP:C	1:A:76:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:C	1:A:76:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:C	1:A:76:GLY:N	3	3.57
(1,19)	2:B:53:ASP:C	1:A:76:GLY:O	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:C	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CB	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CD	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:CG	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:H	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HB2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HB3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HE21	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HE22	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HG2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:HG3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:N	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:NE2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:O	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:2:GLN:OE1	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:C	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:C	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:H	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:H	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB3	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:N	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:N	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:O	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:8:LEU:O	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:9:THR:C	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:9:THR:CA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:9:THR:CB	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:9:THR:CG2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:9:THR:H	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HB	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG1	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG21	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG22	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:9:THR:HG23	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:9:THR:N	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:9:THR:O	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:9:THR:OG1	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:C	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:H	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:N	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:10:GLY:O	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:C	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CA	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAB	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAC	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAD	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAI	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAJ	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAO	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAR	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CAS	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:CB	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:H	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:HA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:HAA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:HB3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:N	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:NAQ	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:O	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:OAH	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:SAL	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:12:3X9:SG	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:14:THR:C	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:14:THR:CA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:14:THR:CB	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:14:THR:CG2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:14:THR:H	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HB	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG1	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG21	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG22	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:14:THR:HG23	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:14:THR:N	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:14:THR:O	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:14:THR:OG1	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:C	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:CA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:CB	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:CG	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:H	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:HA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:HB2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:HB3	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:N	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:O	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:OD1	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:39:ASP:OD2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:C	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CB	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CD1	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CG1	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:CG2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:H	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HB	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HD11	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HD12	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HD13	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG12	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG13	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG21	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG22	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:HG23	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:N	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:44:ILE:O	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:C	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:CA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:CB	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:H	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HB1	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HB2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:HB3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:N	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:46:ALA:O	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:C	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:H	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:N	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:47:GLY:O	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:C	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CA	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CB	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CD	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CE	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:CG	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:H	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HB2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HB3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HD2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HD3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HE2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HE3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HG2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HG3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HZ1	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HZ2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:HZ3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:N	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:NZ	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:48:LYS:O	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:C	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CB	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CD	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:CG	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:H	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HB2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HB3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HE21	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HE22	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HG2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:HG3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:N	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:NE2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:O	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:49:GLN:OE1	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:C	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CB	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CD	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:CG	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:H	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HB2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HB3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HG2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:HG3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:N	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:O	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:OE1	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:51:GLU:OE2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:C	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:CA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:CB	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:CG	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:H	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:HA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:HB2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:HB3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:N	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:O	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:OD1	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:52:ASP:OD2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:C	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CB	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CD	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:CG	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:H	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HB2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HB3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HG2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:HG3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:N	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:O	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:OE1	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:64:GLU:OE2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:C	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CB	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CD2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CE1	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:CG	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:H	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HB2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HB3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HD1	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HD2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HE1	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:HE2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:N	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:ND1	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:NE2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:68:HIS:O	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:C	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:H	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:N	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:71:LEU:O	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:C	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CB	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CD	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CG	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:CZ	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:H	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HB2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HB3	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HD2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HD3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HE	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HG2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HG3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH11	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH12	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH21	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:HH22	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:N	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:NE	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:NH1	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:NH2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:72:ARG:O	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:C	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:H	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:N	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:73:LEU:O	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:C	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CB	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CD	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CG	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:CZ	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:H	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HB2	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HB3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HD2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HD3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HE	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HG2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HG3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH11	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH12	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH21	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:HH22	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:N	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:NE	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:NH1	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:NH2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:74:ARG:O	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:C	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:H	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:N	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:75:GLY:O	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:C	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:H	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:N	3	3.57
(1,19)	2:B:53:ASP:CA	1:A:76:GLY:O	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:C	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CB	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CD	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:CG	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:H	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HB2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HB3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HE21	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HE22	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HG2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:HG3	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:N	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:NE2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:O	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:2:GLN:OE1	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:C	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:C	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:H	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:H	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:N	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:N	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:O	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:8:LEU:O	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:9:THR:C	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:9:THR:CA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:9:THR:CB	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:9:THR:CG2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:9:THR:H	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HB	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG1	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG21	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG22	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:9:THR:HG23	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:9:THR:N	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:9:THR:O	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:9:THR:OG1	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:C	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:H	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:N	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:10:GLY:O	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:C	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAB	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAC	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAD	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAI	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAJ	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAO	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAR	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CAS	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:CB	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:H	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:HA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:HAA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:HB3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:N	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:NAQ	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:O	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:OAH	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:SAL	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:12:3X9:SG	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:14:THR:C	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:14:THR:CA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:14:THR:CB	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:14:THR:CG2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:14:THR:H	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HB	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG1	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG21	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG22	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:14:THR:HG23	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:14:THR:N	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:14:THR:O	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:14:THR:OG1	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:C	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:CA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:CB	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:CG	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:H	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:HA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:HB2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:HB3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:N	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:O	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:OD1	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:39:ASP:OD2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:C	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CB	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CD1	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CG1	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:CG2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:H	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HB	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HD11	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HD12	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HD13	