wwPDB NMR Structure Validation Summary Report

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PDB ID	:	7C1M
BMRB ID	:	36353
Title	:	Complex structure of tyrosinated alpha-tubulin carboxy-terminal peptide and A1aY1 binder
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Deposited on	:	2020-05-05

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

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

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

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

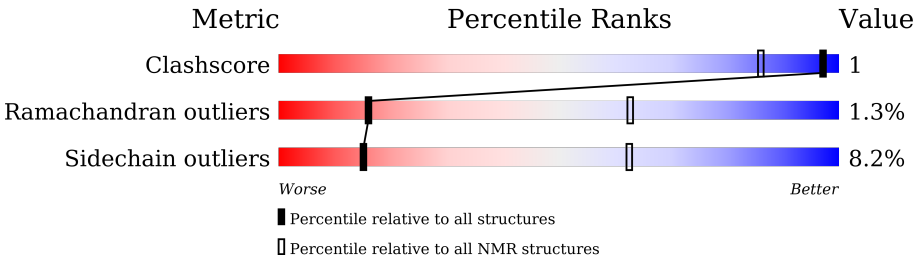
MolProbity	:	4.02b-467
Percentile statistics	:	20191225.v01 (using entries in the PDB archive December 25th 2019)
wwPDB-RCI	:	v_1n_11_5_13_A (Berjanski et al., 2005)
PANAV	:	Wang et al. (2010)
wwPDB-ShiftChecker	:	v1.2
BMRB Restraints Analysis	:	v1.2
Ideal geometry (proteins)	:	Engh & Huber (2001)
Ideal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

1 Overall quality at a glance (i)

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

The overall completeness of chemical shifts assignment is 52%.

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



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

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

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

2 Ensemble composition and analysis (i)

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

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

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

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

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

NmrClust was unable to cluster the ensemble.

Error message: Inconsistent models

3 Entry composition (i)

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

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

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

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

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

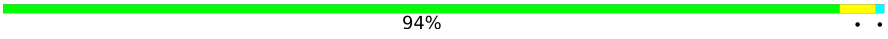
4 Residue-property plots

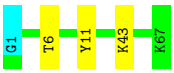
4.1 Average score per residue in the NMR ensemble

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

• Molecule 1: Nanobody binder from SSO7d library

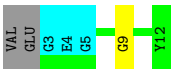
Chain A:





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

Chain B:

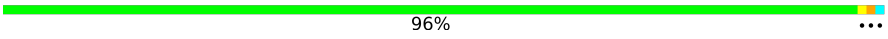


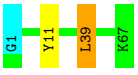
4.2 Residue scores for the representative (medoid) model from the NMR ensemble

The representative model is number 6. Colouring as in section 4.1 above.

• Molecule 1: Nanobody binder from SSO7d library

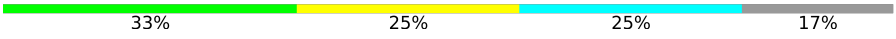
Chain A:

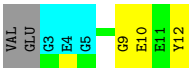




• Molecule 2: Carboxy-terminal peptide from tyrosinated alpha-tubulin

Chain B:





5 Refinement protocol and experimental data overview

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

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

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

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

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

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

6 Model quality

6.1 Standard geometry

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

There are no bond-length outliers.

There are no bond-angle outliers.

There are no chirality outliers.

There are no planarity outliers.

6.2 Too-close contacts

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

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

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

5 of 10 unique clashes are listed below, sorted by their clash magnitude.

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:58:LEU:O	1:A:62:LEU:HG	0.48	2.09	13	2
1:A:7:VAL:HB	1:A:9:PHE:CZ	0.44	2.47	17	1
1:A:37:TYR:O	1:A:44:ALA:HB1	0.43	2.14	1	2
1:A:14:GLU:OE2	1:A:16:LYS:HE2	0.42	2.15	11	1
1:A:33:ILE:O	1:A:48:MET:HA	0.41	2.15	19	3

6.3 Torsion angles

6.3.1 Protein backbone

In the following table, the Percentiles column shows the percent Ramachandran outliers of the chain as a percentile score with respect to all PDB entries followed by that with respect to all NMR

entries. The Analysed column shows the number of residues for which the backbone conformation was analysed and the total number of residues.

