



Full wwPDB X-ray Structure Validation Report ⓘ

Mar 5, 2026 – 08:09 PM UTC

PDB ID : 6SH1 / pdb_00006sh1
Title : Crystal structure of substrate-free human neprilysin E584D.
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Deposited on : 2019-08-05
Resolution : 2.10 Å(reported)

This is a Full wwPDB X-ray Structure Validation 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/XrayValidationReportHelp>

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	:	4-5-2 with Phenix2.0
Mogul	:	2022.3.0, CSD as543be (2022)
Xtriage (Phenix)	:	2.0
EDS	:	3.0
Percentile statistics	:	20250101.v01 (using entries in the PDB archive January 1st 2025)
CCP4	:	9.0.010 (Gargrove)
Density-Fitness	:	1.0.12
Ideal geometry (proteins)	:	Engh & Huber (2001)
Ideal geometry (DNA, RNA)	:	Parkinson et al. (1996)
Validation Pipeline (wwPDB-VP)	:	2.49

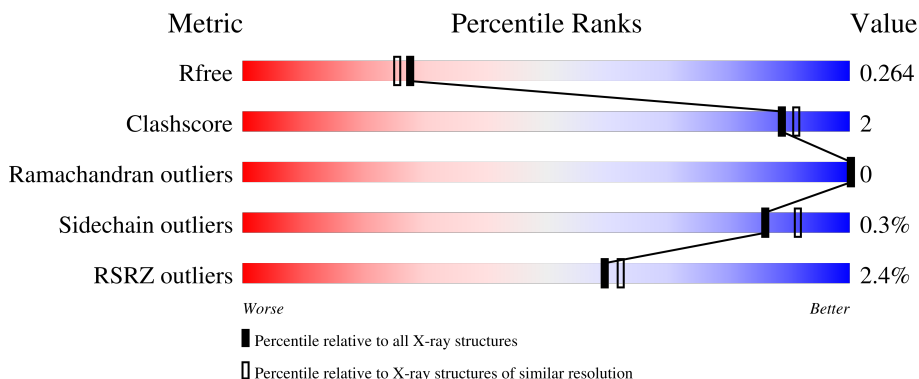
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

X-RAY DIFFRACTION

The reported resolution of this entry is 2.10 Å.

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)	Similar resolution (#Entries, resolution range(Å))
R_{free}	180053	6658 (2.10-2.10)
Clashscore	190562	7164 (2.10-2.10)
Ramachandran outliers	187476	7099 (2.10-2.10)
Sidechain outliers	187428	7100 (2.10-2.10)
RSRZ outliers	180081	6662 (2.10-2.10)

The table below summarises the geometric issues observed across the polymeric chains and their fit to the electron density. The red, orange, yellow and green segments of the lower bar indicate the fraction of residues that contain outliers for ≥ 3 , 2, 1 and 0 types of geometric quality criteria respectively. 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 $\leq 5\%$. The upper red bar (where present) indicates the fraction of residues that have poor fit to the electron density. The numeric value is given above the bar.

Mol	Chain	Length	Quality of chain
1	AAA	696	2% 95% 5%
1	CCC	696	2% 94% 6%

2 Entry composition [i](#)

There are 5 unique types of molecules in this entry. The entry contains 22561 atoms, of which 10838 are hydrogens and 0 are deuteriums.

In the tables below, the ZeroOcc column contains the number of atoms modelled with zero occupancy, the AltConf column contains the number of residues with at least one atom in alternate conformation and the Trace column contains the number of residues modelled with at most 2 atoms.

- Molecule 1 is a protein called Neprilysin.

