



wwPDB EM Validation Summary Report ⓘ

Nov 3, 2024 – 11:02 pm GMT

PDB ID : 7BB7
EMDB ID : EMD-12129
Title : AVP-V2R-Galphas-beta1-gamma2-Nb35(T state)
Authors : Bous, J.; Mouillac, B.; Bron, P.; Granier, S.; Floquet, N.; Leyrat, C.
Deposited on : 2020-12-17
Resolution : 4.40 Å(reported)

This is a wwPDB EM 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/EMValidationReportHelp>

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:

EMDB validation analysis : 0.0.1.dev113
MolProbity : 4.02b-467
Percentile statistics : 20231227.v01 (using entries in the PDB archive December 27th 2023)
MapQ : 1.9.13
Ideal geometry (proteins) : Engh & Huber (2001)
Ideal geometry (DNA, RNA) : Parkinson et al. (1996)
Validation Pipeline (wwPDB-VP) : 2.39

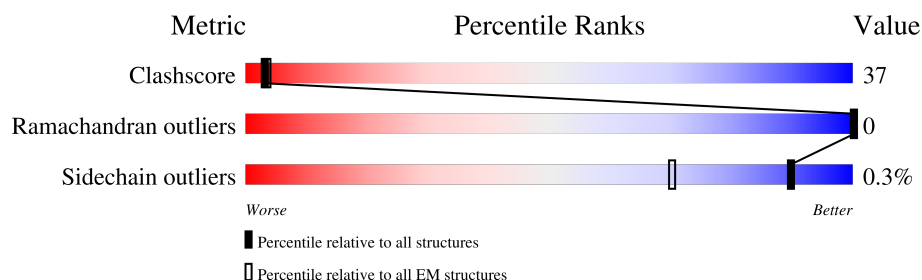
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

ELECTRON MICROSCOPY

The reported resolution of this entry is 4.40 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)	EM structures (#Entries)
Clashscore	210492	15764
Ramachandran outliers	207382	16835
Sidechain outliers	206894	16415

The table below summarises the geometric issues observed across the polymeric chains and their fit to the map. The red, orange, yellow and green segments of the 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 EM map (all-atom inclusion $< 40\%$). The numeric value is given above the bar.

Mol	Chain	Length	Quality of chain
1	A	440	<div> <div>10%</div> <div>27%</div> <div>33%</div> <div>39%</div> </div>
2	C	371	<div> <div>5%</div> <div>33%</div> <div>58%</div> <div>9%</div> </div>
3	E	394	<div> <div>5%</div> <div>22%</div> <div>34%</div> <div>45%</div> </div>
4	F	71	<div> <div>10%</div> <div>42%</div> <div>42%</div> <div>15%</div> </div>
5	G	138	<div> <div>5%</div> <div>38%</div> <div>55%</div> <div>7%</div> </div>
6	H	10	<div> <div>20%</div> <div>30%</div> <div>70%</div> </div>

2 Entry composition

There are 6 unique types of molecules in this entry. The entry contains 8038 atoms, of which 0 are hydrogens and 0 are deuteriums.

In the tables below, 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 Vasopressin V2 receptor.

Mol	Chain	Residues	Atoms					AltConf	Trace
1	A	268	Total	C	N	O	S	0	0
			2084	1372	356	341	15		

There are 79 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
A	-38	MET	-	initiating methionine	UNP P30518
A	-37	LYS	-	expression tag	UNP P30518
A	-36	THR	-	expression tag	UNP P30518
A	-35	ILE	-	expression tag	UNP P30518
A	-34	ILE	-	expression tag	UNP P30518
A	-33	ALA	-	expression tag	UNP P30518
A	-32	LEU	-	expression tag	UNP P30518
A	-31	SER	-	expression tag	UNP P30518
A	-30	TYR	-	expression tag	UNP P30518
A	-29	ILE	-	expression tag	UNP P30518
A	-28	PHE	-	expression tag	UNP P30518
A	-27	CYS	-	expression tag	UNP P30518
A	-26	LEU	-	expression tag	UNP P30518
A	-25	VAL	-	expression tag	UNP P30518
A	-24	PHE	-	expression tag	UNP P30518
A	-23	ALA	-	expression tag	UNP P30518
A	-22	ASP	-	expression tag	UNP P30518
A	-21	TYR	-	expression tag	UNP P30518
A	-20	LYS	-	expression tag	UNP P30518
A	-19	ASP	-	expression tag	UNP P30518
A	-18	ASP	-	expression tag	UNP P30518
A	-17	ASP	-	expression tag	UNP P30518
A	-16	ASP	-	expression tag	UNP P30518
A	-15	ALA	-	expression tag	UNP P30518
A	-14	GLU	-	expression tag	UNP P30518
A	-13	ASN	-	expression tag	UNP P30518
A	-12	LEU	-	expression tag	UNP P30518
A	-11	TYR	-	expression tag	UNP P30518

