



Full wwPDB X-ray Structure Validation Report ⓘ

Apr 26, 2026 – 11:56 AM EDT

PDB ID : 5O03 / pdb_00005o03
Title : GII.10 Vietnam 026 protruding domain in complex with Nanobody Nano-32
Authors : Koromyslova, A.D.; Hansman, G.H.
Deposited on : 2017-05-16
Resolution : 2.19 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

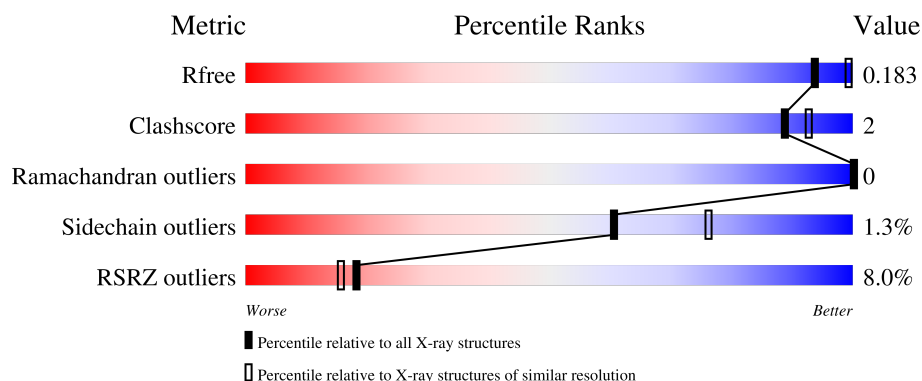
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

X-RAY DIFFRACTION

The reported resolution of this entry is 2.19 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	6164 (2.20-2.20)
Clashscore	190562	6851 (2.20-2.20)
Ramachandran outliers	187476	6768 (2.20-2.20)
Sidechain outliers	187428	6769 (2.20-2.20)
RSRZ outliers	180081	6166 (2.20-2.20)

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	A	315	5% 94% ..
1	B	315	8% 92% 7% .
2	C	135	14% 94% ...
2	D	135	9% 96% ..

2 Entry composition [i](#)

There are 5 unique types of molecules in this entry. The entry contains 7002 atoms, of which 0 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.

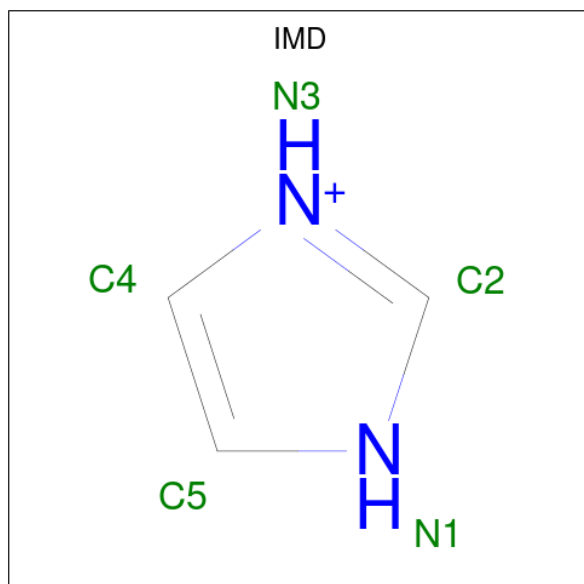
- Molecule 1 is a protein called Capsid protein.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
1	A	310	Total	C	N	O	S	0	3	0
			2388	1529	400	450	9			
1	B	312	Total	C	N	O	S	0	4	0
			2409	1540	403	457	9			

- Molecule 2 is a protein called Nanobody (VHH) Nano-32.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
2	C	132	Total	C	N	O	S	0	1	0
			949	599	161	183	6			
2	D	133	Total	C	N	O	S	0	1	0
			951	599	159	187	6			

- Molecule 3 is IMIDAZOLE (CCD ID: IMD) (formula: C₃H₅N₂).



Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
3	A	1	Total	C	N	0	0
			5	3	2		
3	B	1	Total	C	N	0	0
			5	3	2		

- Molecule 4 is 1,2-ETHANEDIOL (CCD ID: EDO) (formula: C₂H₆O₂).



Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
4	A	1	Total	C	O	0	0
			4	2	2		
4	A	1	Total	C	O	0	0
			4	2	2		
4	A	1	Total	C	O	0	0
			4	2	2		
4	A	1	Total	C	O	0	0
			4	2	2		
4	A	1	Total	C	O	0	0
			4	2	2		
4	A	1	Total	C	O	0	0
			4	2	2		
4	B	1	Total	C	O	0	0
			4	2	2		
4	B	1	Total	C	O	0	0
			4	2	2		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
4	B	1	Total	C	O	0	0
			4	2	2		
4	B	1	Total	C	O	0	0
			4	2	2		
4	B	1	Total	C	O	0	0
			4	2	2		
4	B	1	Total	C	O	0	0
			4	2	2		
4	B	1	Total	C	O	0	0
			4	2	2		

- Molecule 5 is water.

Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
5	A	112	Total	O	0	0
			112	112		
5	B	84	Total	O	0	0
			84	84		
5	C	15	Total	O	0	0
			15	15		
5	D	24	Total	O	0	0
			24	24		

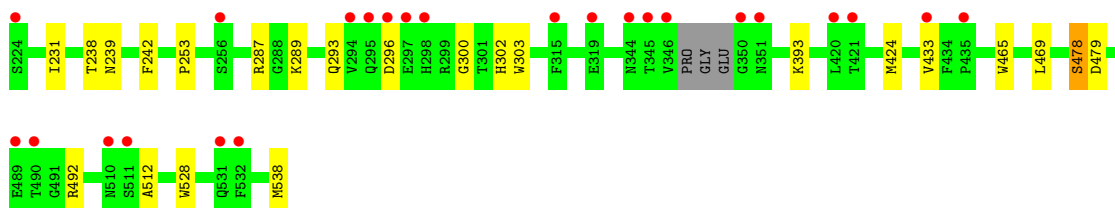
3 Residue-property plots [i](#)

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.

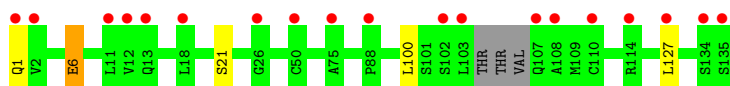
- Molecule 1: Capsid protein



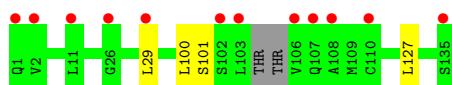
- Molecule 1: Capsid protein



- Molecule 2: Nanobody (VHH) Nano-32



- Molecule 2: Nanobody (VHH) Nano-32



4 Data and refinement statistics

Property	Value	Source
Space group	P 41 21 2	Depositor
Cell constants a, b, c, α , β , γ	109.66Å 109.66Å 268.32Å 90.00° 90.00° 90.00°	Depositor
Resolution (Å)	49.04 – 2.19 49.04 – 2.19	Depositor EDS
% Data completeness (in resolution range)	99.7 (49.04-2.19) 99.8 (49.04-2.19)	Depositor EDS
R_{merge}	0.06	Depositor
R_{sym}	(Not available)	Depositor
$\langle I/\sigma(I) \rangle$ ¹	2.18 (at 2.20Å)	Xtriage
Refinement program	PHENIX 1.9_1692	Depositor
R, R_{free}	0.172 , 0.193 0.184 , 0.183	Depositor DCC
R_{free} test set	4215 reflections (5.00%)	wwPDB-VP
Wilson B-factor (Å ²)	45.8	Xtriage
Anisotropy	0.519	Xtriage
Bulk solvent k_{sol} (e/Å ³), B_{sol} (Å ²)	0.32 , 49.7	EDS
L-test for twinning ²	$\langle L \rangle = 0.48$, $\langle L^2 \rangle = 0.31$	Xtriage
Estimated twinning fraction	No twinning to report.	Xtriage
F_o, F_c correlation	0.96	EDS
Total number of atoms	7002	wwPDB-VP
Average B, all atoms (Å ²)	63.0	wwPDB-VP

Xtriage's analysis on translational NCS is as follows: *The largest off-origin peak in the Patterson function is 3.58% 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: EDO, IMD

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	A	0.37	0/2464	0.71	0/3379
1	B	0.36	0/2485	0.69	0/3407
2	C	0.30	0/972	0.70	0/1321
2	D	0.32	0/974	0.71	0/1323
All	All	0.35	0/6895	0.70	0/9430

There are no bond length outliers.