Mol	Chain	Residues	Atoms						ZeroOcc	AltConf	Trace
1	AAA	696	Total	C	H	N	O	S	315	8	0
			11008	3533	5411	960	1078	26			
1	CCC	696	Total	C	H	N	O	S	314	0	0
			10802	3478	5297	936	1065	26			

There are 2 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
AAA	584	ASP	GLU	conflict	UNP P08473
CCC	584	ASP	GLU	conflict	UNP P08473

- Molecule 2 is 2-acetamido-2-deoxy-beta-D-glucopyranose (CCD ID: NAG) (formula: C₈H₁₅NO₆).



Mol	Chain	Residues	Atoms					ZeroOcc	AltConf
2	AAA	1	Total	C	H	N	O	3	0
			28	8	14	1	5		

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Mol	Chain	Residues	Atoms					ZeroOcc	AltConf
2	AAA	1	Total	C	H	N	O	3	0
			28	8	14	1	5		
2	AAA	1	Total	C	H	N	O	3	0
			28	8	14	1	5		
2	AAA	1	Total	C	H	N	O	3	0
			28	8	14	1	5		
2	CCC	1	Total	C	H	N	O	3	0
			28	8	14	1	5		
2	CCC	1	Total	C	H	N	O	3	0
			28	8	14	1	5		
2	CCC	1	Total	C	H	N	O	3	0
			28	8	14	1	5		

- Molecule 3 is 1,2-ETHANEDIOL (CCD ID: EDO) (formula: $C_2H_6O_2$).



Mol	Chain	Residues	Atoms				ZeroOcc	AltConf
3	AAA	1	Total	C	H	O	1	0
			10	2	6	2		
3	CCC	1	Total	C	H	O	1	0
			10	2	6	2		
3	CCC	1	Total	C	H	O	1	0
			10	2	6	2		

- Molecule 4 is ZINC ION (CCD ID: ZN) (formula: Zn).

Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
4	AAA	1	Total 1	Zn 1	0	0
4	CCC	1	Total 1	Zn 1	0	0

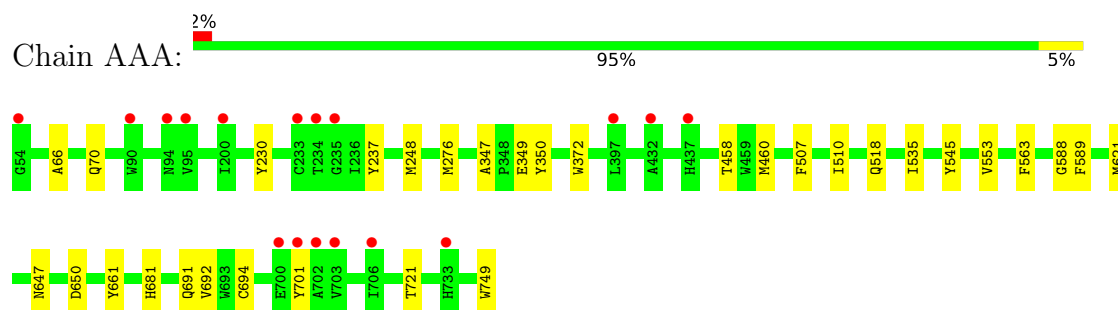
- Molecule 5 is water.

Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
5	AAA	273	Total 273	O 273	0	0
5	CCC	222	Total 222	O 222	0	0

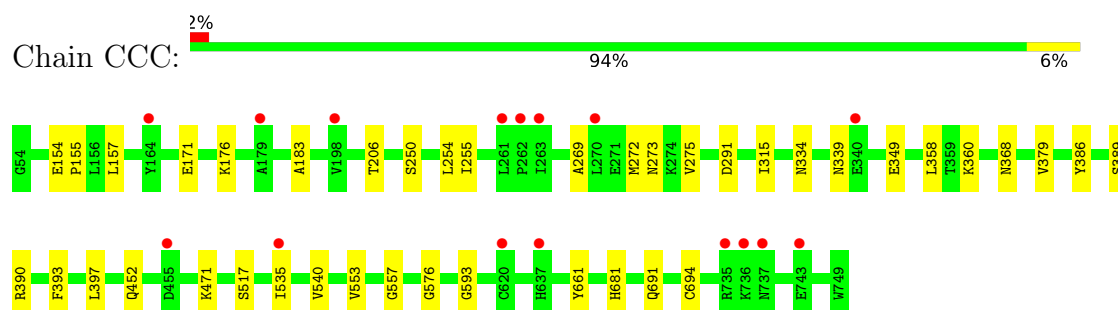
3 Residue-property plots [i](#)