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

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

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

6.3.2 Protein sidechains (i)

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

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

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

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

6.3.3 RNA (i)

There are no RNA molecules in this entry.

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

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

6.5 Carbohydrates (i)

There are no monosaccharides in this entry.

6.6 Ligand geometry (i)

There are no ligands in this entry.

6.7 Other polymers (i)

There are no such molecules in this entry.

6.8 Polymer linkage issues (i)

There are no chain breaks in this entry.

7 Chemical shift validation

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

7.1 Chemical shift list 1

File name: working_cs.cif

Chemical shift list name: *D_1300016862_cs_P1.str*

7.1.1 Bookkeeping

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

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

7.1.2 Chemical shift referencing

The following table shows the suggested chemical shift referencing corrections.

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

7.1.3 Completeness of resonance assignments

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

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

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

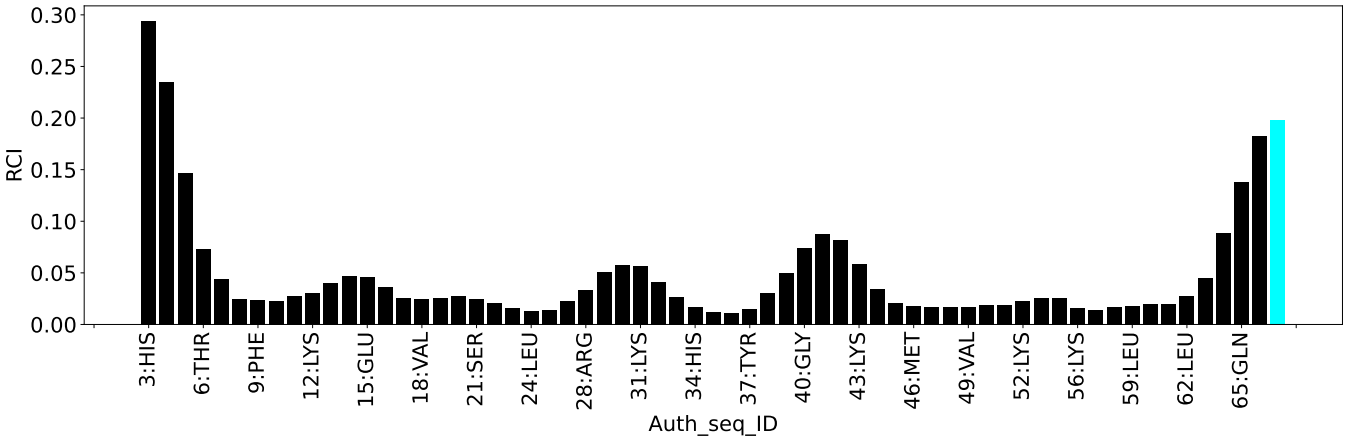
7.1.4 Statistically unusual chemical shifts (i)

There are no statistically unusual chemical shifts.

7.1.5 Random Coil Index (RCI) plots (i)

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

Random coil index (RCI) for chain A:



8 NMR restraints analysis

8.1 Conformationally restricting restraints

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

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

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

8.2 Residual restraint violations

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

8.2.1 Average number of distance violations per model

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

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

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

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

9 Distance violation analysis (i)

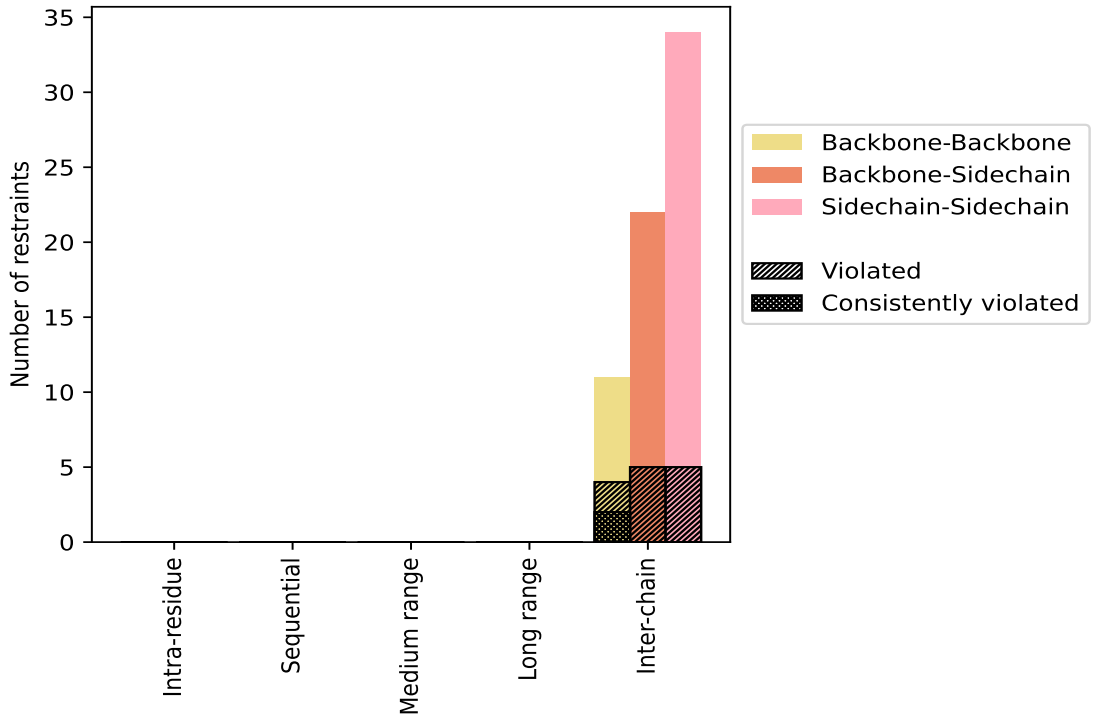
9.1 Summary of distance violations (i)