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG12	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG13	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG21	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG22	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:HG23	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:N	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:44:ILE:O	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:C	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:CA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:CB	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:H	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HB1	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HB2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:HB3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:N	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:46:ALA:O	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:C	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:H	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:N	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:47:GLY:O	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:C	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CB	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CD	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CE	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:CG	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:H	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HB2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HB3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HD2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HD3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HE2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HE3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HG2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HG3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HZ1	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HZ2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:HZ3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:N	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:NZ	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:48:LYS:O	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:C	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CB	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CD	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:CG	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:H	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HB2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HB3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HE21	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HE22	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HG2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:HG3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:N	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:NE2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:O	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:49:GLN:OE1	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:C	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CB	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CD	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:CG	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:H	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HB2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HB3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HG2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:HG3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:N	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:O	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:OE1	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:51:GLU:OE2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:C	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:CA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:CB	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:CG	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:H	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:HA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:HB2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:HB3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:N	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:O	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:OD1	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:52:ASP:OD2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:C	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CB	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CD	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:CG	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:H	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HB2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HB3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HG2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:HG3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:N	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:O	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:OE1	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:64:GLU:OE2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:C	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CB	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CD2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CE1	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:CG	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:H	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HB2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HB3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HD1	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HD2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HE1	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:HE2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:N	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:ND1	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:NE2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:68:HIS:O	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:C	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:CG	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:H	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:N	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:71:LEU:O	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:C	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CB	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CD	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CG	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:CZ	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:H	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HB2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HB3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HD2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HD3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HE	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HG2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HG3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH11	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH12	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH21	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:HH22	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:N	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:NE	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:NH1	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:NH2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:72:ARG:O	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:C	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CD2	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:H	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:N	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:73:LEU:O	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:C	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CB	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CD	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CG	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:CZ	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:H	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HB2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HB3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HD2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HD3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HE	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HG2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HG3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH11	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH12	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH21	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:HH22	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:N	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:NE	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:NH1	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:NH2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:74:ARG:O	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:C	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:H	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:HA2	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:N	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:75:GLY:O	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:C	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:H	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:N	3	3.57
(1,19)	2:B:53:ASP:CB	1:A:76:GLY:O	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:C	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CB	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CD	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:CG	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:H	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HB2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HB3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HE21	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HE22	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HG2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:HG3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:N	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:NE2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:O	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:2:GLN:OE1	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:C	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:C	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:H	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:H	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HA	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:N	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:N	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:O	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:8:LEU:O	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:9:THR:C	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:9:THR:CA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:9:THR:CB	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:9:THR:CG2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:9:THR:H	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HB	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG1	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG21	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG22	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:9:THR:HG23	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:9:THR:N	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:9:THR:O	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:9:THR:OG1	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:C	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:H	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:HA3	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:N	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:10:GLY:O	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:C	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAB	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAC	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAD	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAI	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAJ	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAO	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAR	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CAS	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:CB	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:H	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:HA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:HAA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:HB3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:N	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:NAQ	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:O	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:OAH	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:SAL	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:12:3X9:SG	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:14:THR:C	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:14:THR:CA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:14:THR:CB	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:14:THR:CG2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:14:THR:H	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HB	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG1	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG21	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG22	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:14:THR:HG23	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:14:THR:N	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:14:THR:O	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:14:THR:OG1	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:C	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:CA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:CB	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:CG	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:H	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:HA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:HB2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:HB3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:N	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:O	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:OD1	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:39:ASP:OD2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:C	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CB	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CD1	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CG1	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:CG2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:H	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HB	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HD11	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HD12	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HD13	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG12	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG13	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG21	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG22	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:HG23	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:N	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:44:ILE:O	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:C	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:CA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:CB	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:H	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HB1	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HB2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:HB3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:N	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:46:ALA:O	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:C	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:H	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:HA3	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:N	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:47:GLY:O	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:C	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CB	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CD	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CE	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:CG	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:H	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HB2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HB3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HD2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HD3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HE2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HE3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HG2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HG3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HZ1	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HZ2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:HZ3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:N	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:NZ	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:48:LYS:O	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:C	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CB	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CD	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:CG	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:H	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HB2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HB3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HE21	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HE22	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HG2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:HG3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:N	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:NE2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:O	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:49:GLN:OE1	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:C	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CB	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CD	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:CG	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:H	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HB2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HB3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HG2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:HG3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:N	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:O	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:OE1	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:51:GLU:OE2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:C	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:CA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:CB	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:CG	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:H	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:HA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:HB2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:HB3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:N	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:O	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:OD1	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:52:ASP:OD2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:C	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CB	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CD	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:CG	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:H	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HB2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HB3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HG2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:HG3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:N	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:O	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:OE1	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:64:GLU:OE2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:C	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CB	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CD2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CE1	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:CG	