These plots are drawn for all protein, RNA, DNA and oligosaccharide chains in the entry. The first graphic for a chain summarises the proportions of the various outlier classes displayed in the second graphic. The second graphic shows the sequence view annotated by issues in geometry and electron density. Residues are color-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. A red dot above a residue indicates a poor fit to the electron density ($RSRZ > 2$). Stretches of 2 or more consecutive residues without any outlier are shown as a green connector. Residues present in the sample, but not in the model, are shown in grey.

• Molecule 1: Neprilysin



• Molecule 1: Neprilysin



4 Data and refinement statistics

Property	Value	Source
Space group	P 1 21 1	Depositor
Cell constants a, b, c, α , β , γ	76.14Å 99.75Å 100.12Å 90.00° 106.23° 90.00°	Depositor
Resolution (Å)	69.22 – 2.10 69.22 – 2.10	Depositor EDS
% Data completeness (in resolution range)	99.9 (69.22-2.10) 99.9 (69.22-2.10)	Depositor EDS
R_{merge}	(Not available)	Depositor
R_{sym}	(Not available)	Depositor
$\langle I/\sigma(I) \rangle$ ¹	1.42 (at 2.10Å)	Xtriage
Refinement program	REFMAC 5.8.0253	Depositor
R, R_{free}	0.218 , 0.261 0.219 , 0.264	Depositor DCC
R_{free} test set	4269 reflections (5.09%)	wwPDB-VP
Wilson B-factor (Å ²)	39.9	Xtriage
Anisotropy	0.314	Xtriage
Bulk solvent k_{sol} (e/Å ³), B_{sol} (Å ²)	0.34 , 18.0	EDS
L-test for twinning ²	$\langle L \rangle = 0.50$, $\langle L^2 \rangle = 0.33$	Xtriage
Estimated twinning fraction	No twinning to report.	Xtriage
F_o, F_c correlation	0.95	EDS
Total number of atoms	22561	wwPDB-VP
Average B, all atoms (Å ²)	44.0	wwPDB-VP

Xtriage's analysis on translational NCS is as follows: *The largest off-origin peak in the Patterson function is 5.03% of the height of the origin peak. No significant pseudotranslation is detected.*

¹Intensities estimated from amplitudes.

²Theoretical values of $\langle |L| \rangle$, $\langle L^2 \rangle$ for acentric reflections are 0.5, 0.333 respectively for untwinned datasets, and 0.375, 0.2 for perfectly twinned datasets.

5 Model quality [i](#)

5.1 Standard geometry [i](#)

Bond lengths and bond angles in the following residue types are not validated in this section: NAG, ZN, EDO

The Z score for a bond length (or angle) is the number of standard deviations the observed value is removed from the expected value. A bond length (or angle) with $|Z| > 5$ is considered an outlier worth inspection. RMSZ is the root-mean-square of all Z scores of the bond lengths (or angles).

Mol	Chain	Bond lengths		Bond angles	
		RMSZ	# Z >5	RMSZ	# Z >5
1	AAA	0.99	0/5716	1.47	0/7747
1	CCC	1.00	0/5623	1.47	1/7629 (0.0%)
All	All	0.99	0/11339	1.47	1/15376 (0.0%)

There are no bond length outliers.

All (1) bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
1	CCC	576	GLY	O-C-N	5.19	124.76	121.85

There are no chirality outliers.

There are no planarity outliers.