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Chain	Residue	Modelled	Actual	Comment	Reference
A	-10	PHE	-	expression tag	UNP P30518
A	-9	GLN	-	expression tag	UNP P30518
A	-8	GLY	-	expression tag	UNP P30518
A	-7	ALA	-	expression tag	UNP P30518
A	-6	SER	-	expression tag	UNP P30518
A	14	GLN	ASN	conflict	UNP P30518
A	23	LEU	-	insertion	UNP P30518
A	24	GLU	-	insertion	UNP P30518
A	25	VAL	-	insertion	UNP P30518
A	26	LEU	-	insertion	UNP P30518
A	27	PHE	-	insertion	UNP P30518
A	28	GLN	-	insertion	UNP P30518
A	29	GLY	-	insertion	UNP P30518
A	30	PRO	-	insertion	UNP P30518
A	346	LEU	ARG	conflict	UNP P30518
A	347	GLU	THR	conflict	UNP P30518
A	348	VAL	PRO	conflict	UNP P30518
A	349	LEU	PRO	conflict	UNP P30518
A	350	PHE	SER	conflict	UNP P30518
A	351	GLN	LEU	conflict	UNP P30518
A	358	ALA	CYS	conflict	UNP P30518
A	372	LEU	-	expression tag	UNP P30518
A	373	GLU	-	expression tag	UNP P30518
A	374	TRP	-	expression tag	UNP P30518
A	375	SER	-	expression tag	UNP P30518
A	376	HIS	-	expression tag	UNP P30518
A	377	PRO	-	expression tag	UNP P30518
A	378	GLN	-	expression tag	UNP P30518
A	379	PHE	-	expression tag	UNP P30518
A	380	GLU	-	expression tag	UNP P30518
A	381	LYS	-	expression tag	UNP P30518
A	382	GLY	-	expression tag	UNP P30518
A	383	GLY	-	expression tag	UNP P30518
A	384	GLY	-	expression tag	UNP P30518
A	385	SER	-	expression tag	UNP P30518
A	386	GLY	-	expression tag	UNP P30518
A	387	GLY	-	expression tag	UNP P30518
A	388	GLY	-	expression tag	UNP P30518
A	389	SER	-	expression tag	UNP P30518
A	390	GLY	-	expression tag	UNP P30518
A	391	GLY	-	expression tag	UNP P30518
A	392	GLY	-	expression tag	UNP P30518

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Chain	Residue	Modelled	Actual	Comment	Reference
A	393	SER	-	expression tag	UNP P30518
A	394	TRP	-	expression tag	UNP P30518
A	395	SER	-	expression tag	UNP P30518
A	396	HIS	-	expression tag	UNP P30518
A	397	PRO	-	expression tag	UNP P30518
A	398	GLN	-	expression tag	UNP P30518
A	399	PHE	-	expression tag	UNP P30518
A	400	GLU	-	expression tag	UNP P30518
A	401	LYS	-	expression tag	UNP P30518

- Molecule 2 is a protein called Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1.

Mol	Chain	Residues	Atoms					AltConf	Trace
2	C	339	Total	C	N	O	S	0	0
			2607	1607	468	511	21		

There are 32 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
C	-30	MET	-	initiating methionine	UNP P62873
C	-29	TRP	-	expression tag	UNP P62873
C	-28	SER	-	expression tag	UNP P62873
C	-27	HIS	-	expression tag	UNP P62873
C	-26	PRO	-	expression tag	UNP P62873
C	-25	GLN	-	expression tag	UNP P62873
C	-24	PHE	-	expression tag	UNP P62873
C	-23	GLU	-	expression tag	UNP P62873
C	-22	LYS	-	expression tag	UNP P62873
C	-21	GLY	-	expression tag	UNP P62873
C	-20	GLY	-	expression tag	UNP P62873
C	-19	GLY	-	expression tag	UNP P62873
C	-18	SER	-	expression tag	UNP P62873
C	-17	GLY	-	expression tag	UNP P62873
C	-16	GLY	-	expression tag	UNP P62873
C	-15	SER	-	expression tag	UNP P62873
C	-14	GLY	-	expression tag	UNP P62873
C	-13	GLY	-	expression tag	UNP P62873
C	-12	GLY	-	expression tag	UNP P62873
C	-11	SER	-	expression tag	UNP P62873
C	-10	TRP	-	expression tag	UNP P62873
C	-9	SER	-	expression tag	UNP P62873