There are no bond angle outliers.

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	A	2388	0	2283	9	0
1	B	2409	0	2302	16	0
2	C	949	0	896	2	0
2	D	951	0	893	1	0
3	A	5	0	5	1	0
3	B	5	0	5	0	0
4	A	32	0	48	1	0
4	B	28	0	42	1	0
5	A	112	0	0	1	0

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Mol	Chain	Non-H	H(model)	H(added)	Clashes	Symm-Clashes
5	B	84	0	0	1	0
5	C	15	0	0	0	0
5	D	24	0	0	0	0
All	All	7002	0	6474	25	0

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 (25) 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:B:478:SER:HB3	1:B:528:TRP:HB3	1.80	0.63
3:A:601:IMD:H4	1:B:231:ILE:HB	1.84	0.59
1:A:272:LEU:HB2	4:A:604:EDO:H21	1.91	0.52
1:A:280:PRO:HD2	1:B:238[B]:THR:HG21	1.92	0.51
2:C:6:GLU:HA	2:C:21:SER:O	2.11	0.50
1:B:424:MET:HE2	1:B:424:MET:HB3	1.83	0.48
1:B:293:GLN:HB2	1:B:303:TRP:CZ3	2.49	0.47
1:A:296:ASP:HB3	1:A:302:HIS:CD2	2.49	0.46
1:B:287:ARG:HH22	2:C:1:GLN:HG2	1.80	0.46
1:B:478:SER:OG	1:B:479:ASP:N	2.48	0.45
1:A:316:ASP:HB3	1:A:319[B]:GLU:HG3	1.98	0.45
1:B:296:ASP:HB3	1:B:302:HIS:CE1	2.52	0.44
1:B:300:GLY:HA3	4:B:603:EDO:H22	2.00	0.44
1:A:393:LYS:HE2	5:A:745:HOH:O	2.16	0.44
1:B:492:ARG:NH2	2:D:101:SER:O	2.45	0.43
1:A:242:PHE:CG	1:A:243:PRO:HD2	2.53	0.43
1:A:538:MET:HE3	1:A:538:MET:HB2	1.86	0.43
1:B:538:MET:HE3	1:B:538:MET:HB2	1.94	0.43
1:B:239:ASN:HB3	1:B:242:PHE:O	2.18	0.43
1:B:253:PRO:HD2	1:B:512:ALA:HB2	2.01	0.43
1:B:465:TRP:O	1:B:469:LEU:HG	2.20	0.42
1:B:393:LYS:HE2	5:B:710:HOH:O	2.20	0.41
1:A:242:PHE:CD2	1:A:243:PRO:HD2	2.55	0.41
1:B:289:LYS:HE2	1:B:289:LYS:HB3	1.84	0.41
1:A:487:ASN:HA	1:A:488:PRO:HD3	1.87	0.41

There are no symmetry-related clashes.

5.3 Torsion angles [i](#)

5.3.1 Protein backbone [i](#)

In the following table, the Percentiles column shows the percent Ramachandran outliers of the chain as a percentile score with respect to all 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	A	309/315 (98%)	300 (97%)	9 (3%)	0	100	100
1	B	312/315 (99%)	305 (98%)	7 (2%)	0	100	100
2	C	129/135 (96%)	127 (98%)	2 (2%)	0	100	100
2	D	130/135 (96%)	129 (99%)	1 (1%)	0	100	100
All	All	880/900 (98%)	861 (98%)	19 (2%)	0	100	100

There are no Ramachandran outliers to report.

5.3.2 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 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	A	259/270 (96%)	258 (100%)	1 (0%)	84	92
1	B	262/270 (97%)	260 (99%)	2 (1%)	73	85
2	C	94/104 (90%)	91 (97%)	3 (3%)	34	47
2	D	95/104 (91%)	92 (97%)	3 (3%)	34	47
All	All	710/748 (95%)	701 (99%)	9 (1%)	61	76

All (9) residues with a non-rotameric sidechain are listed below:

Mol	Chain	Res	Type
1	A	433	VAL
1	B	433	VAL

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Mol	Chain	Res	Type
1	B	478	SER
2	C	6	GLU
2	C	100	LEU
2	C	127	LEU
2	D	29	LEU
2	D	100	LEU
2	D	127	LEU

Sometimes sidechains can be flipped to improve hydrogen bonding and reduce clashes. All (5) such sidechains are listed below:

Mol	Chain	Res	Type
1	A	333	GLN
1	B	298	HIS
1	B	333	GLN
1	B	502	ASN
2	C	1	GLN

5.3.3 RNA [i](#)

There are no RNA molecules in this entry.