5.2 Too-close contacts [i](#)

In the following table, the Non-H and H(model) columns list the number of non-hydrogen atoms and hydrogen atoms in the 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 within the asymmetric unit, whereas Symm-Clashes lists symmetry-related clashes.

Mol	Chain	Non-H	H(model)	H(added)	Clashes	Symm-Clashes
1	AAA	5597	5411	5358	18	1
1	CCC	5505	5297	5241	23	1
2	AAA	56	56	52	0	0
2	CCC	56	56	52	0	0
3	AAA	4	6	6	0	0
3	CCC	8	12	12	0	0
4	AAA	1	0	0	0	0
4	CCC	1	0	0	0	0

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Mol	Chain	Non-H	H(model)	H(added)	Clashes	Symm-Clashes
5	AAA	273	0	0	0	0
5	CCC	222	0	0	5	0
All	All	11723	10838	10721	41	1

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

All (41) close contacts within the same asymmetric unit are listed below, sorted by their clash magnitude.

Atom-1	Atom-2	Interatomic distance (Å)	Clash overlap (Å)
1:AAA:691:GLN:HA	1:AAA:694:CYS:SG	2.28	0.74
1:CCC:171:GLU:O	1:CCC:176:LYS:HE3	1.90	0.71
1:AAA:66:ALA:O	1:AAA:70:GLN:HG2	2.00	0.61
1:CCC:691:GLN:HA	1:CCC:694:CYS:SG	2.40	0.60
1:AAA:661:TYR:OH	1:AAA:681:HIS:HB3	2.03	0.58
1:CCC:157:LEU:HD21	1:CCC:255:ILE:HG23	1.88	0.55
1:AAA:701:TYR:CG	1:AAA:701:TYR:O	2.58	0.54
1:CCC:339:ASN:ND2	5:CCC:909:HOH:O	2.43	0.51
1:CCC:535:ILE:HG12	1:CCC:553:VAL:HG21	1.93	0.51
1:CCC:275:VAL:CG2	1:CCC:368:ASN:HB3	2.42	0.50
1:AAA:589:PHE:HB3	1:AAA:749:TRP:CZ2	2.47	0.49
1:CCC:315:ILE:HD12	1:CCC:358:LEU:HD13	1.94	0.49
1:CCC:349:GLU:HB2	5:CCC:1049:HOH:O	2.12	0.48
1:AAA:650:ASP:HB3	1:AAA:721:THR:HG21	1.95	0.48
1:CCC:250:SER:O	1:CCC:254:LEU:HG	2.13	0.48
1:AAA:621:MET:HE1	1:AAA:647:ASN:C	2.39	0.47
1:AAA:347:ALA:HB1	1:AAA:350:TYR:HB3	1.98	0.46
1:AAA:507:PHE:O	1:AAA:510:ILE:HG13	2.15	0.46
1:CCC:269:ALA:O	1:CCC:273:ASN:ND2	2.44	0.45
1:CCC:379:VAL:HG11	1:CCC:390:ARG:HB2	1.98	0.45
1:AAA:460:MET:HE1	1:AAA:749:TRP:CZ3	2.51	0.44
1:CCC:452:GLN:NE2	5:CCC:916:HOH:O	2.50	0.44
1:AAA:563:PHE:CE1	1:AAA:692:VAL:HG13	2.53	0.44
1:CCC:183:ALA:HB2	1:CCC:315:ILE:HG21	2.00	0.44
1:CCC:206:THR:HG21	5:CCC:1110:HOH:O	2.17	0.44
1:AAA:230:TYR:HA	1:AAA:237:TYR:CD1	2.54	0.43
1:CCC:272:MET:HA	1:CCC:272:MET:HE2	2.02	0.42
1:AAA:535:ILE:CG1	1:AAA:553:VAL:HG21	2.50	0.42
1:CCC:661:TYR:OH	1:CCC:681:HIS:HB3	2.20	0.42
1:AAA:248:MET:HG2	1:AAA:372:TRP:CE2	2.56	0.41
1:AAA:701:TYR:O	1:AAA:701:TYR:CD2	2.73	0.41