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Chain	Residue	Modelled	Actual	Comment	Reference
C	-8	HIS	-	expression tag	UNP P62873
C	-7	PRO	-	expression tag	UNP P62873
C	-6	GLN	-	expression tag	UNP P62873
C	-5	PHE	-	expression tag	UNP P62873
C	-4	GLU	-	expression tag	UNP P62873
C	-3	LYS	-	expression tag	UNP P62873
C	-2	GLY	-	expression tag	UNP P62873
C	-1	SER	-	expression tag	UNP P62873
C	0	SER	-	expression tag	UNP P62873
C	1	GLY	-	expression tag	UNP P62873

- Molecule 3 is a protein called Guanine nucleotide-binding protein G(s) subunit alpha isoforms short.

Mol	Chain	Residues	Atoms					AltConf	Trace
3	E	218	Total	C	N	O	S	0	0
			1837	1161	334	336	6		

- Molecule 4 is a protein called Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-2.

Mol	Chain	Residues	Atoms					AltConf	Trace
4	F	60	Total	C	N	O	S	0	0
			462	288	82	89	3		

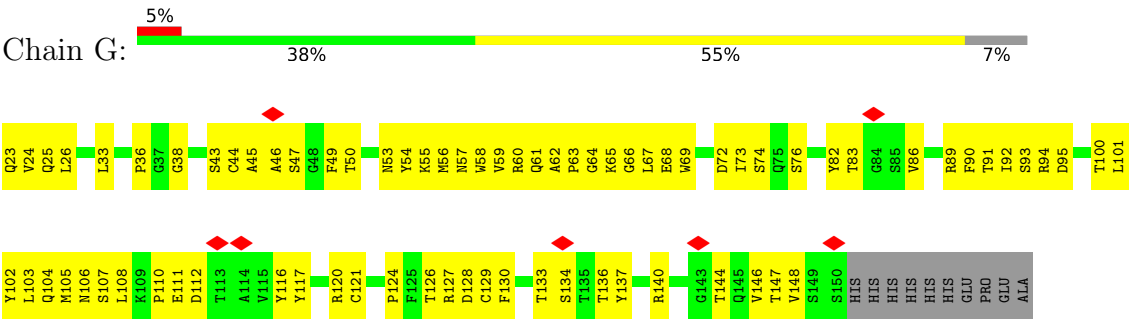
- Molecule 5 is a protein called Nanobody 35.

Mol	Chain	Residues	Atoms					AltConf	Trace
5	G	128	Total	C	N	O	S	0	0
			973	605	170	192	6		

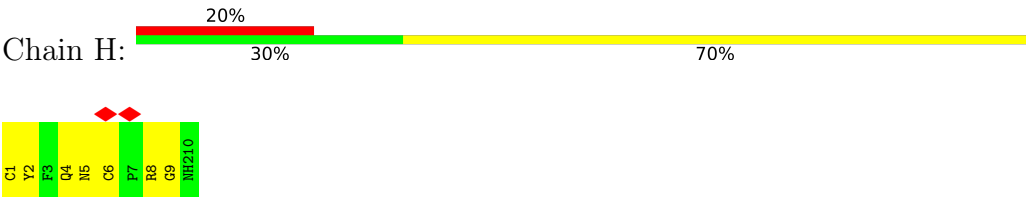
- Molecule 6 is a protein called Vasopressin.

Mol	Chain	Residues	Atoms					AltConf	Trace
6	H	10	Total	C	N	O	S	0	1
			75	46	15	12	2		

● Molecule 5: Nanobody 35



● Molecule 6: Vasopressin



4 Experimental information

Property	Value	Source
EM reconstruction method	SINGLE PARTICLE	Depositor
Imposed symmetry	POINT, Not provided	
Number of particles used	420953	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	PHASE FLIPPING AND AMPLITUDE CORRECTION	Depositor
Microscope	FEI TITAN KRIOS	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	41.19, 41.19	Depositor
Minimum defocus (nm)	Not provided	
Maximum defocus (nm)	Not provided	
Magnification	Not provided	
Image detector	GATAN K2 SUMMIT (4k x 4k), GATAN K2 SUMMIT (4k x 4k)	Depositor
Maximum map value	3.152	Depositor
Minimum map value	-2.358	Depositor
Average map value	-0.000	Depositor
Map value standard deviation	0.148	Depositor
Recommended contour level	0.113	Depositor
Map size (\AA)	146.61, 102.87, 117.45	wwPDB
Map dimensions	145, 127, 181	wwPDB
Map angles ($^\circ$)	90.0, 90.0, 90.0	wwPDB
Pixel spacing (\AA)	0.81, 0.81, 0.81	Depositor