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

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

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

9.1.1 Bar chart : Distribution of distance restraints and violations



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

9.2 Distance violation statistics for each model

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

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

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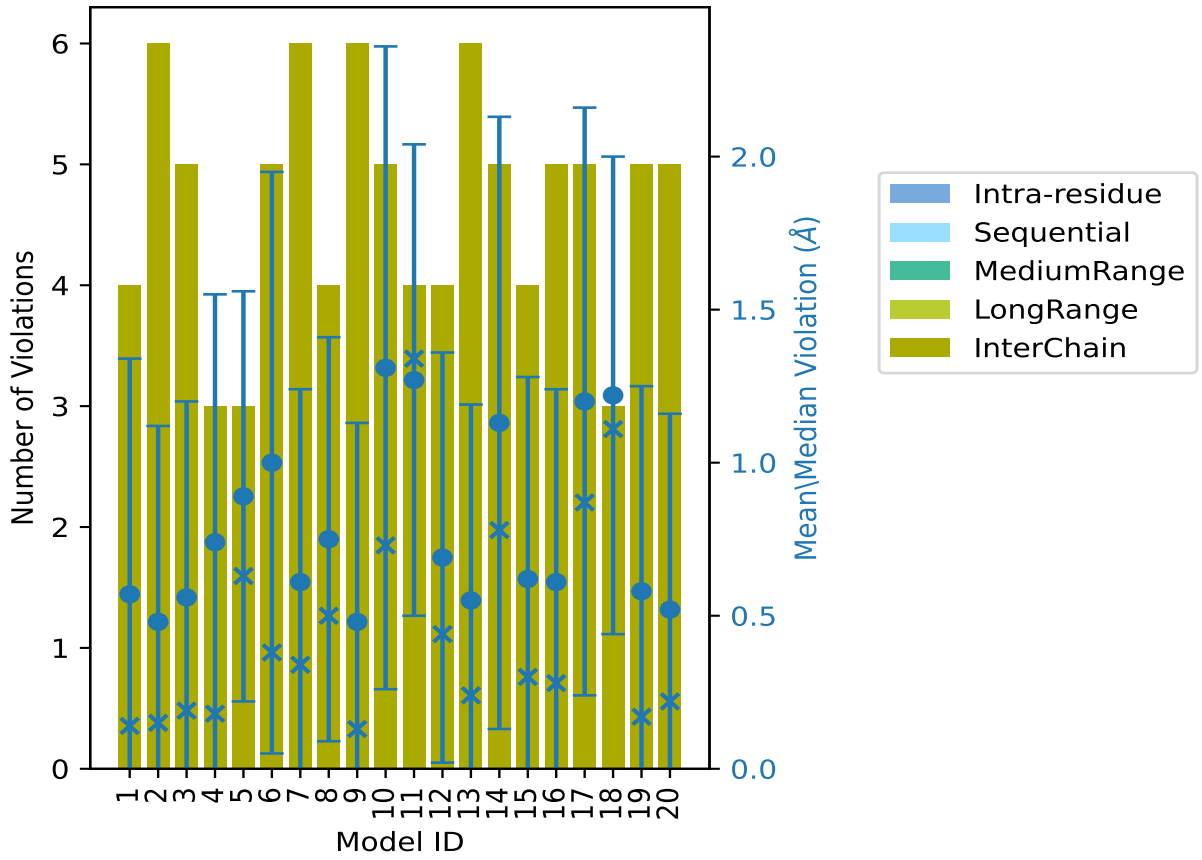
Model ID	Number of violations						Mean (Å)	Max (Å)	SD[6] (Å)	Median (Å)
	IR[1]	SQ[2]	MR[3]	LR[4]	IC[5]	Total				
12	0	0	0	0	4	4	0.69	1.76	0.67	0.44
13	0	0	0	0	6	6	0.55	1.91	0.64	0.24
14	0	0	0	0	5	5	1.13	2.41	1.0	0.78
15	0	0	0	0	4	4	0.62	1.75	0.66	0.3
16	0	0	0	0	5	5	0.61	1.77	0.63	0.28
17	0	0	0	0	5	5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

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

9.2.1 Bar graph : Distance Violation statistics for each model



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

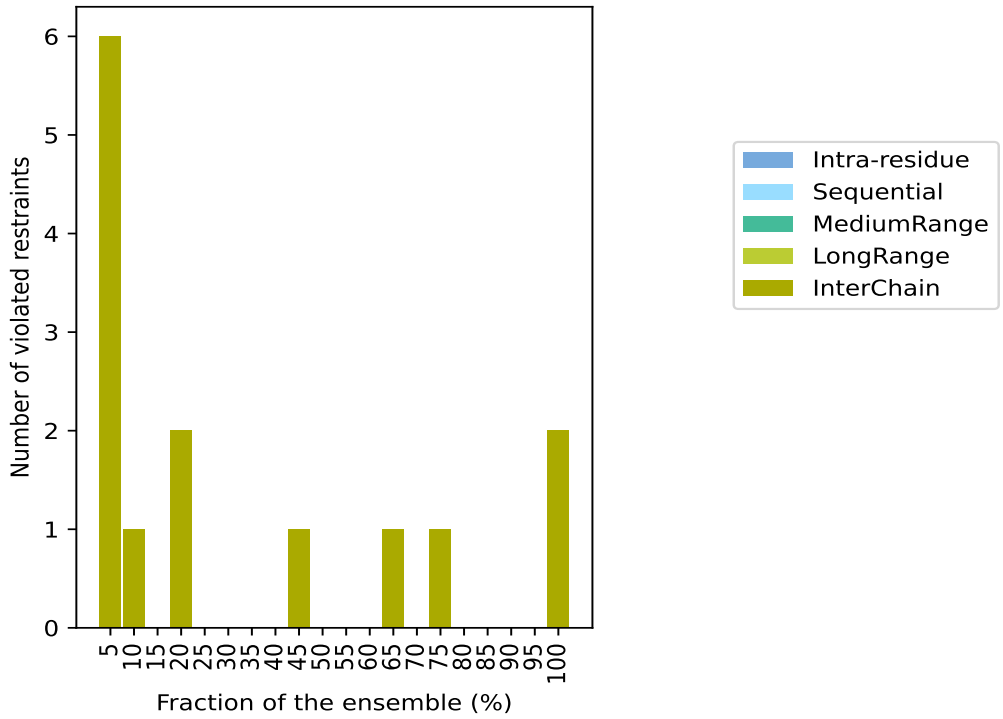
9.3 Distance violation statistics for the ensemble (i)