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Atom-1	Atom-2	Interatomic distance (Å)	Clash overlap (Å)
1:CCC:393:PHE:CZ	1:CCC:397:LEU:HD22	2.55	0.41
1:CCC:471:LYS:NZ	1:CCC:593:GLY:O	2.54	0.41
1:CCC:535:ILE:CG1	1:CCC:553:VAL:HG21	2.50	0.41
1:CCC:154:GLU:N	1:CCC:155:PRO:CD	2.84	0.41
1:AAA:535:ILE:HG12	1:AAA:553:VAL:HG21	2.03	0.41
1:AAA:545:TYR:CZ	1:AAA:588:GLY:HA2	2.56	0.41
1:CCC:334:ASN:ND2	5:CCC:923:HOH:O	2.53	0.41
1:CCC:540:VAL:O	1:CCC:557:GLY:HA3	2.20	0.41
1:CCC:386:TYR:O	1:CCC:389:SER:OG	2.36	0.41
1:AAA:518:GLN:OE1	1:AAA:518:GLN:HA	2.22	0.40

All (1) symmetry-related close contacts are listed below. The label for Atom-2 includes the symmetry operator and encoded unit-cell translations to be applied.

Atom-1	Atom-2	Interatomic distance (Å)	Clash overlap (Å)
1:AAA:458:THR:HG1	1:CCC:360:LYS:HZ1[1_554]	1.02	0.58

5.3 Torsion angles ⓘ

5.3.1 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 X-ray entries followed by that with respect to entries of similar resolution.

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	AAA	702/696 (101%)	681 (97%)	21 (3%)	0	100	100
1	CCC	694/696 (100%)	674 (97%)	20 (3%)	0	100	100
All	All	1396/1392 (100%)	1355 (97%)	41 (3%)	0	100	100

There are no Ramachandran outliers to report.

5.3.2 Protein sidechains ⓘ

In the following table, the Percentiles column shows the percent sidechain outliers of the chain as a percentile score with respect to all X-ray entries followed by that with respect to entries of similar

resolution.

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	AAA	596/605 (98%)	594 (100%)	2 (0%)	86	91
1	CCC	583/605 (96%)	581 (100%)	2 (0%)	86	91
All	All	1179/1210 (97%)	1175 (100%)	4 (0%)	86	91

All (4) residues with a non-rotameric sidechain are listed below:

Mol	Chain	Res	Type
1	AAA	276	MET
1	AAA	349	GLU
1	CCC	291	ASP
1	CCC	517	SER

Sometimes sidechains can be flipped to improve hydrogen bonding and reduce clashes. There are no such sidechains identified.

5.3.3 RNA ⓘ

There are no RNA molecules in this entry.

5.4 Non-standard residues in protein, DNA, RNA chains ⓘ

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

5.5 Carbohydrates ⓘ

There are no oligosaccharides in this entry.

5.6 Ligand geometry ⓘ

Of 13 ligands modelled in this entry, 2 are monoatomic - leaving 11 for Mogul analysis.

In the following table, the Counts columns list the number of bonds (or angles) for which Mogul statistics could be retrieved, the number of bonds (or angles) that are observed in the model and the number of bonds (or angles) that are defined in the Chemical Component Dictionary. The Link column lists molecule types, if any, to which the group is linked. The Z score for a bond length (or angle) is the number of standard deviations the observed value is removed from the

expected value. A bond length (or angle) with $|Z| > 2$ is considered an outlier worth inspection. RMSZ is the root-mean-square of all Z scores of the bond lengths (or angles).