5 Model quality

5.1 Standard geometry

Bond lengths and bond angles in the following residue types are not validated in this section: NH2

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	0.35	0/2139	0.61	1/2922 (0.0%)
2	C	0.41	0/2654	0.62	0/3597
3	E	0.42	0/1873	0.61	0/2519
4	F	0.32	0/468	0.55	0/631
5	G	0.40	0/993	0.57	0/1345
6	H	0.38	0/76	0.51	0/101
All	All	0.39	0/8203	0.60	1/11115 (0.0%)

Chiral center outliers are detected by calculating the chiral volume of a chiral center and verifying if the center is modelled as a planar moiety or with the opposite hand. A planarity outlier is detected by checking planarity of atoms in a peptide group, atoms in a mainchain group or atoms of a sidechain that are expected to be planar.

Mol	Chain	#Chirality outliers	#Planarity outliers
1	A	0	2

There are no bond length outliers.

All (1) bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
1	A	283	CYS	C-N-CA	-5.36	108.30	121.70

There are no chirality outliers.

All (2) planarity outliers are listed below:

Mol	Chain	Res	Type	Group
1	A	178	PHE	Peptide
1	A	179	ALA	Peptide

5.2 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 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	2084	0	2144	150	0
2	C	2607	0	2510	238	0
3	E	1837	0	1811	144	0
4	F	462	0	473	26	0
5	G	973	0	935	78	0
6	H	75	0	65	9	0
All	All	8038	0	7938	593	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 37.

The worst 5 of 593 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:A:328:PHE:HB3	3:E:393:LEU:HB2	1.35	1.04
2:C:54:HIS:HD2	2:C:56:ALA:H	1.21	0.89
1:A:116:LYS:HB2	1:A:175:LEU:HD21	1.55	0.88
2:C:231:ALA:HB3	2:C:244:GLY:HA3	1.57	0.87
2:C:104:ALA:HB3	2:C:113:ALA:HB3	1.56	0.87

There are no symmetry-related clashes.

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 PDB entries followed by that with respect to all EM 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	262/440 (60%)	225 (86%)	37 (14%)	0	100 100

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Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles	
2	C	337/371 (91%)	264 (78%)	73 (22%)	0	100	100
3	E	212/394 (54%)	158 (74%)	54 (26%)	0	100	100
4	F	58/71 (82%)	50 (86%)	8 (14%)	0	100	100
5	G	126/138 (91%)	87 (69%)	39 (31%)	0	100	100
6	H	8/10 (80%)	5 (62%)	3 (38%)	0	100	100
All	All	1003/1424 (70%)	789 (79%)	214 (21%)	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 PDB entries followed by that with respect to all EM 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	217/353 (62%)	216 (100%)	1 (0%)	86	90
2	C	282/304 (93%)	281 (100%)	1 (0%)	89	91
3	E	199/350 (57%)	198 (100%)	1 (0%)	86	90
4	F	49/58 (84%)	49 (100%)	0	100	100
5	G	106/115 (92%)	106 (100%)	0	100	100
6	H	8/8 (100%)	8 (100%)	0	100	100
All	All	861/1188 (72%)	858 (100%)	3 (0%)	90	92

All (3) residues with a non-rotameric sidechain are listed below:

Mol	Chain	Res	Type
1	A	106	ARG
2	C	134	ARG
3	E	13	ARG

Sometimes sidechains can be flipped to improve hydrogen bonding and reduce clashes. 5 of 11 such sidechains are listed below:

Mol	Chain	Res	Type
3	E	362	HIS
3	E	384	GLN
5	G	104	GLN
5	G	25	GLN
2	C	311	HIS

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](#)

There are no ligands in this entry.

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.

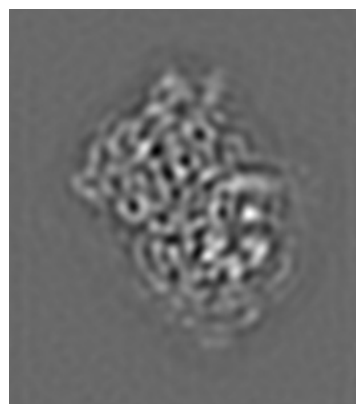
6 Map visualisation [i](#)

This section contains visualisations of the EMDB entry EMD-12129. These allow visual inspection of the internal detail of the map and identification of artifacts.