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:H	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HB2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HB3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HD1	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HD2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HE1	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:HE2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:N	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:ND1	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:NE2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:68:HIS:O	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:C	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:H	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:N	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:71:LEU:O	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:C	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CB	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CD	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CG	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:CZ	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:H	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HB2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HB3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HD2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HD3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HE	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HG2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HG3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH11	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH12	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH21	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:HH22	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:N	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:NE	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:NH1	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:NH2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:72:ARG:O	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:C	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:H	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:N	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:73:LEU:O	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:C	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CB	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CD	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CG	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:CZ	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:H	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HB2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HB3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HD2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HD3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HE	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HG2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HG3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH11	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH12	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH21	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:HH22	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:N	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:NE	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:NH1	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:NH2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:74:ARG:O	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:C	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:H	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:N	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:75:GLY:O	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:C	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:H	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:N	3	3.57
(1,19)	2:B:53:ASP:CG	1:A:76:GLY:O	3	3.57
(1,19)	2:B:53:ASP:H	1:A:2:GLN:C	3	3.57
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CB	3	3.57
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CD	3	3.57
(1,19)	2:B:53:ASP:H	1:A:2:GLN:CG	3	3.57
(1,19)	2:B:53:ASP:H	1:A:2:GLN:H	3	3.57
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HB2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HB3	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HE21	3	3.57
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HE22	3	3.57
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HG2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:2:GLN:HG3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:2:GLN:N	3	3.57
(1,19)	2:B:53:ASP:H	1:A:2:GLN:NE2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:2:GLN:O	3	3.57
(1,19)	2:B:53:ASP:H	1:A:2:GLN:OE1	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:C	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:C	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:H	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:H	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:HG	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:8:LEU:N	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:N	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:O	3	3.57
(1,19)	2:B:53:ASP:H	1:A:8:LEU:O	3	3.57
(1,19)	2:B:53:ASP:H	1:A:9:THR:C	3	3.57
(1,19)	2:B:53:ASP:H	1:A:9:THR:CA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:9:THR:CB	3	3.57
(1,19)	2:B:53:ASP:H	1:A:9:THR:CG2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:9:THR:H	3	3.57
(1,19)	2:B:53:ASP:H	1:A:9:THR:HA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:9:THR:HB	3	3.57
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG1	3	3.57
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG21	3	3.57
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG22	3	3.57
(1,19)	2:B:53:ASP:H	1:A:9:THR:HG23	3	3.57
(1,19)	2:B:53:ASP:H	1:A:9:THR:N	3	3.57
(1,19)	2:B:53:ASP:H	1:A:9:THR:O	3	3.57
(1,19)	2:B:53:ASP:H	1:A:9:THR:OG1	3	3.57
(1,19)	2:B:53:ASP:H	1:A:10:GLY:C	3	3.57
(1,19)	2:B:53:ASP:H	1:A:10:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:10:GLY:H	3	3.57
(1,19)	2:B:53:ASP:H	1:A:10:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:10:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:10:GLY:N	3	3.57
(1,19)	2:B:53:ASP:H	1:A:10:GLY:O	3	3.57
(1,19)	2:B:53:ASP:H	1:A:12:3X9:C	3	3.57
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAB	3	3.57
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAC	3	3.57
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAD	3	3.57
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAI	3	3.57
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAJ	3	3.57
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAO	3	3.57
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAR	3	3.57
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CAS	3	3.57
(1,19)	2:B:53:ASP:H	1:A:12:3X9:CB	3	3.57
(1,19)	2:B:53:ASP:H	1:A:12:3X9:H	3	3.57
(1,19)	2:B:53:ASP:H	1:A:12:3X9:HA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:12:3X9:HAA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:12:3X9:HB3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:12:3X9:N	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:12:3X9:NAQ	3	3.57
(1,19)	2:B:53:ASP:H	1:A:12:3X9:O	3	3.57
(1,19)	2:B:53:ASP:H	1:A:12:3X9:OAH	3	3.57
(1,19)	2:B:53:ASP:H	1:A:12:3X9:SAL	3	3.57
(1,19)	2:B:53:ASP:H	1:A:12:3X9:SG	3	3.57
(1,19)	2:B:53:ASP:H	1:A:14:THR:C	3	3.57
(1,19)	2:B:53:ASP:H	1:A:14:THR:CA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:14:THR:CB	3	3.57
(1,19)	2:B:53:ASP:H	1:A:14:THR:CG2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:14:THR:H	3	3.57
(1,19)	2:B:53:ASP:H	1:A:14:THR:HA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:14:THR:HB	3	3.57
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG1	3	3.57
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG21	3	3.57
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG22	3	3.57
(1,19)	2:B:53:ASP:H	1:A:14:THR:HG23	3	3.57
(1,19)	2:B:53:ASP:H	1:A:14:THR:N	3	3.57
(1,19)	2:B:53:ASP:H	1:A:14:THR:O	3	3.57
(1,19)	2:B:53:ASP:H	1:A:14:THR:OG1	3	3.57
(1,19)	2:B:53:ASP:H	1:A:39:ASP:C	3	3.57
(1,19)	2:B:53:ASP:H	1:A:39:ASP:CA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:39:ASP:CB	3	3.57
(1,19)	2:B:53:ASP:H	1:A:39:ASP:CG	3	3.57
(1,19)	2:B:53:ASP:H	1:A:39:ASP:H	3	3.57
(1,19)	2:B:53:ASP:H	1:A:39:ASP:HA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:39:ASP:HB2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:39:ASP:HB3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:39:ASP:N	3	3.57
(1,19)	2:B:53:ASP:H	1:A:39:ASP:O	3	3.57
(1,19)	2:B:53:ASP:H	1:A:39:ASP:OD1	3	3.57
(1,19)	2:B:53:ASP:H	1:A:39:ASP:OD2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:44:ILE:C	3	3.57
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CB	3	3.57
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CD1	3	3.57
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CG1	3	3.57
(1,19)	2:B:53:ASP:H	1:A:44:ILE:CG2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:44:ILE:H	3	3.57
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HB	3	3.57
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HD11	3	3.57
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HD12	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HD13	3	3.57
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG12	3	3.57
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG13	3	3.57
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG21	3	3.57
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG22	3	3.57
(1,19)	2:B:53:ASP:H	1:A:44:ILE:HG23	3	3.57
(1,19)	2:B:53:ASP:H	1:A:44:ILE:N	3	3.57
(1,19)	2:B:53:ASP:H	1:A:44:ILE:O	3	3.57
(1,19)	2:B:53:ASP:H	1:A:46:ALA:C	3	3.57
(1,19)	2:B:53:ASP:H	1:A:46:ALA:CA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:46:ALA:CB	3	3.57
(1,19)	2:B:53:ASP:H	1:A:46:ALA:H	3	3.57
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HB1	3	3.57
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HB2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:46:ALA:HB3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:46:ALA:N	3	3.57
(1,19)	2:B:53:ASP:H	1:A:46:ALA:O	3	3.57
(1,19)	2:B:53:ASP:H	1:A:47:GLY:C	3	3.57
(1,19)	2:B:53:ASP:H	1:A:47:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:47:GLY:H	3	3.57
(1,19)	2:B:53:ASP:H	1:A:47:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:47:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:47:GLY:N	3	3.57
(1,19)	2:B:53:ASP:H	1:A:47:GLY:O	3	3.57
(1,19)	2:B:53:ASP:H	1:A:48:LYS:C	3	3.57
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CB	3	3.57
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CD	3	3.57
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CE	3	3.57
(1,19)	2:B:53:ASP:H	1:A:48:LYS:CG	3	3.57
(1,19)	2:B:53:ASP:H	1:A:48:LYS:H	3	3.57
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HB2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HB3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HD2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HD3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HE2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HE3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HG2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HG3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HZ1	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HZ2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:48:LYS:HZ3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:48:LYS:N	3	3.57
(1,19)	2:B:53:ASP:H	1:A:48:LYS:NZ	3	3.57
(1,19)	2:B:53:ASP:H	1:A:48:LYS:O	3	3.57
(1,19)	2:B:53:ASP:H	1:A:49:GLN:C	3	3.57
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CB	3	3.57
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CD	3	3.57
(1,19)	2:B:53:ASP:H	1:A:49:GLN:CG	3	3.57
(1,19)	2:B:53:ASP:H	1:A:49:GLN:H	3	3.57
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HB2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HB3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HE21	3	3.57
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HE22	3	3.57
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HG2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:49:GLN:HG3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:49:GLN:N	3	3.57
(1,19)	2:B:53:ASP:H	1:A:49:GLN:NE2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:49:GLN:O	3	3.57
(1,19)	2:B:53:ASP:H	1:A:49:GLN:OE1	3	3.57
(1,19)	2:B:53:ASP:H	1:A:51:GLU:C	3	3.57
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CB	3	3.57
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CD	3	3.57
(1,19)	2:B:53:ASP:H	1:A:51:GLU:CG	3	3.57
(1,19)	2:B:53:ASP:H	1:A:51:GLU:H	3	3.57
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HB2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HB3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HG2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:51:GLU:HG3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:51:GLU:N	3	3.57
(1,19)	2:B:53:ASP:H	1:A:51:GLU:O	3	3.57
(1,19)	2:B:53:ASP:H	1:A:51:GLU:OE1	3	3.57
(1,19)	2:B:53:ASP:H	1:A:51:GLU:OE2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:52:ASP:C	3	3.57
(1,19)	2:B:53:ASP:H	1:A:52:ASP:CA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:52:ASP:CB	3	3.57
(1,19)	2:B:53:ASP:H	1:A:52:ASP:CG	3	3.57
(1,19)	2:B:53:ASP:H	1:A:52:ASP:H	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:52:ASP:HA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:52:ASP:HB2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:52:ASP:HB3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:52:ASP:N	3	3.57
(1,19)	2:B:53:ASP:H	1:A:52:ASP:O	3	3.57
(1,19)	2:B:53:ASP:H	1:A:52:ASP:OD1	3	3.57
(1,19)	2:B:53:ASP:H	1:A:52:ASP:OD2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:64:GLU:C	3	3.57
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CB	3	3.57
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CD	3	3.57
(1,19)	2:B:53:ASP:H	1:A:64:GLU:CG	3	3.57
(1,19)	2:B:53:ASP:H	1:A:64:GLU:H	3	3.57
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HB2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HB3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HG2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:64:GLU:HG3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:64:GLU:N	3	3.57
(1,19)	2:B:53:ASP:H	1:A:64:GLU:O	3	3.57
(1,19)	2:B:53:ASP:H	1:A:64:GLU:OE1	3	3.57
(1,19)	2:B:53:ASP:H	1:A:64:GLU:OE2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:68:HIS:C	3	3.57
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CB	3	3.57
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CD2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CE1	3	3.57
(1,19)	2:B:53:ASP:H	1:A:68:HIS:CG	3	3.57
(1,19)	2:B:53:ASP:H	1:A:68:HIS:H	3	3.57
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HB2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HB3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HD1	3	3.57
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HD2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HE1	3	3.57
(1,19)	2:B:53:ASP:H	1:A:68:HIS:HE2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:68:HIS:N	3	3.57
(1,19)	2:B:53:ASP:H	1:A:68:HIS:ND1	3	3.57
(1,19)	2:B:53:ASP:H	1:A:68:HIS:NE2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:68:HIS:O	3	3.57
(1,19)	2:B:53:ASP:H	1:A:71:LEU:C	3	3.57
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CA	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:71:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:H	1:A:71:LEU:H	3	3.57
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:H	1:A:71:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:H	1:A:71:LEU:N	3	3.57
(1,19)	2:B:53:ASP:H	1:A:71:LEU:O	3	3.57
(1,19)	2:B:53:ASP:H	1:A:72:ARG:C	3	3.57
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CB	3	3.57
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CD	3	3.57
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CG	3	3.57
(1,19)	2:B:53:ASP:H	1:A:72:ARG:CZ	3	3.57
(1,19)	2:B:53:ASP:H	1:A:72:ARG:H	3	3.57
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HB2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HB3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HD2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HD3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HE	3	3.57
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HG2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HG3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH11	3	3.57
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH12	3	3.57
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH21	3	3.57
(1,19)	2:B:53:ASP:H	1:A:72:ARG:HH22	3	3.57
(1,19)	2:B:53:ASP:H	1:A:72:ARG:N	3	3.57
(1,19)	2:B:53:ASP:H	1:A:72:ARG:NE	3	3.57
(1,19)	2:B:53:ASP:H	1:A:72:ARG:NH1	3	3.57
(1,19)	2:B:53:ASP:H	1:A:72:ARG:NH2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:72:ARG:O	3	3.57
(1,19)	2:B:53:ASP:H	1:A:73:LEU:C	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:73:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:H	1:A:73:LEU:H	3	3.57
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:H	1:A:73:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:H	1:A:73:LEU:N	3	3.57
(1,19)	2:B:53:ASP:H	1:A:73:LEU:O	3	3.57
(1,19)	2:B:53:ASP:H	1:A:74:ARG:C	3	3.57
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CB	3	3.57
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CD	3	3.57
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CG	3	3.57
(1,19)	2:B:53:ASP:H	1:A:74:ARG:CZ	3	3.57
(1,19)	2:B:53:ASP:H	1:A:74:ARG:H	3	3.57
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HB2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HB3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HD2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HD3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HE	3	3.57
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HG2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HG3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH11	3	3.57
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH12	3	3.57
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH21	3	3.57
(1,19)	2:B:53:ASP:H	1:A:74:ARG:HH22	3	3.57
(1,19)	2:B:53:ASP:H	1:A:74:ARG:N	3	3.57
(1,19)	2:B:53:ASP:H	1:A:74:ARG:NE	3	3.57
(1,19)	2:B:53:ASP:H	1:A:74:ARG:NH1	3	3.57
(1,19)	2:B:53:ASP:H	1:A:74:ARG:NH2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:74:ARG:O	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:H	1:A:75:GLY:C	3	3.57
(1,19)	2:B:53:ASP:H	1:A:75:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:75:GLY:H	3	3.57
(1,19)	2:B:53:ASP:H	1:A:75:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:75:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:75:GLY:N	3	3.57
(1,19)	2:B:53:ASP:H	1:A:75:GLY:O	3	3.57
(1,19)	2:B:53:ASP:H	1:A:76:GLY:C	3	3.57
(1,19)	2:B:53:ASP:H	1:A:76:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:H	1:A:76:GLY:H	3	3.57
(1,19)	2:B:53:ASP:H	1:A:76:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:H	1:A:76:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:H	1:A:76:GLY:N	3	3.57