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

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

5.5 Carbohydrates [i](#)

There are no oligosaccharides in this entry.

5.6 Ligand geometry [i](#)

17 ligands are modelled in this entry.

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
3	IMD	B	601	-	5,5,5	0.65	0	5,5,5	0.43	0
4	EDO	A	606	-	3,3,3	0.52	0	2,2,2	0.14	0
4	EDO	B	605	-	3,3,3	0.43	0	2,2,2	0.39	0
4	EDO	B	602	-	3,3,3	0.42	0	2,2,2	0.36	0
4	EDO	B	603	-	3,3,3	0.40	0	2,2,2	0.53	0
4	EDO	B	607	-	3,3,3	0.42	0	2,2,2	0.42	0
4	EDO	B	608	-	3,3,3	0.45	0	2,2,2	0.35	0
4	EDO	A	603	-	3,3,3	0.43	0	2,2,2	0.37	0
4	EDO	A	605	-	3,3,3	0.40	0	2,2,2	0.39	0
4	EDO	A	609	-	3,3,3	0.44	0	2,2,2	0.36	0
4	EDO	B	604	-	3,3,3	0.38	0	2,2,2	0.53	0
4	EDO	B	606	-	3,3,3	0.42	0	2,2,2	0.42	0
4	EDO	A	608	-	3,3,3	0.41	0	2,2,2	0.44	0
4	EDO	A	602	-	3,3,3	0.47	0	2,2,2	0.28	0
3	IMD	A	601	-	5,5,5	0.63	0	5,5,5	0.45	0
4	EDO	A	607	-	3,3,3	0.45	0	2,2,2	0.35	0
4	EDO	A	604	-	3,3,3	0.44	0	2,2,2	0.27	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
4	EDO	B	605	-	-	0/1/1/1	-
3	IMD	B	601	-	-	-	0/1/1/1
4	EDO	B	602	-	-	0/1/1/1	-
4	EDO	B	603	-	-	1/1/1/1	-
4	EDO	B	607	-	-	1/1/1/1	-
4	EDO	B	608	-	-	0/1/1/1	-
4	EDO	A	605	-	-	0/1/1/1	-
4	EDO	A	603	-	-	0/1/1/1	-
4	EDO	A	609	-	-	0/1/1/1	-
4	EDO	B	604	-	-	1/1/1/1	-
4	EDO	B	606	-	-	0/1/1/1	-
4	EDO	A	608	-	-	0/1/1/1	-
4	EDO	A	602	-	-	1/1/1/1	-
4	EDO	A	607	-	-	1/1/1/1	-
3	IMD	A	601	-	-	-	0/1/1/1
4	EDO	A	604	-	-	0/1/1/1	-
4	EDO	A	606	-	-	1/1/1/1	-

There are no bond length outliers.

There are no bond angle outliers.

There are no chirality outliers.

All (6) torsion outliers are listed below:

Mol	Chain	Res	Type	Atoms
4	B	607	EDO	O1-C1-C2-O2
4	A	606	EDO	O1-C1-C2-O2
4	A	607	EDO	O1-C1-C2-O2
4	B	603	EDO	O1-C1-C2-O2
4	A	602	EDO	O1-C1-C2-O2
4	B	604	EDO	O1-C1-C2-O2

There are no ring outliers.

3 monomers are involved in 3 short contacts:

Mol	Chain	Res	Type	Clashes	Symm-Clashes
4	B	603	EDO	1	0
3	A	601	IMD	1	0
4	A	604	EDO	1	0

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	A	310/315 (98%)	0.08	16 (5%) 33 29	32, 49, 85, 118	3 (0%)
1	B	312/315 (99%)	0.33	24 (7%) 19 17	21, 60, 96, 133	4 (1%)
2	C	132/135 (97%)	0.98	19 (14%) 6 4	49, 76, 107, 150	1 (0%)
2	D	133/135 (98%)	0.78	12 (9%) 15 12	47, 71, 108, 143	1 (0%)
All	All	887/900 (98%)	0.41	71 (8%) 18 16	21, 60, 102, 150	9 (1%)