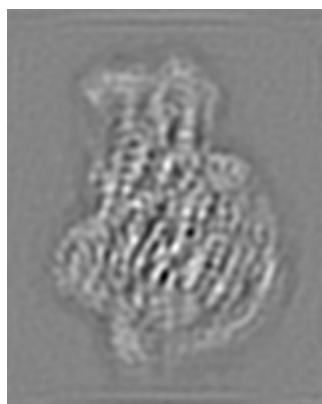
Images derived from a raw map, generated by summing the deposited half-maps, are presented below the corresponding image components of the primary map to allow further visual inspection and comparison with those of the primary map.

6.1 Orthogonal projections [i](#)

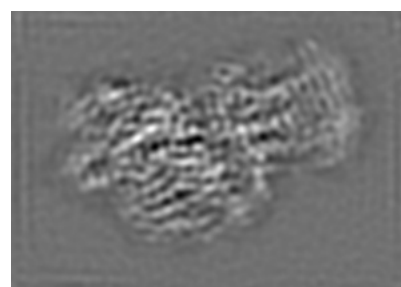
6.1.1 Primary map



X

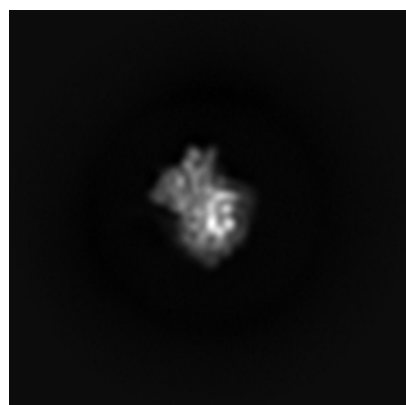


Y

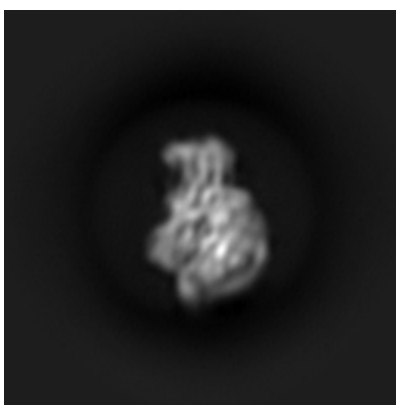


Z

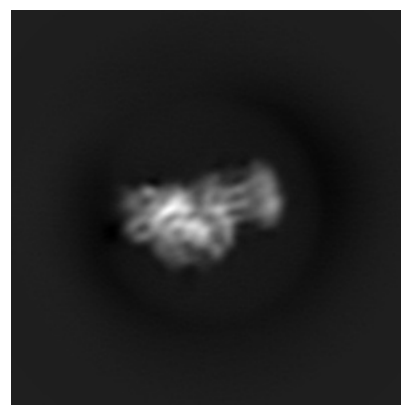
6.1.2 Raw map



X



Y

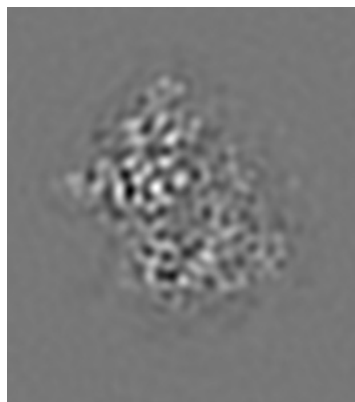


Z

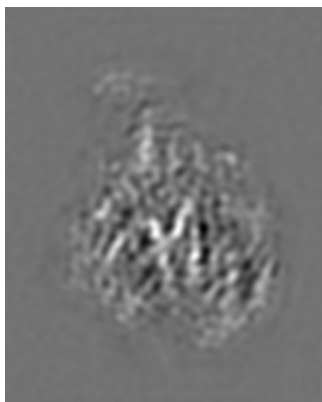
The images above show the map projected in three orthogonal directions.