(1,19)	2:B:53:ASP:H	1:A:76:GLY:O	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:C	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CB	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CD	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:CG	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:H	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HB2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HB3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HE21	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HE22	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HG2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:HG3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:N	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:NE2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:O	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:2:GLN:OE1	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:C	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:C	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CG	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:H	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:H	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:N	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:N	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:O	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:8:LEU:O	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:9:THR:C	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:9:THR:CA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:9:THR:CB	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:9:THR:CG2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:9:THR:H	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HB	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG1	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG21	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG22	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:9:THR:HG23	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:9:THR:N	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:9:THR:O	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:9:THR:OG1	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:C	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:H	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:N	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:10:GLY:O	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:C	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAB	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAC	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAD	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAI	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAJ	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAO	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAR	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CAS	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:CB	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:H	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:HA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:HAA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:HB3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:N	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:NAQ	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:O	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:OAH	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:SAL	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:12:3X9:SG	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:14:THR:C	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:14:THR:CA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:14:THR:CB	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:14:THR:CG2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:14:THR:H	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HB	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG1	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG21	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG22	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:14:THR:HG23	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:14:THR:N	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:14:THR:O	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:14:THR:OG1	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:C	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:CA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:CB	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:CG	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:H	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:HA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:HB2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:HB3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:N	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:O	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:OD1	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:39:ASP:OD2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:C	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CB	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CD1	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CG1	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:CG2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:H	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HB	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HD11	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HD12	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HD13	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG12	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG13	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG21	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG22	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:HG23	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:N	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:44:ILE:O	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:C	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:CA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:CB	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:H	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HB1	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HB2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:HB3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:N	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:46:ALA:O	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:C	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:H	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:N	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:47:GLY:O	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:C	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CB	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CD	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CE	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:CG	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:H	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HB2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HB3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HD2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HD3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HE2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HE3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HG2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HG3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HZ1	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HZ2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:HZ3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:N	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:NZ	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:48:LYS:O	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:C	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CB	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CD	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:CG	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:H	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HB2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HB3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HE21	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HE22	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HG2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:HG3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:N	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:NE2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:O	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:49:GLN:OE1	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:C	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CB	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CD	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:CG	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:H	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HB2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HB3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HG2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:HG3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:N	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:O	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:OE1	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:51:GLU:OE2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:C	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:CA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:CB	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:CG	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:H	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:HA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:HB2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:HB3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:N	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:O	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:OD1	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:52:ASP:OD2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:C	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CB	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CD	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:CG	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:H	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HB2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HB3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HG2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:HG3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:N	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:O	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:OE1	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:64:GLU:OE2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:C	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CB	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CD2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CE1	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:CG	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:H	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HB2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HB3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HD1	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HD2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HE1	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:HE2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:N	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:ND1	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:NE2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:68:HIS:O	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:C	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:H	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:N	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:71:LEU:O	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:C	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CA	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CB	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CD	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CG	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:CZ	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:H	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HB2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HB3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HD2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HD3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HE	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HG2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HG3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH11	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH12	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH21	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:HH22	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:N	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:NE	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:NH1	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:NH2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:72:ARG:O	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:C	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:H	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:N	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:73:LEU:O	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:C	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CB	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CD	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CG	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:CZ	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:H	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HB2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HB3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HD2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HD3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HE	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HG2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HG3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH11	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH12	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH21	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:HH22	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:N	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:NE	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:NH1	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:NH2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:74:ARG:O	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:C	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:H	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:N	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:75:GLY:O	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:C	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:H	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:N	3	3.57
(1,19)	2:B:53:ASP:HA	1:A:76:GLY:O	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:C	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CB	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CD	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:CG	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:H	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HB2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HB3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HE21	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HE22	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HG2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:HG3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:N	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:NE2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:O	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:2:GLN:OE1	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:C	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:C	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:H	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:H	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD22	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:N	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:N	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:O	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:8:LEU:O	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:C	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:CA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:CB	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:CG2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:H	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HB	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG1	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG21	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG22	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:HG23	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:N	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:O	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:9:THR:OG1	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:C	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:H	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:N	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:10:GLY:O	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:C	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAB	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAC	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAD	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAI	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAJ	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAO	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAR	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CAS	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:CB	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:H	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:HA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:HAA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:HB3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:N	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:NAQ	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:O	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:OAH	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:SAL	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:12:3X9:SG	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:C	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:CA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:CB	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:CG2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:H	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HB	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG1	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG21	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG22	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:HG23	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:N	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:O	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:14:THR:OG1	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:C	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:CA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:CB	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:CG	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:H	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:HA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:HB2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:HB3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:N	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:O	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:OD1	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:39:ASP:OD2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:C	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CB	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CD1	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CG1	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:CG2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:H	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HB	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HD11	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HD12	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HD13	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG12	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG13	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG21	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG22	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:HG23	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:N	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:44:ILE:O	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:C	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:CA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:CB	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:H	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HB1	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HB2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:HB3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:N	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:46:ALA:O	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:C	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:H	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:N	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:47:GLY:O	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:C	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CB	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CD	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CE	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:CG	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:H	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HB2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HB3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HD2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HD3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HE2	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HE3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HG2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HG3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HZ1	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HZ2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:HZ3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:N	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:NZ	