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\# Z > 2$	Counts	RMSZ	$\# Z > 2$
2	NAG	CCC	801	1	14,14,15	0.35	0	17,19,21	0.97	1 (5%)
2	NAG	CCC	802	1	14,14,15	0.31	0	17,19,21	1.16	1 (5%)
2	NAG	CCC	803	1	14,14,15	0.36	0	17,19,21	0.57	0
2	NAG	AAA	801	1	14,14,15	0.34	0	17,19,21	0.98	1 (5%)
2	NAG	CCC	804	1	14,14,15	0.35	0	17,19,21	1.15	1 (5%)
2	NAG	AAA	802	1	14,14,15	0.45	0	17,19,21	0.83	0
2	NAG	AAA	803	1	14,14,15	0.34	0	17,19,21	1.43	3 (17%)
2	NAG	AAA	804	1	14,14,15	0.37	0	17,19,21	0.82	0
3	EDO	CCC	805	-	3,3,3	0.04	0	2,2,2	0.18	0
3	EDO	CCC	806	-	3,3,3	0.11	0	2,2,2	0.11	0
3	EDO	AAA	805	-	3,3,3	0.13	0	2,2,2	0.09	0

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

Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
2	NAG	CCC	801	1	-	0/6/23/26	0/1/1/1
2	NAG	CCC	802	1	-	4/6/23/26	0/1/1/1
2	NAG	CCC	803	1	-	2/6/23/26	0/1/1/1
2	NAG	AAA	801	1	-	0/6/23/26	0/1/1/1
2	NAG	CCC	804	1	-	2/6/23/26	0/1/1/1
2	NAG	AAA	802	1	-	0/6/23/26	0/1/1/1
2	NAG	AAA	803	1	-	4/6/23/26	0/1/1/1
2	NAG	AAA	804	1	-	0/6/23/26	0/1/1/1
3	EDO	CCC	805	-	-	1/1/1/1	-
3	EDO	CCC	806	-	-	0/1/1/1	-
3	EDO	AAA	805	-	-	1/1/1/1	-

There are no bond length outliers.

All (7) bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
2	AAA	803	NAG	O5-C1-C2	-3.47	105.92	111.29
2	AAA	803	NAG	C1-C2-N2	2.88	114.97	110.43
2	CCC	802	NAG	C4-C3-C2	-2.83	106.88	111.02

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Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
2	CCC	801	NAG	C1-O5-C5	2.25	115.19	112.19
2	AAA	801	NAG	C1-C2-N2	-2.16	107.03	110.43
2	AAA	803	NAG	C4-C3-C2	-2.08	107.98	111.02
2	CCC	804	NAG	O5-C1-C2	-2.07	108.08	111.29

There are no chirality outliers.

All (14) torsion outliers are listed below:

Mol	Chain	Res	Type	Atoms
2	CCC	802	NAG	O5-C5-C6-O6
2	CCC	803	NAG	O5-C5-C6-O6
2	CCC	802	NAG	C4-C5-C6-O6
2	CCC	803	NAG	C4-C5-C6-O6
2	CCC	804	NAG	O5-C5-C6-O6
2	AAA	803	NAG	O5-C5-C6-O6
2	CCC	804	NAG	C4-C5-C6-O6
2	AAA	803	NAG	C1-C2-N2-C7
2	CCC	802	NAG	C1-C2-N2-C7
3	AAA	805	EDO	O1-C1-C2-O2
2	AAA	803	NAG	C3-C2-N2-C7
2	CCC	802	NAG	C3-C2-N2-C7
3	CCC	805	EDO	O1-C1-C2-O2
2	AAA	803	NAG	C4-C5-C6-O6

There are no ring outliers.

No monomer is involved in short contacts.

5.7 Other polymers [i](#)

There are no such residues in this entry.

5.8 Polymer linkage issues [i](#)

There are no chain breaks in this entry.