6.2 Central slices [i](#)

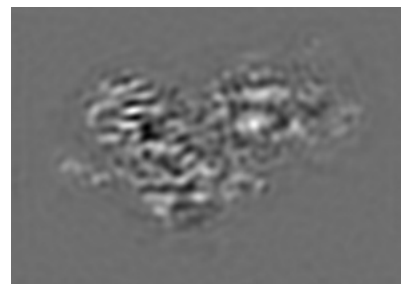
6.2.1 Primary map



X Index: 90

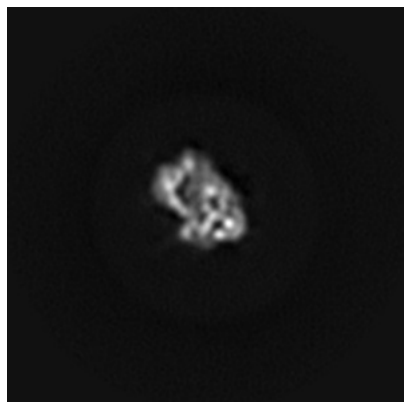


Y Index: 63

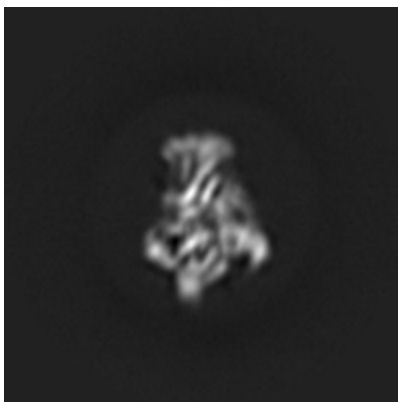


Z Index: 72

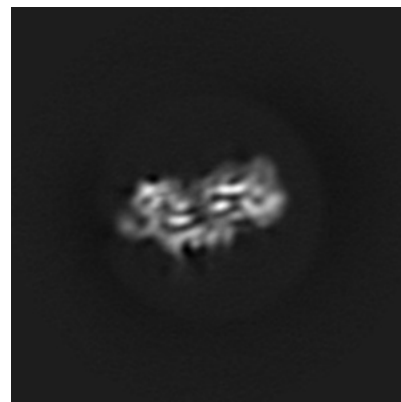
6.2.2 Raw map



X Index: 85



Y Index: 85

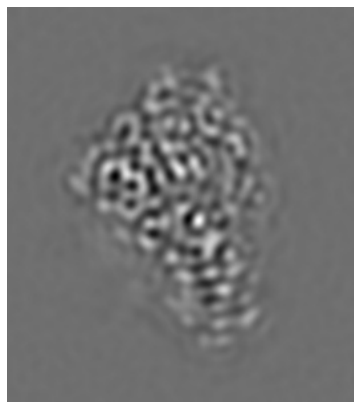


Z Index: 85

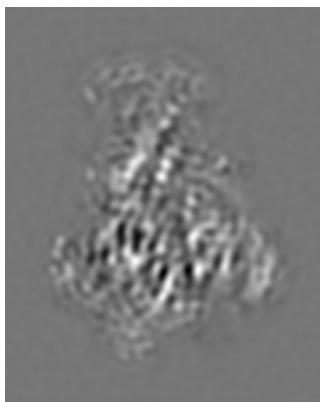
The images above show central slices of the map in three orthogonal directions.