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:48:LYS:O	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:C	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CB	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CD	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:CG	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:H	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HB2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HB3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HE21	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HE22	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HG2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:HG3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:N	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:NE2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:O	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:49:GLN:OE1	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:C	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CB	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CD	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:CG	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:H	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HB2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HB3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HG2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:HG3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:N	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:O	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:OE1	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:51:GLU:OE2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:C	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:CA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:CB	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:CG	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:H	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:HA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:HB2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:HB3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:N	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:O	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:OD1	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:52:ASP:OD2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:C	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CB	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CD	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:CG	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:H	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HB2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HB3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HG2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:HG3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:N	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:O	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:OE1	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:64:GLU:OE2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:C	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CB	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CD2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CE1	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:CG	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:H	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HB2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HB3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HD1	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HD2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HE1	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:HE2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:N	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:ND1	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:NE2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:68:HIS:O	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:C	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:H	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:N	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:71:LEU:O	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:C	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CB	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CD	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CG	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:CZ	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:H	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HB2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HB3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HD2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HD3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HE	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HG2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HG3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH11	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH12	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH21	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:HH22	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:N	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:NE	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:NH1	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:NH2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:72:ARG:O	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:C	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:H	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:N	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:73:LEU:O	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:C	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CB	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CD	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CG	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:CZ	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:H	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HB2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HB3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HD2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HD3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HE	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HG2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HG3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH11	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH12	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH21	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:HH22	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:N	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:NE	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:NH1	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:NH2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:74:ARG:O	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:C	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:H	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:N	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:75:GLY:O	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:C	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:H	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:N	3	3.57
(1,19)	2:B:53:ASP:HB2	1:A:76:GLY:O	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:C	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CB	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CD	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:CG	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:H	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HB2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HB3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HE21	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HE22	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HG2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:HG3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:N	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:NE2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:O	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:2:GLN:OE1	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:C	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:C	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD1	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:H	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:H	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:N	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:N	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:O	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:8:LEU:O	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:C	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:CA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:CB	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:CG2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:H	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HB	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG1	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG21	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG22	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:HG23	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:N	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:O	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:9:THR:OG1	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:C	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:H	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:N	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:10:GLY:O	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:C	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAB	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAC	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAD	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAI	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAJ	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAO	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAR	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CAS	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:CB	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:H	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:HA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:HAA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:HB3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:N	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:NAQ	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:O	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:OAH	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:SAL	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:12:3X9:SG	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:C	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:CA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:CB	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:CG2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:H	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HB	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG1	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG21	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG22	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:HG23	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:N	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:O	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:14:THR:OG1	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:C	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:CA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:CB	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:CG	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:H	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:HA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:HB2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:HB3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:N	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:O	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:OD1	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:39:ASP:OD2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:C	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CB	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CD1	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CG1	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:CG2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:H	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HB	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HD11	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HD12	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HD13	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG12	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG13	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG21	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG22	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:HG23	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:N	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:44:ILE:O	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:C	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:CA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:CB	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:H	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HB1	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HB2	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:HB3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:N	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:46:ALA:O	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:C	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:H	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:N	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:47:GLY:O	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:C	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CB	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CD	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CE	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:CG	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:H	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HB2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HB3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HD2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HD3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HE2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HE3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HG2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HG3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HZ1	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HZ2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:HZ3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:N	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:NZ	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:48:LYS:O	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:C	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CB	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CD	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:CG	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:H	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HB2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HB3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HE21	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HE22	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HG2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:HG3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:N	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:NE2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:O	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:49:GLN:OE1	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:C	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CB	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CD	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:CG	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:H	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HB2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HB3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HG2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:HG3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:N	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:O	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:OE1	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:51:GLU:OE2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:C	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:CA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:CB	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:CG	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:H	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:HA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:HB2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:HB3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:N	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:O	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:OD1	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:52:ASP:OD2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:C	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CB	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CD	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:CG	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:H	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HB2	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HB3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HG2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:HG3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:N	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:O	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:OE1	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:64:GLU:OE2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:C	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CB	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CD2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CE1	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:CG	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:H	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HB2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HB3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HD1	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HD2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HE1	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:HE2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:N	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:ND1	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:NE2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:68:HIS:O	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:C	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:H	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:HG	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:N	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:71:LEU:O	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:C	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CB	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CD	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CG	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:CZ	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:H	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HB2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HB3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HD2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HD3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HE	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HG2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HG3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH11	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH12	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH21	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:HH22	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:N	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:NE	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:NH1	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:NH2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:72:ARG:O	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:C	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:H	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HD23	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:N	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:73:LEU:O	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:C	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CB	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CD	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CG	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:CZ	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:H	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HB2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HB3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HD2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HD3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HE	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HG2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HG3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH11	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH12	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH21	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:HH22	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:N	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:NE	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:NH1	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:NH2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:74:ARG:O	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:C	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:H	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:N	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:75:GLY:O	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:C	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:H	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:N	3	3.57