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

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

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

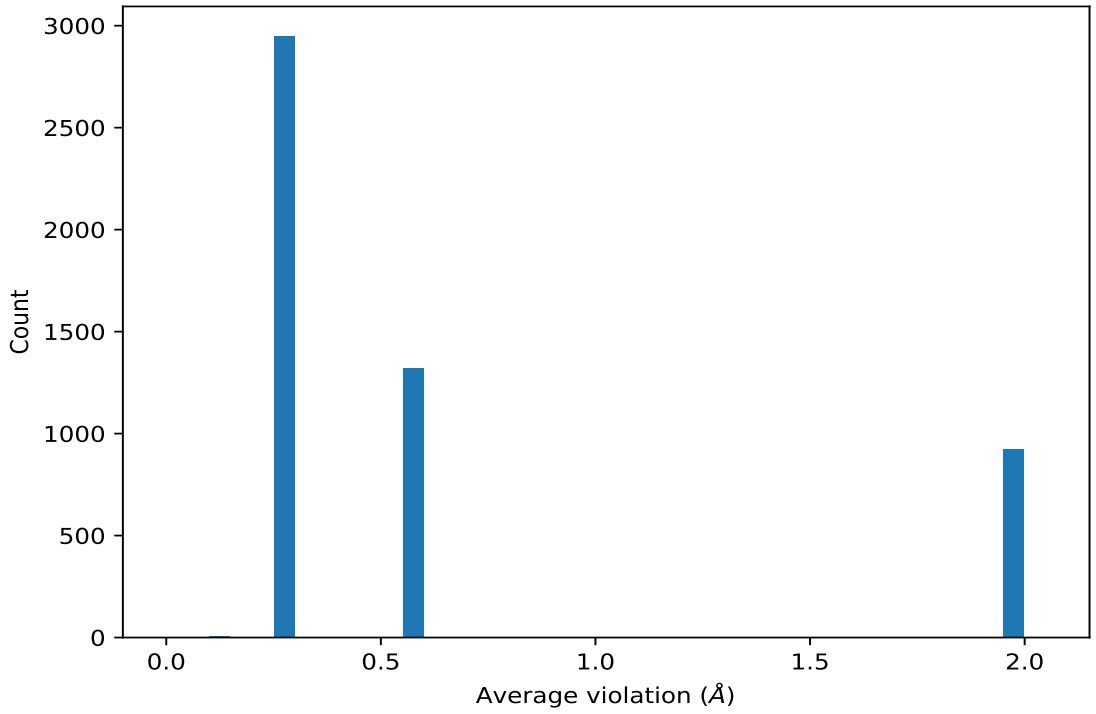
9.3.1 Bar graph : Distance violation statistics for the ensemble