6.3 Largest variance slices [i](#)

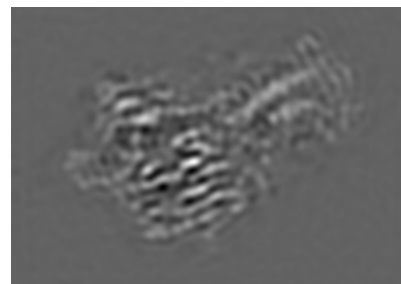
6.3.1 Primary map



X Index: 67

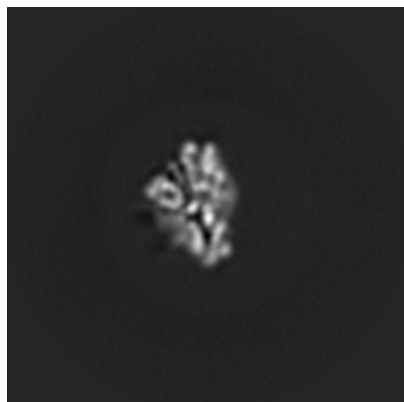


Y Index: 73

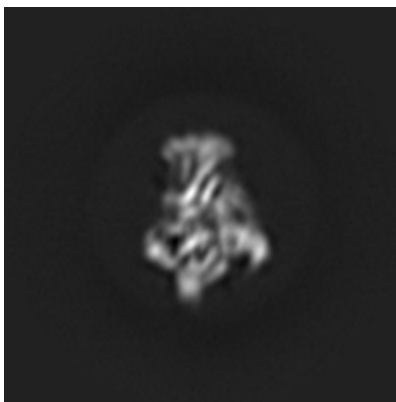


Z Index: 80

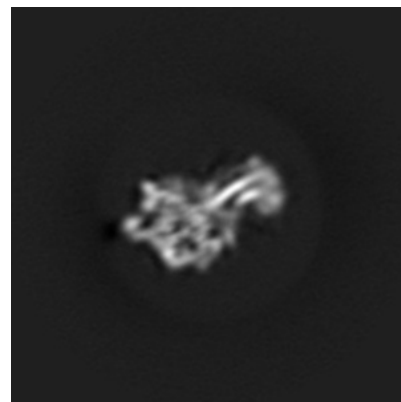
6.3.2 Raw map



X Index: 70



Y Index: 85

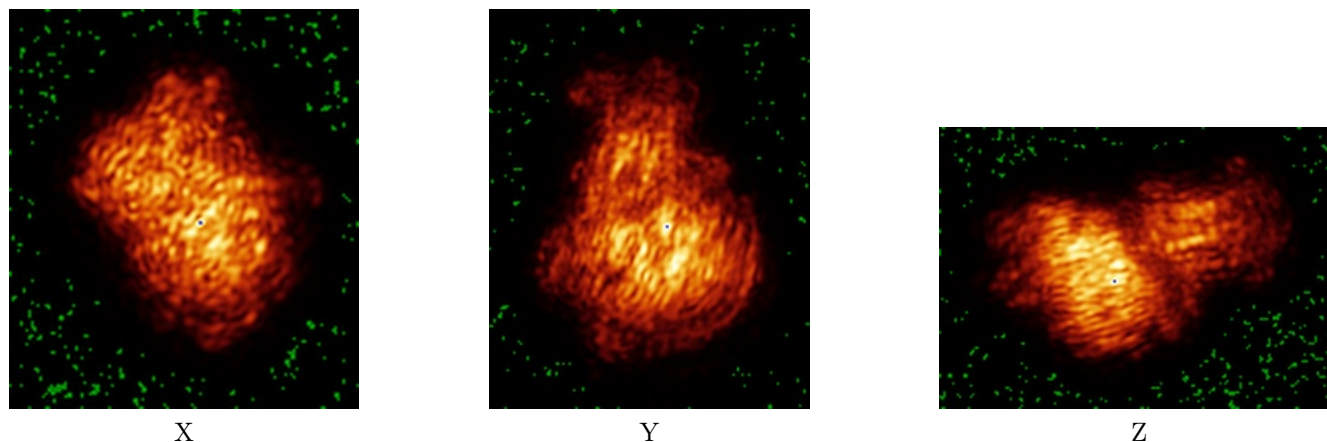


Z Index: 91

The images above show the largest variance slices of the map in three orthogonal directions.

6.4 Orthogonal standard-deviation projections (False-color) [i](#)

6.4.1 Primary map



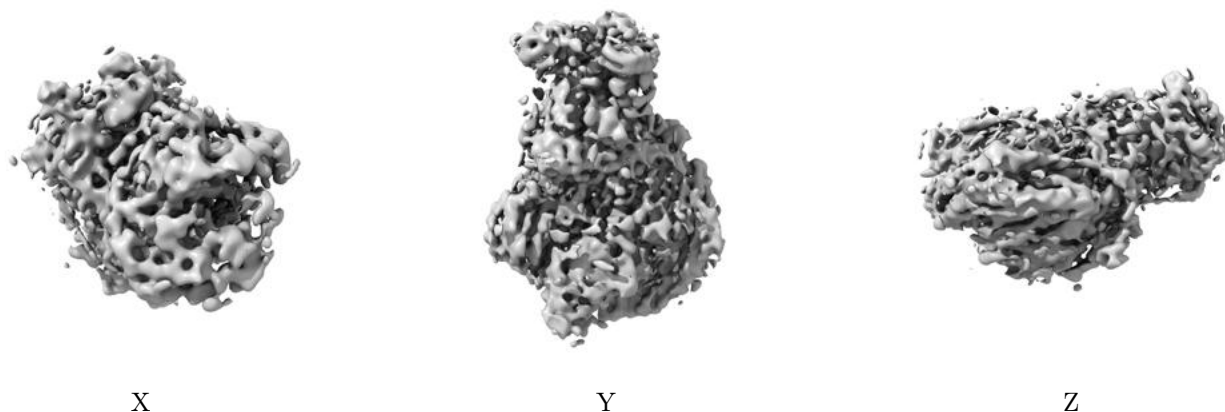
6.4.2 Raw map



The images above show the map standard deviation projections with false color in three orthogonal directions. Minimum values are shown in green, max in blue, and dark to light orange shades represent small to large values respectively.