6 Fit of model and data

6.1 Protein, DNA and RNA chains

In the following table, the column labelled ‘#RSRZ> 2’ contains the number (and percentage) of RSRZ outliers, followed by percent RSRZ outliers for the chain as percentile scores relative to all X-ray entries and entries of similar resolution. The OWAB column contains the minimum, median, 95th percentile and maximum values of the occupancy-weighted average B-factor per residue. The column labelled ‘Q< 0.9’ lists the number of (and percentage) of residues with an average occupancy less than 0.9.

Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
1	AAA	696/696 (100%)	0.29	17 (2%) 59 62	18, 40, 58, 76	8 (1%)
1	CCC	696/696 (100%)	0.37	16 (2%) 61 64	24, 43, 61, 76	0
All	All	1392/1392 (100%)	0.33	33 (2%) 59 62	18, 42, 60, 76	8 (0%)

All (33) RSRZ outliers are listed below:

Mol	Chain	Res	Type	RSRZ
1	AAA	701	TYR	3.1
1	CCC	164	TYR	3.1
1	AAA	437[A]	HIS	3.1
1	AAA	54	GLY	3.1
1	AAA	233	CYS	3.0
1	AAA	235	GLY	2.9
1	CCC	262	PRO	2.8
1	AAA	702	ALA	2.7
1	CCC	263	ILE	2.6
1	CCC	455	ASP	2.6
1	CCC	270	LEU	2.4
1	CCC	620	CYS	2.4
1	AAA	94	ASN	2.3
1	AAA	234	THR	2.3
1	AAA	700	GLU	2.3
1	AAA	95	VAL	2.2
1	AAA	432	ALA	2.2
1	CCC	198	VAL	2.2
1	CCC	340	GLU	2.2
1	CCC	736	LYS	2.2
1	AAA	706	ILE	2.2
1	CCC	179	ALA	2.2
1	AAA	200	ILE	2.1
1	AAA	703	VAL	2.1

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Mol	Chain	Res	Type	RSRZ
1	CCC	735	ARG	2.1
1	CCC	743	GLU	2.1
1	CCC	535	ILE	2.1
1	AAA	397	LEU	2.1
1	AAA	733	HIS	2.1
1	CCC	261	LEU	2.0
1	CCC	737	ASN	2.0
1	AAA	90	TRP	2.0
1	CCC	637	HIS	2.0

6.2 Non-standard residues in protein, DNA, RNA chains [i](#)

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

6.3 Carbohydrates [i](#)

There are no oligosaccharides in this entry.

6.4 Ligands [i](#)

In the following table, the Atoms column lists the number of modelled atoms in the group and the number defined in the chemical component dictionary. The B-factors column lists the minimum, median, 95th percentile and maximum values of B factors of atoms in the group. The column labelled 'Q< 0.9' lists the number of atoms with occupancy less than 0.9.

Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
2	NAG	CCC	802	14/15	0.69	0.14	71,76,79,79	3
2	NAG	AAA	803	14/15	0.78	0.11	64,68,70,74	3
2	NAG	AAA	802	14/15	0.78	0.13	59,62,64,65	3
2	NAG	AAA	801	14/15	0.79	0.12	59,63,66,67	3
2	NAG	AAA	804	14/15	0.81	0.11	57,61,64,66	3
2	NAG	CCC	801	14/15	0.83	0.12	63,66,69,73	3
3	EDO	CCC	805	4/4	0.83	0.14	65,65,66,66	1
2	NAG	CCC	804	14/15	0.84	0.12	58,61,63,67	3
2	NAG	CCC	803	14/15	0.84	0.10	52,56,63,65	3
3	EDO	CCC	806	4/4	0.86	0.12	38,38,44,44	1
3	EDO	AAA	805	4/4	0.90	0.30	43,44,44,44	1
4	ZN	AAA	806	1/1	0.99	0.03	35,35,35,35	0
4	ZN	CCC	807	1/1	0.99	0.03	33,33,33,33	0

6.5 Other polymers [i](#)

There are no such residues in this entry.