(1,19)	2:B:53:ASP:HB3	1:A:76:GLY:O	3	3.57
(1,19)	2:B:53:ASP:N	1:A:2:GLN:C	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CB	3	3.57
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CD	3	3.57
(1,19)	2:B:53:ASP:N	1:A:2:GLN:CG	3	3.57
(1,19)	2:B:53:ASP:N	1:A:2:GLN:H	3	3.57
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HB2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HB3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HE21	3	3.57
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HE22	3	3.57
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HG2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:2:GLN:HG3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:2:GLN:N	3	3.57
(1,19)	2:B:53:ASP:N	1:A:2:GLN:NE2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:2:GLN:O	3	3.57
(1,19)	2:B:53:ASP:N	1:A:2:GLN:OE1	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:C	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:C	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:H	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:H	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD13	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:N	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:N	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:O	3	3.57
(1,19)	2:B:53:ASP:N	1:A:8:LEU:O	3	3.57
(1,19)	2:B:53:ASP:N	1:A:9:THR:C	3	3.57
(1,19)	2:B:53:ASP:N	1:A:9:THR:CA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:9:THR:CB	3	3.57
(1,19)	2:B:53:ASP:N	1:A:9:THR:CG2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:9:THR:H	3	3.57
(1,19)	2:B:53:ASP:N	1:A:9:THR:HA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:9:THR:HB	3	3.57
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG1	3	3.57
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG21	3	3.57
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG22	3	3.57
(1,19)	2:B:53:ASP:N	1:A:9:THR:HG23	3	3.57
(1,19)	2:B:53:ASP:N	1:A:9:THR:N	3	3.57
(1,19)	2:B:53:ASP:N	1:A:9:THR:O	3	3.57
(1,19)	2:B:53:ASP:N	1:A:9:THR:OG1	3	3.57
(1,19)	2:B:53:ASP:N	1:A:10:GLY:C	3	3.57
(1,19)	2:B:53:ASP:N	1:A:10:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:10:GLY:H	3	3.57
(1,19)	2:B:53:ASP:N	1:A:10:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:10:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:10:GLY:N	3	3.57
(1,19)	2:B:53:ASP:N	1:A:10:GLY:O	3	3.57
(1,19)	2:B:53:ASP:N	1:A:12:3X9:C	3	3.57
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAB	3	3.57
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAC	3	3.57
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAD	3	3.57
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAI	3	3.57
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAJ	3	3.57
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAO	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAR	3	3.57
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CAS	3	3.57
(1,19)	2:B:53:ASP:N	1:A:12:3X9:CB	3	3.57
(1,19)	2:B:53:ASP:N	1:A:12:3X9:H	3	3.57
(1,19)	2:B:53:ASP:N	1:A:12:3X9:HA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:12:3X9:HAA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:12:3X9:HB3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:12:3X9:N	3	3.57
(1,19)	2:B:53:ASP:N	1:A:12:3X9:NAQ	3	3.57
(1,19)	2:B:53:ASP:N	1:A:12:3X9:O	3	3.57
(1,19)	2:B:53:ASP:N	1:A:12:3X9:OAH	3	3.57
(1,19)	2:B:53:ASP:N	1:A:12:3X9:SAL	3	3.57
(1,19)	2:B:53:ASP:N	1:A:12:3X9:SG	3	3.57
(1,19)	2:B:53:ASP:N	1:A:14:THR:C	3	3.57
(1,19)	2:B:53:ASP:N	1:A:14:THR:CA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:14:THR:CB	3	3.57
(1,19)	2:B:53:ASP:N	1:A:14:THR:CG2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:14:THR:H	3	3.57
(1,19)	2:B:53:ASP:N	1:A:14:THR:HA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:14:THR:HB	3	3.57
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG1	3	3.57
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG21	3	3.57
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG22	3	3.57
(1,19)	2:B:53:ASP:N	1:A:14:THR:HG23	3	3.57
(1,19)	2:B:53:ASP:N	1:A:14:THR:N	3	3.57
(1,19)	2:B:53:ASP:N	1:A:14:THR:O	3	3.57
(1,19)	2:B:53:ASP:N	1:A:14:THR:OG1	3	3.57
(1,19)	2:B:53:ASP:N	1:A:39:ASP:C	3	3.57
(1,19)	2:B:53:ASP:N	1:A:39:ASP:CA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:39:ASP:CB	3	3.57
(1,19)	2:B:53:ASP:N	1:A:39:ASP:CG	3	3.57
(1,19)	2:B:53:ASP:N	1:A:39:ASP:H	3	3.57
(1,19)	2:B:53:ASP:N	1:A:39:ASP:HA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:39:ASP:HB2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:39:ASP:HB3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:39:ASP:N	3	3.57
(1,19)	2:B:53:ASP:N	1:A:39:ASP:O	3	3.57
(1,19)	2:B:53:ASP:N	1:A:39:ASP:OD1	3	3.57
(1,19)	2:B:53:ASP:N	1:A:39:ASP:OD2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:44:ILE:C	3	3.57
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CB	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CD1	3	3.57
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CG1	3	3.57
(1,19)	2:B:53:ASP:N	1:A:44:ILE:CG2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:44:ILE:H	3	3.57
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HB	3	3.57
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HD11	3	3.57
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HD12	3	3.57
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HD13	3	3.57
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG12	3	3.57
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG13	3	3.57
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG21	3	3.57
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG22	3	3.57
(1,19)	2:B:53:ASP:N	1:A:44:ILE:HG23	3	3.57
(1,19)	2:B:53:ASP:N	1:A:44:ILE:N	3	3.57
(1,19)	2:B:53:ASP:N	1:A:44:ILE:O	3	3.57
(1,19)	2:B:53:ASP:N	1:A:46:ALA:C	3	3.57
(1,19)	2:B:53:ASP:N	1:A:46:ALA:CA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:46:ALA:CB	3	3.57
(1,19)	2:B:53:ASP:N	1:A:46:ALA:H	3	3.57
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HB1	3	3.57
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HB2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:46:ALA:HB3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:46:ALA:N	3	3.57
(1,19)	2:B:53:ASP:N	1:A:46:ALA:O	3	3.57
(1,19)	2:B:53:ASP:N	1:A:47:GLY:C	3	3.57
(1,19)	2:B:53:ASP:N	1:A:47:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:47:GLY:H	3	3.57
(1,19)	2:B:53:ASP:N	1:A:47:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:47:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:47:GLY:N	3	3.57
(1,19)	2:B:53:ASP:N	1:A:47:GLY:O	3	3.57
(1,19)	2:B:53:ASP:N	1:A:48:LYS:C	3	3.57
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CB	3	3.57
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CD	3	3.57
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CE	3	3.57
(1,19)	2:B:53:ASP:N	1:A:48:LYS:CG	3	3.57
(1,19)	2:B:53:ASP:N	1:A:48:LYS:H	3	3.57
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HB2	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HB3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HD2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HD3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HE2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HE3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HG2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HG3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HZ1	3	3.57
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HZ2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:48:LYS:HZ3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:48:LYS:N	3	3.57
(1,19)	2:B:53:ASP:N	1:A:48:LYS:NZ	3	3.57
(1,19)	2:B:53:ASP:N	1:A:48:LYS:O	3	3.57
(1,19)	2:B:53:ASP:N	1:A:49:GLN:C	3	3.57
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CB	3	3.57
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CD	3	3.57
(1,19)	2:B:53:ASP:N	1:A:49:GLN:CG	3	3.57
(1,19)	2:B:53:ASP:N	1:A:49:GLN:H	3	3.57
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HB2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HB3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HE21	3	3.57
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HE22	3	3.57
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HG2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:49:GLN:HG3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:49:GLN:N	3	3.57
(1,19)	2:B:53:ASP:N	1:A:49:GLN:NE2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:49:GLN:O	3	3.57
(1,19)	2:B:53:ASP:N	1:A:49:GLN:OE1	3	3.57
(1,19)	2:B:53:ASP:N	1:A:51:GLU:C	3	3.57
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CB	3	3.57
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CD	3	3.57
(1,19)	2:B:53:ASP:N	1:A:51:GLU:CG	3	3.57
(1,19)	2:B:53:ASP:N	1:A:51:GLU:H	3	3.57
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HB2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HB3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HG2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:51:GLU:HG3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:51:GLU:N	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:51:GLU:O	3	3.57
(1,19)	2:B:53:ASP:N	1:A:51:GLU:OE1	3	3.57
(1,19)	2:B:53:ASP:N	1:A:51:GLU:OE2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:52:ASP:C	3	3.57
(1,19)	2:B:53:ASP:N	1:A:52:ASP:CA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:52:ASP:CB	3	3.57
(1,19)	2:B:53:ASP:N	1:A:52:ASP:CG	3	3.57
(1,19)	2:B:53:ASP:N	1:A:52:ASP:H	3	3.57
(1,19)	2:B:53:ASP:N	1:A:52:ASP:HA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:52:ASP:HB2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:52:ASP:HB3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:52:ASP:N	3	3.57
(1,19)	2:B:53:ASP:N	1:A:52:ASP:O	3	3.57
(1,19)	2:B:53:ASP:N	1:A:52:ASP:OD1	3	3.57
(1,19)	2:B:53:ASP:N	1:A:52:ASP:OD2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:64:GLU:C	3	3.57
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CB	3	3.57
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CD	3	3.57
(1,19)	2:B:53:ASP:N	1:A:64:GLU:CG	3	3.57
(1,19)	2:B:53:ASP:N	1:A:64:GLU:H	3	3.57
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HB2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HB3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HG2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:64:GLU:HG3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:64:GLU:N	3	3.57
(1,19)	2:B:53:ASP:N	1:A:64:GLU:O	3	3.57
(1,19)	2:B:53:ASP:N	1:A:64:GLU:OE1	3	3.57
(1,19)	2:B:53:ASP:N	1:A:64:GLU:OE2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:68:HIS:C	3	3.57
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CB	3	3.57
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CD2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CE1	3	3.57
(1,19)	2:B:53:ASP:N	1:A:68:HIS:CG	3	3.57
(1,19)	2:B:53:ASP:N	1:A:68:HIS:H	3	3.57
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HB2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HB3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HD1	3	3.57
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HD2	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HE1	3	3.57
(1,19)	2:B:53:ASP:N	1:A:68:HIS:HE2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:68:HIS:N	3	3.57
(1,19)	2:B:53:ASP:N	1:A:68:HIS:ND1	3	3.57
(1,19)	2:B:53:ASP:N	1:A:68:HIS:NE2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:68:HIS:O	3	3.57
(1,19)	2:B:53:ASP:N	1:A:71:LEU:C	3	3.57
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:71:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:N	1:A:71:LEU:H	3	3.57
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:N	1:A:71:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:N	1:A:71:LEU:N	3	3.57
(1,19)	2:B:53:ASP:N	1:A:71:LEU:O	3	3.57
(1,19)	2:B:53:ASP:N	1:A:72:ARG:C	3	3.57
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CB	3	3.57
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CD	3	3.57
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CG	3	3.57
(1,19)	2:B:53:ASP:N	1:A:72:ARG:CZ	3	3.57
(1,19)	2:B:53:ASP:N	1:A:72:ARG:H	3	3.57
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HB2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HB3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HD2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HD3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HE	3	3.57
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HG2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HG3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH11	3	3.57
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH12	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH21	3	3.57
(1,19)	2:B:53:ASP:N	1:A:72:ARG:HH22	3	3.57
(1,19)	2:B:53:ASP:N	1:A:72:ARG:N	3	3.57
(1,19)	2:B:53:ASP:N	1:A:72:ARG:NE	3	3.57
(1,19)	2:B:53:ASP:N	1:A:72:ARG:NH1	3	3.57
(1,19)	2:B:53:ASP:N	1:A:72:ARG:NH2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:72:ARG:O	3	3.57
(1,19)	2:B:53:ASP:N	1:A:73:LEU:C	3	3.57
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:73:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:N	1:A:73:LEU:H	3	3.57
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:N	1:A:73:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:N	1:A:73:LEU:N	3	3.57
(1,19)	2:B:53:ASP:N	1:A:73:LEU:O	3	3.57
(1,19)	2:B:53:ASP:N	1:A:74:ARG:C	3	3.57
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CB	3	3.57
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CD	3	3.57
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CG	3	3.57
(1,19)	2:B:53:ASP:N	1:A:74:ARG:CZ	3	3.57
(1,19)	2:B:53:ASP:N	1:A:74:ARG:H	3	3.57
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HB2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HB3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HD2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HD3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HE	3	3.57
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HG2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HG3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH11	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH12	3	3.57
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH21	3	3.57
(1,19)	2:B:53:ASP:N	1:A:74:ARG:HH22	3	3.57
(1,19)	2:B:53:ASP:N	1:A:74:ARG:N	3	3.57
(1,19)	2:B:53:ASP:N	1:A:74:ARG:NE	3	3.57
(1,19)	2:B:53:ASP:N	1:A:74:ARG:NH1	3	3.57
(1,19)	2:B:53:ASP:N	1:A:74:ARG:NH2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:74:ARG:O	3	3.57
(1,19)	2:B:53:ASP:N	1:A:75:GLY:C	3	3.57
(1,19)	2:B:53:ASP:N	1:A:75:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:75:GLY:H	3	3.57
(1,19)	2:B:53:ASP:N	1:A:75:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:75:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:75:GLY:N	3	3.57
(1,19)	2:B:53:ASP:N	1:A:75:GLY:O	3	3.57
(1,19)	2:B:53:ASP:N	1:A:76:GLY:C	3	3.57
(1,19)	2:B:53:ASP:N	1:A:76:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:N	1:A:76:GLY:H	3	3.57
(1,19)	2:B:53:ASP:N	1:A:76:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:N	1:A:76:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:N	1:A:76:GLY:N	3	3.57
(1,19)	2:B:53:ASP:N	1:A:76:GLY:O	3	3.57
(1,19)	2:B:53:ASP:O	1:A:2:GLN:C	3	3.57
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CB	3	3.57
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CD	3	3.57
(1,19)	2:B:53:ASP:O	1:A:2:GLN:CG	3	3.57
(1,19)	2:B:53:ASP:O	1:A:2:GLN:H	3	3.57
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HB2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HB3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HE21	3	3.57
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HE22	3	3.57
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HG2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:2:GLN:HG3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:2:GLN:N	3	3.57
(1,19)	2:B:53:ASP:O	1:A:2:GLN:NE2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:2:GLN:O	3	3.57
(1,19)	2:B:53:ASP:O	1:A:2:GLN:OE1	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:C	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:C	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CA	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:H	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:H	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:N	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:N	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:O	3	3.57
(1,19)	2:B:53:ASP:O	1:A:8:LEU:O	3	3.57
(1,19)	2:B:53:ASP:O	1:A:9:THR:C	3	3.57
(1,19)	2:B:53:ASP:O	1:A:9:THR:CA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:9:THR:CB	3	3.57
(1,19)	2:B:53:ASP:O	1:A:9:THR:CG2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:9:THR:H	3	3.57
(1,19)	2:B:53:ASP:O	1:A:9:THR:HA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:9:THR:HB	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG1	3	3.57
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG21	3	3.57
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG22	3	3.57
(1,19)	2:B:53:ASP:O	1:A:9:THR:HG23	3	3.57
(1,19)	2:B:53:ASP:O	1:A:9:THR:N	3	3.57
(1,19)	2:B:53:ASP:O	1:A:9:THR:O	3	3.57
(1,19)	2:B:53:ASP:O	1:A:9:THR:OG1	3	3.57
(1,19)	2:B:53:ASP:O	1:A:10:GLY:C	3	3.57
(1,19)	2:B:53:ASP:O	1:A:10:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:10:GLY:H	3	3.57
(1,19)	2:B:53:ASP:O	1:A:10:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:10:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:10:GLY:N	3	3.57
(1,19)	2:B:53:ASP:O	1:A:10:GLY:O	3	3.57
(1,19)	2:B:53:ASP:O	1:A:12:3X9:C	3	3.57
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAB	3	3.57
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAC	3	3.57
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAD	3	3.57
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAI	3	3.57
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAJ	3	3.57
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAO	3	3.57
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAR	3	3.57
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CAS	3	3.57
(1,19)	2:B:53:ASP:O	1:A:12:3X9:CB	3	3.57
(1,19)	2:B:53:ASP:O	1:A:12:3X9:H	3	3.57
(1,19)	2:B:53:ASP:O	1:A:12:3X9:HA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:12:3X9:HAA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:12:3X9:HB3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:12:3X9:N	3	3.57
(1,19)	2:B:53:ASP:O	1:A:12:3X9:NAQ	3	3.57
(1,19)	2:B:53:ASP:O	1:A:12:3X9:O	3	3.57
(1,19)	2:B:53:ASP:O	1:A:12:3X9:OAH	3	3.57
(1,19)	2:B:53:ASP:O	1:A:12:3X9:SAL	3	3.57
(1,19)	2:B:53:ASP:O	1:A:12:3X9:SG	3	3.57
(1,19)	2:B:53:ASP:O	1:A:14:THR:C	3	3.57
(1,19)	2:B:53:ASP:O	1:A:14:THR:CA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:14:THR:CB	3	3.57
(1,19)	2:B:53:ASP:O	1:A:14:THR:CG2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:14:THR:H	3	3.57
(1,19)	2:B:53:ASP:O	1:A:14:THR:HA	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:14:THR:HB	3	3.57
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG1	3	3.57
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG21	3	3.57
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG22	3	3.57
(1,19)	2:B:53:ASP:O	1:A:14:THR:HG23	3	3.57
(1,19)	2:B:53:ASP:O	1:A:14:THR:N	3	3.57
(1,19)	2:B:53:ASP:O	1:A:14:THR:O	3	3.57
(1,19)	2:B:53:ASP:O	1:A:14:THR:OG1	3	3.57
(1,19)	2:B:53:ASP:O	1:A:39:ASP:C	3	3.57
(1,19)	2:B:53:ASP:O	1:A:39:ASP:CA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:39:ASP:CB	3	3.57
(1,19)	2:B:53:ASP:O	1:A:39:ASP:CG	3	3.57
(1,19)	2:B:53:ASP:O	1:A:39:ASP:H	3	3.57
(1,19)	2:B:53:ASP:O	1:A:39:ASP:HA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:39:ASP:HB2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:39:ASP:HB3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:39:ASP:N	3	3.57