All (71) RSRZ outliers are listed below:

Mol	Chain	Res	Type	RSRZ
1	B	532	PHE	8.6
1	A	346	VAL	7.5
2	C	108	ALA	7.2
1	B	346	VAL	7.1
2	C	135	SER	6.7
2	D	106	VAL	6.6
2	D	108	ALA	6.5
1	A	345	THR	6.5
2	D	107	GLN	5.8
1	A	344	ASN	5.2
2	C	107	GLN	5.2
1	B	531	GLN	5.1
2	D	135	SER	5.1
1	A	420	LEU	5.0
1	B	510	ASN	5.0
1	B	351	ASN	4.8
1	B	224	SER	4.5
2	D	1	GLN	4.5
1	A	489	GLU	4.3
2	D	103	LEU	4.3
1	B	420	LEU	4.2

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Mol	Chain	Res	Type	RSRZ
1	A	224	SER	4.1
1	A	532	PHE	3.8
1	A	510	ASN	3.7
1	A	531	GLN	3.6
1	B	435	PRO	3.5
2	D	11	LEU	3.5
1	B	295	GLN	3.4
1	B	345	THR	3.3
2	C	75	ALA	3.3
1	A	435	PRO	3.2
2	C	13	GLN	3.2
1	B	315	PHE	3.2
2	C	26	GLY	3.2
1	B	297	GLU	3.1
1	B	296	ASP	3.1
2	C	50	CYS	3.1
1	B	344	ASN	3.0
1	B	350	GLY	3.0
2	D	102	SER	3.0
1	B	298	HIS	2.9
2	C	1	GLN	2.9
2	C	18	LEU	2.8
2	C	103	LEU	2.8
2	C	110	CYS	2.8
2	D	26	GLY	2.8
2	C	11	LEU	2.8
1	A	434[A]	PHE	2.7
1	B	511[A]	SER	2.7
1	B	421	THR	2.6
2	C	2	VAL	2.6
1	A	433	VAL	2.6
1	B	490	THR	2.6
2	C	127	LEU	2.6
1	A	352	LEU	2.5
2	C	102	SER	2.4
1	B	433	VAL	2.4
1	A	421	THR	2.4
1	A	490	THR	2.4
1	A	297	GLU	2.4
1	B	294	VAL	2.4
2	D	2	VAL	2.4
2	D	110	CYS	2.3

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Mol	Chain	Res	Type	RSRZ
2	D	29	LEU	2.2
1	B	256	SER	2.2
2	C	114	ARG	2.2
2	C	88	PRO	2.2
1	B	319	GLU	2.1
2	C	134	SER	2.1
1	B	489	GLU	2.1
2	C	12	VAL	2.0

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

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

6.3 Carbohydrates ⓘ

There are no oligosaccharides in this entry.

6.4 Ligands ⓘ

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
4	EDO	A	609	4/4	0.65	0.28	89,91,95,97	0
4	EDO	A	607	4/4	0.77	0.26	72,80,85,87	0
4	EDO	B	607	4/4	0.83	0.22	81,83,87,87	0
4	EDO	B	605	4/4	0.85	0.17	78,85,85,88	0
4	EDO	A	606	4/4	0.86	0.24	61,71,72,72	0
3	IMD	B	601	5/5	0.87	0.23	92,93,94,94	0
4	EDO	B	606	4/4	0.88	0.21	75,78,80,87	0
4	EDO	B	603	4/4	0.88	0.21	71,83,84,85	0
4	EDO	A	604	4/4	0.89	0.21	68,69,77,93	0
3	IMD	A	601	5/5	0.89	0.20	83,86,90,93	0
4	EDO	A	608	4/4	0.90	0.17	74,77,80,81	0
4	EDO	B	604	4/4	0.91	0.19	50,58,59,66	0
4	EDO	A	602	4/4	0.91	0.19	50,59,62,69	0
4	EDO	A	605	4/4	0.93	0.15	47,53,55,65	0
4	EDO	B	608	4/4	0.93	0.15	54,57,63,65	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
4	EDO	B	602	4/4	0.94	0.23	55,55,56,67	0
4	EDO	A	603	4/4	0.97	0.12	53,67,67,72	0

6.5 Other polymers [i](#)

There are no such residues in this entry.