9.4 Most violated distance restraints in the ensemble

9.4.1 Histogram : Distribution of mean distance violations

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



9.4.2 Table: Most violated distance restraints (i)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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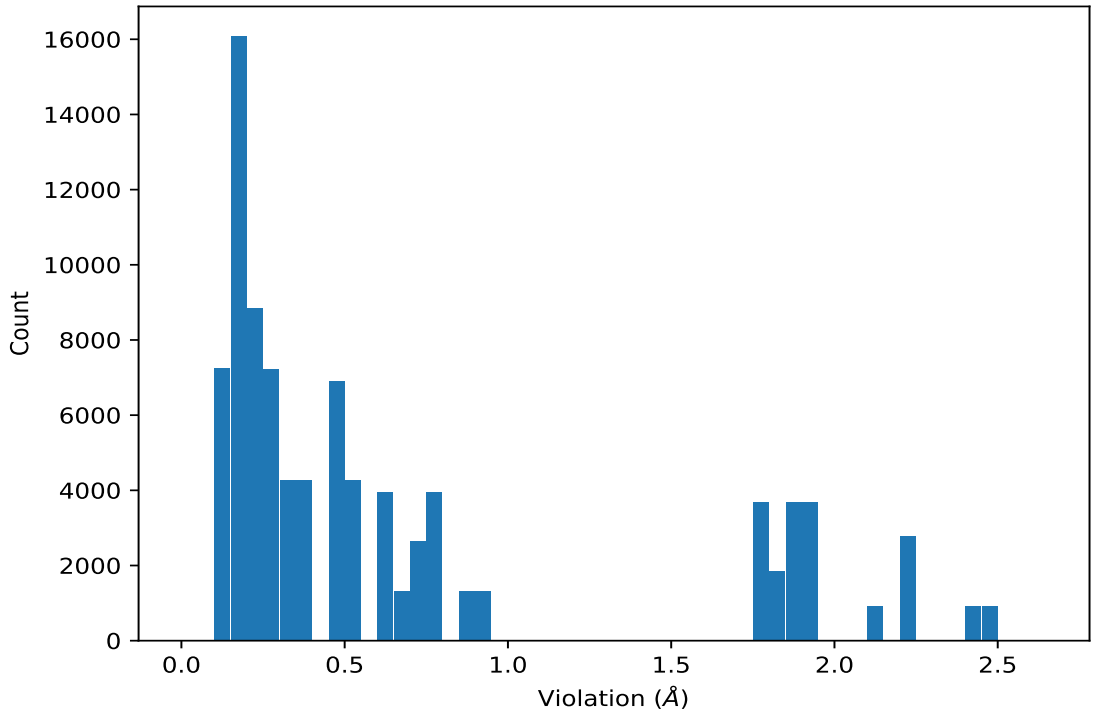
Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG3	15	0.25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

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

9.5 All violated distance restraints (i)

9.5.1 Histogram : Distribution of distance violations (i)

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



9.5.2 Table : All distance violations (i)

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

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:43:LYS:HG3	2:B:4:GLU:HA	10	2.64
(2,2)	1:A:42:GLY:C	2:B:3:GLY:C	10	2.49
(2,2)	1:A:42:GLY:C	2:B:3:GLY:CA	10	2.49
(2,2)	1:A:42:GLY:C	2:B:3:GLY:H	10	2.49
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA2	10	2.49
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA3	10	2.49
(2,2)	1:A:42:GLY:C	2:B:3:GLY:N	10	2.49
(2,2)	1:A:42:GLY:C	2:B:3:GLY:O	10	2.49
(2,2)	1:A:42:GLY:C	2:B:4:GLU:C	10	2.49
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:C	2:B:4:GLU:H	10	2.49
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB3	10	2.49

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:H	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA3	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:N	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:O	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:C	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:H	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:N	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:O	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:C	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:H	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:N	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:O	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:C	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CA	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CB	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD1	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE1	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE2	10	2.49