(1,19)	2:B:53:ASP:O	1:A:39:ASP:O	3	3.57
(1,19)	2:B:53:ASP:O	1:A:39:ASP:OD1	3	3.57
(1,19)	2:B:53:ASP:O	1:A:39:ASP:OD2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:44:ILE:C	3	3.57
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CB	3	3.57
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CD1	3	3.57
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CG1	3	3.57
(1,19)	2:B:53:ASP:O	1:A:44:ILE:CG2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:44:ILE:H	3	3.57
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HB	3	3.57
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HD11	3	3.57
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HD12	3	3.57
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HD13	3	3.57
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG12	3	3.57
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG13	3	3.57
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG21	3	3.57
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG22	3	3.57
(1,19)	2:B:53:ASP:O	1:A:44:ILE:HG23	3	3.57
(1,19)	2:B:53:ASP:O	1:A:44:ILE:N	3	3.57
(1,19)	2:B:53:ASP:O	1:A:44:ILE:O	3	3.57
(1,19)	2:B:53:ASP:O	1:A:46:ALA:C	3	3.57
(1,19)	2:B:53:ASP:O	1:A:46:ALA:CA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:46:ALA:CB	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:46:ALA:H	3	3.57
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HB1	3	3.57
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HB2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:46:ALA:HB3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:46:ALA:N	3	3.57
(1,19)	2:B:53:ASP:O	1:A:46:ALA:O	3	3.57
(1,19)	2:B:53:ASP:O	1:A:47:GLY:C	3	3.57
(1,19)	2:B:53:ASP:O	1:A:47:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:47:GLY:H	3	3.57
(1,19)	2:B:53:ASP:O	1:A:47:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:47:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:47:GLY:N	3	3.57
(1,19)	2:B:53:ASP:O	1:A:47:GLY:O	3	3.57
(1,19)	2:B:53:ASP:O	1:A:48:LYS:C	3	3.57
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CB	3	3.57
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CD	3	3.57
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CE	3	3.57
(1,19)	2:B:53:ASP:O	1:A:48:LYS:CG	3	3.57
(1,19)	2:B:53:ASP:O	1:A:48:LYS:H	3	3.57
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HB2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HB3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HD2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HD3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HE2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HE3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HG2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HG3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HZ1	3	3.57
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HZ2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:48:LYS:HZ3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:48:LYS:N	3	3.57
(1,19)	2:B:53:ASP:O	1:A:48:LYS:NZ	3	3.57
(1,19)	2:B:53:ASP:O	1:A:48:LYS:O	3	3.57
(1,19)	2:B:53:ASP:O	1:A:49:GLN:C	3	3.57
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CB	3	3.57
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CD	3	3.57
(1,19)	2:B:53:ASP:O	1:A:49:GLN:CG	3	3.57
(1,19)	2:B:53:ASP:O	1:A:49:GLN:H	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HB2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HB3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HE21	3	3.57
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HE22	3	3.57
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HG2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:49:GLN:HG3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:49:GLN:N	3	3.57
(1,19)	2:B:53:ASP:O	1:A:49:GLN:NE2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:49:GLN:O	3	3.57
(1,19)	2:B:53:ASP:O	1:A:49:GLN:OE1	3	3.57
(1,19)	2:B:53:ASP:O	1:A:51:GLU:C	3	3.57
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CB	3	3.57
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CD	3	3.57
(1,19)	2:B:53:ASP:O	1:A:51:GLU:CG	3	3.57
(1,19)	2:B:53:ASP:O	1:A:51:GLU:H	3	3.57
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HB2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HB3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HG2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:51:GLU:HG3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:51:GLU:N	3	3.57
(1,19)	2:B:53:ASP:O	1:A:51:GLU:O	3	3.57
(1,19)	2:B:53:ASP:O	1:A:51:GLU:OE1	3	3.57
(1,19)	2:B:53:ASP:O	1:A:51:GLU:OE2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:52:ASP:C	3	3.57
(1,19)	2:B:53:ASP:O	1:A:52:ASP:CA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:52:ASP:CB	3	3.57
(1,19)	2:B:53:ASP:O	1:A:52:ASP:CG	3	3.57
(1,19)	2:B:53:ASP:O	1:A:52:ASP:H	3	3.57
(1,19)	2:B:53:ASP:O	1:A:52:ASP:HA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:52:ASP:HB2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:52:ASP:HB3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:52:ASP:N	3	3.57
(1,19)	2:B:53:ASP:O	1:A:52:ASP:O	3	3.57
(1,19)	2:B:53:ASP:O	1:A:52:ASP:OD1	3	3.57
(1,19)	2:B:53:ASP:O	1:A:52:ASP:OD2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:64:GLU:C	3	3.57
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CB	3	3.57
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CD	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:64:GLU:CG	3	3.57
(1,19)	2:B:53:ASP:O	1:A:64:GLU:H	3	3.57
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HB2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HB3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HG2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:64:GLU:HG3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:64:GLU:N	3	3.57
(1,19)	2:B:53:ASP:O	1:A:64:GLU:O	3	3.57
(1,19)	2:B:53:ASP:O	1:A:64:GLU:OE1	3	3.57
(1,19)	2:B:53:ASP:O	1:A:64:GLU:OE2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:68:HIS:C	3	3.57
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CB	3	3.57
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CD2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CE1	3	3.57
(1,19)	2:B:53:ASP:O	1:A:68:HIS:CG	3	3.57
(1,19)	2:B:53:ASP:O	1:A:68:HIS:H	3	3.57
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HB2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HB3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HD1	3	3.57
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HD2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HE1	3	3.57
(1,19)	2:B:53:ASP:O	1:A:68:HIS:HE2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:68:HIS:N	3	3.57
(1,19)	2:B:53:ASP:O	1:A:68:HIS:ND1	3	3.57
(1,19)	2:B:53:ASP:O	1:A:68:HIS:NE2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:68:HIS:O	3	3.57
(1,19)	2:B:53:ASP:O	1:A:71:LEU:C	3	3.57
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:71:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:O	1:A:71:LEU:H	3	3.57
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD13	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:O	1:A:71:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:O	1:A:71:LEU:N	3	3.57
(1,19)	2:B:53:ASP:O	1:A:71:LEU:O	3	3.57
(1,19)	2:B:53:ASP:O	1:A:72:ARG:C	3	3.57
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CB	3	3.57
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CD	3	3.57
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CG	3	3.57
(1,19)	2:B:53:ASP:O	1:A:72:ARG:CZ	3	3.57
(1,19)	2:B:53:ASP:O	1:A:72:ARG:H	3	3.57
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HB2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HB3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HD2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HD3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HE	3	3.57
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HG2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HG3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH11	3	3.57
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH12	3	3.57
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH21	3	3.57
(1,19)	2:B:53:ASP:O	1:A:72:ARG:HH22	3	3.57
(1,19)	2:B:53:ASP:O	1:A:72:ARG:N	3	3.57
(1,19)	2:B:53:ASP:O	1:A:72:ARG:NE	3	3.57
(1,19)	2:B:53:ASP:O	1:A:72:ARG:NH1	3	3.57
(1,19)	2:B:53:ASP:O	1:A:72:ARG:NH2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:72:ARG:O	3	3.57
(1,19)	2:B:53:ASP:O	1:A:73:LEU:C	3	3.57
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:73:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:O	1:A:73:LEU:H	3	3.57
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD12	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:O	1:A:73:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:O	1:A:73:LEU:N	3	3.57
(1,19)	2:B:53:ASP:O	1:A:73:LEU:O	3	3.57
(1,19)	2:B:53:ASP:O	1:A:74:ARG:C	3	3.57
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CB	3	3.57
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CD	3	3.57
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CG	3	3.57
(1,19)	2:B:53:ASP:O	1:A:74:ARG:CZ	3	3.57
(1,19)	2:B:53:ASP:O	1:A:74:ARG:H	3	3.57
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HB2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HB3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HD2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HD3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HE	3	3.57
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HG2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HG3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH11	3	3.57
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH12	3	3.57
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH21	3	3.57
(1,19)	2:B:53:ASP:O	1:A:74:ARG:HH22	3	3.57
(1,19)	2:B:53:ASP:O	1:A:74:ARG:N	3	3.57
(1,19)	2:B:53:ASP:O	1:A:74:ARG:NE	3	3.57
(1,19)	2:B:53:ASP:O	1:A:74:ARG:NH1	3	3.57
(1,19)	2:B:53:ASP:O	1:A:74:ARG:NH2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:74:ARG:O	3	3.57
(1,19)	2:B:53:ASP:O	1:A:75:GLY:C	3	3.57
(1,19)	2:B:53:ASP:O	1:A:75:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:75:GLY:H	3	3.57
(1,19)	2:B:53:ASP:O	1:A:75:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:O	1:A:75:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:75:GLY:N	3	3.57
(1,19)	2:B:53:ASP:O	1:A:75:GLY:O	3	3.57
(1,19)	2:B:53:ASP:O	1:A:76:GLY:C	3	3.57
(1,19)	2:B:53:ASP:O	1:A:76:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:O	1:A:76:GLY:H	3	3.57
(1,19)	2:B:53:ASP:O	1:A:76:GLY:HA2	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:O	1:A:76:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:O	1:A:76:GLY:N	3	3.57
(1,19)	2:B:53:ASP:O	1:A:76:GLY:O	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:C	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CB	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CD	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:CG	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:H	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HB2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HB3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HE21	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HE22	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HG2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:HG3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:N	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:NE2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:O	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:2:GLN:OE1	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:C	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:C	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:H	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:H	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD11	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:N	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:N	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:O	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:8:LEU:O	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:C	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:CA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:CB	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:CG2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:H	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HB	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG1	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG21	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG22	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:HG23	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:N	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:O	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:9:THR:OG1	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:C	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:H	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:N	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:10:GLY:O	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:C	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAB	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAC	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAD	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAI	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAJ	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAO	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAR	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CAS	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:CB	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:H	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:HA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:HAA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:HB3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:N	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:NAQ	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:O	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:OAH	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:SAL	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:12:3X9:SG	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:C	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:CA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:CB	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:CG2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:H	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HB	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG1	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG21	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG22	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:HG23	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:N	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:O	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:14:THR:OG1	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:C	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:CA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:CB	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:CG	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:H	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:HA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:HB2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:HB3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:N	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:O	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:OD1	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:39:ASP:OD2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:C	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CB	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CD1	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CG1	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:CG2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:H	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HB	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HD11	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HD12	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HD13	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG12	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG13	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG21	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG22	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:HG23	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:N	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:44:ILE:O	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:C	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:CA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:CB	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:H	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HB1	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HB2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:HB3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:N	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:46:ALA:O	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:C	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:H	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:N	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:47:GLY:O	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:C	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CB	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CD	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CE	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:CG	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:H	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HB2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HB3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HD2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HD3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HE2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HE3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HG2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HG3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HZ1	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HZ2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:HZ3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:N	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:NZ	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:48:LYS:O	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:C	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CB	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CD	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:CG	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:H	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HB2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HB3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HE21	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HE22	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HG2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:HG3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:N	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:NE2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:O	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:49:GLN:OE1	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:C	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CB	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CD	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:CG	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:H	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HB2	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HB3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HG2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:HG3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:N	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:O	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:OE1	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:51:GLU:OE2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:C	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:CA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:CB	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:CG	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:H	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:HA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:HB2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:HB3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:N	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:O	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:OD1	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:52:ASP:OD2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:C	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CB	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CD	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:CG	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:H	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HB2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HB3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HG2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:HG3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:N	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:O	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:OE1	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:64:GLU:OE2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:C	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CB	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CD2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CE1	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:CG	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:H	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HA	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HB2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HB3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HD1	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HD2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HE1	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:HE2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:N	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:ND1	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:NE2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:68:HIS:O	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:C	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:H	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:N	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:71:LEU:O	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:C	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CB	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CD	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CG	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:CZ	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:H	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HB2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HB3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HD2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HD3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HE	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HG2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HG3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH11	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH12	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH21	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:HH22	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:N	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:NE	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:NH1	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:NH2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:72:ARG:O	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:C	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:H	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:N	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:73:LEU:O	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:C	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CB	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CD	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CG	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:CZ	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:H	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HB2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HB3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HD2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HD3	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HE	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HG2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HG3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH11	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH12	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH21	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:HH22	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:N	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:NE	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:NH1	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:NH2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:74:ARG:O	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:C	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:H	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:N	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:75:GLY:O	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:C	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:H	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:N	3	3.57
(1,19)	2:B:53:ASP:OD1	1:A:76:GLY:O	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:C	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CB	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CD	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:CG	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:H	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HB2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HB3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HE21	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HE22	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HG2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:HG3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:N	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:NE2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:O	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:2:GLN:OE1	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:C	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:C	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:H	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:H	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:N	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:N	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:O	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:8:LEU:O	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:C	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:CA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:CB	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:CG2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:H	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HB	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG1	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG21	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG22	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:HG23	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:N	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:O	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:9:THR:OG1	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:C	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:H	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:N	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:10:GLY:O	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:C	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAB	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAC	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAD	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAI	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAJ	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAO	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAR	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CAS	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:CB	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:H	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:HA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:HAA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:HB3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:N	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:NAQ	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:O	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:OAH	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:SAL	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:12:3X9:SG	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:C	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:CA	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:CB	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:CG2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:H	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HB	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG1	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG21	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG22	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:HG23	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:N	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:O	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:14:THR:OG1	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:C	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:CA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:CB	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:CG	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:H	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:HA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:HB2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:HB3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:N	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:O	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:OD1	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:39:ASP:OD2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:C	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CB	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CD1	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CG1	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:CG2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:H	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HB	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HD11	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HD12	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HD13	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG12	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG13	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG21	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG22	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:HG23	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:N	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:44:ILE:O	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:C	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:CA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:CB	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:H	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HB1	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HB2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:HB3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:N	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:46:ALA:O	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:C	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:H	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:N	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:47:GLY:O	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:C	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CB	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CD	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CE	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:CG	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:H	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HB2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HB3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HD2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HD3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HE2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HE3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HG2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HG3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HZ1	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HZ2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:HZ3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:N	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:NZ	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:48:LYS:O	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:C	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CA	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CB	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CD	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:CG	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:H	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HB2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HB3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HE21	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HE22	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HG2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:HG3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:N	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:NE2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:O	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:49:GLN:OE1	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:C	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CB	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CD	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:CG	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:H	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HB2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HB3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HG2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:HG3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:N	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:O	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:OE1	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:51:GLU:OE2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:C	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:CA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:CB	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:CG	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:H	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:HA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:HB2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:HB3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:N	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:O	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:OD1	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:52:ASP:OD2	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:C	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CB	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CD	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:CG	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:H	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HB2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HB3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HG2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:HG3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:N	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:O	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:OE1	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:64:GLU:OE2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:C	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CB	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CD2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CE1	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:CG	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:H	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HB2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HB3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HD1	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HD2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HE1	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:HE2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:N	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:ND1	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:NE2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:68:HIS:O	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:C	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:H	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HB2	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:N	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:71:LEU:O	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:C	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CB	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CD	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CG	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:CZ	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:H	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HB2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HB3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HD2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HD3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HE	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HG2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HG3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH11	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH12	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH21	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:HH22	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:N	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:NE	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:NH1	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:NH2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:72:ARG:O	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:C	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CB	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CD1	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CD2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:CG	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:H	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HA	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HB2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HB3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD11	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD12	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD13	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD21	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD22	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HD23	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:HG	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:N	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:73:LEU:O	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:C	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CB	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CD	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CG	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:CZ	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:H	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HB2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HB3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HD2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HD3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HE	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HG2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HG3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH11	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH12	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH21	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:HH22	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:N	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:NE	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:NH1	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:NH2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:74:ARG:O	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:C	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:H	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:N	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:75:GLY:O	3	3.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:C	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:CA	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:H	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:HA2	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:HA3	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:N	3	3.57
(1,19)	2:B:53:ASP:OD2	1:A:76:GLY:O	3	3.57
(2,6)	1:A:12:3X9:OAH	2:B:51:ILE:H	3	2.33
(2,2)	1:A:12:3X9:OAH	2:B:5:ILE:H	8	1.9

10 Dihedral-angle violation analysis (i)

No dihedral-angle restraints found