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

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

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:8:GLU:N	10	2.49
(2,2)	1:A:42:GLY:N	2:B:8:GLU:O	10	2.49
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:9:GLY:C	10	2.49
(2,2)	1:A:42:GLY:N	2:B:9:GLY:CA	10	2.49
(2,2)	1:A:42:GLY:N	2:B:9:GLY:H	10	2.49
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA3	10	2.49
(2,2)	1:A:42:GLY:N	2:B:9:GLY:N	10	2.49
(2,2)	1:A:42:GLY:N	2:B:9:GLY:O	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:C	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:H	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:N	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:O	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:C	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:H	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:N	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:O	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:12:TYR:C	10	2.49

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:N	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:O	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:C	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:H	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:N	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:O	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:C	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:H	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:N	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:O	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:C	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:CA	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:H	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA3	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:N	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:O	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:C	17	2.44

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

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

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

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:H	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA3	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:N	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:O	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:C	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:H	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:N	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:O	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:C	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:H	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:N	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:O	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:C	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CA	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CB	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD1	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE1	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE2	17	2.44

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

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

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:8:GLU:N	17	2.44
(2,2)	1:A:42:GLY:N	2:B:8:GLU:O	17	2.44
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:9:GLY:C	17	2.44
(2,2)	1:A:42:GLY:N	2:B:9:GLY:CA	17	2.44
(2,2)	1:A:42:GLY:N	2:B:9:GLY:H	17	2.44
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA3	17	2.44
(2,2)	1:A:42:GLY:N	2:B:9:GLY:N	17	2.44
(2,2)	1:A:42:GLY:N	2:B:9:GLY:O	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:C	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:H	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:N	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:O	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:C	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:H	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:N	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:O	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:12:TYR:C	17	2.44

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

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

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

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

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

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

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

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

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

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

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA3	14	2.22
(2,2)	1:A:42:GLY:H	2:B:3:GLY:N	14	2.22
(2,2)	1:A:42:GLY:H	2:B:3:GLY:O	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:C	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:H	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:N	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:O	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:5:GLY:C	14	2.22
(2,2)	1:A:42:GLY:H	2:B:5:GLY:CA	14	2.22
(2,2)	1:A:42:GLY:H	2:B:5:GLY:H	14	2.22
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA3	14	2.22
(2,2)	1:A:42:GLY:H	2:B:5:GLY:N	14	2.22
(2,2)	1:A:42:GLY:H	2:B:5:GLY:O	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:C	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:H	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:N	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:O	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:C	14	2.22

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

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

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

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

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

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

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

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:CA	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:H	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA3	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:N	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:O	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:C	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:H	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:N	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:O	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:C	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:H	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:N	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:O	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:C	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CA	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CB	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD1	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE1	14	2.22

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

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

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

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

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

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

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

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

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

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

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

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

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

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA3	18	2.22
(2,2)	1:A:42:GLY:H	2:B:3:GLY:N	18	2.22
(2,2)	1:A:42:GLY:H	2:B:3:GLY:O	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:C	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:H	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:N	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:O	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:5:GLY:C	18	2.22
(2,2)	1:A:42:GLY:H	2:B:5:GLY:CA	18	2.22
(2,2)	1:A:42:GLY:H	2:B:5:GLY:H	18	2.22
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA3	18	2.22
(2,2)	1:A:42:GLY:H	2:B:5:GLY:N	18	2.22
(2,2)	1:A:42:GLY:H	2:B:5:GLY:O	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:C	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:H	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:N	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:O	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:C	18	2.22

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

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

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

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

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

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

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

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:CA	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:H	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA3	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:N	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:O	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:C	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:H	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:N	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:O	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:C	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:H	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:N	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:O	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:C	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CA	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CB	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD1	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE1	18	2.22

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:C	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:CA	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:H	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA3	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:N	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:O	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:C	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:H	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:N	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:O	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:C	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:H	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:N	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:O	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:C	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CA	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CB	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD1	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD2	11	2.21

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

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

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

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

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

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

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

10 Dihedral-angle violation analysis (i)

No dihedral-angle restraints found