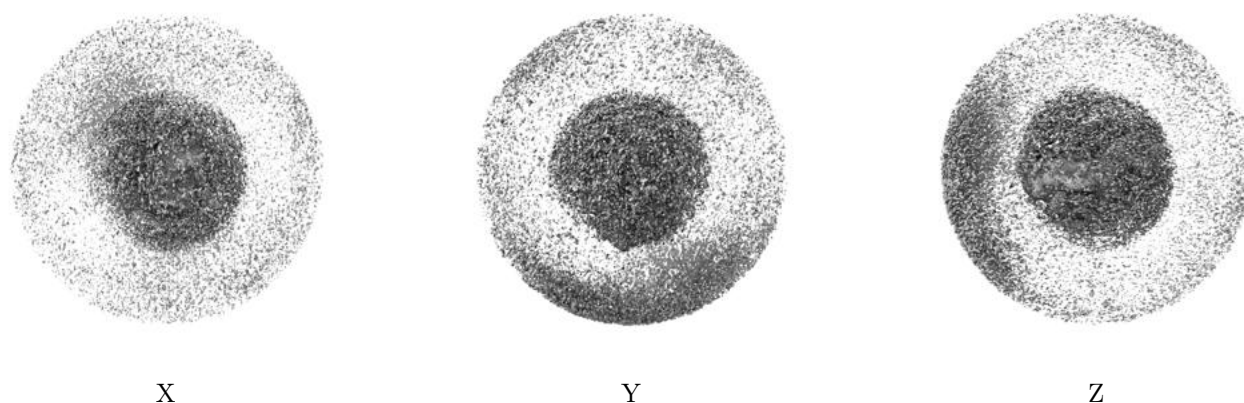
6.5 Orthogonal surface views [i](#)

6.5.1 Primary map



The images above show the 3D surface view of the map at the recommended contour level 0.113. These images, in conjunction with the slice images, may facilitate assessment of whether an appropriate contour level has been provided.

6.5.2 Raw map



These images show the 3D surface of the raw map. The raw map's contour level was selected so that its surface encloses the same volume as the primary map does at its recommended contour level.

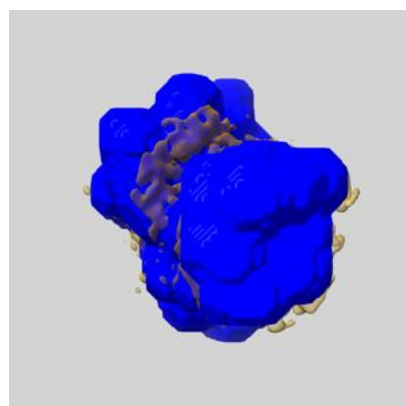
6.6 Mask visualisation [i](#)

This section shows the 3D surface view of the primary map at 50% transparency overlaid with the specified mask at 0% transparency

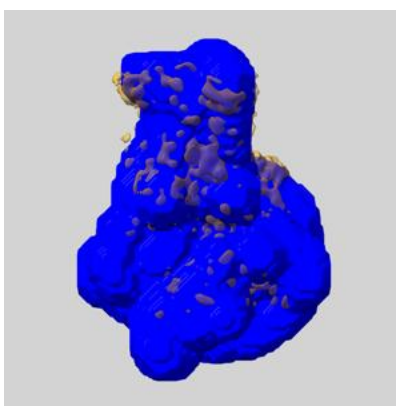
A mask typically either:

- Encompasses the whole structure
- Separates out a domain, a functional unit, a monomer or an area of interest from a larger structure

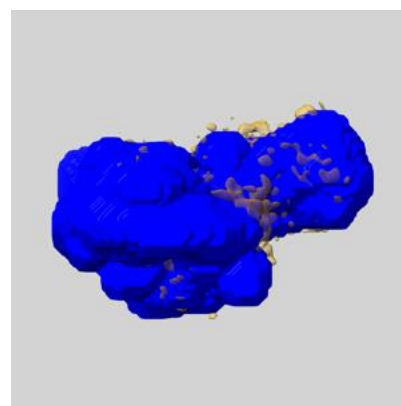
6.6.1 emd_12129_msk_1.map [i](#)



X



Y

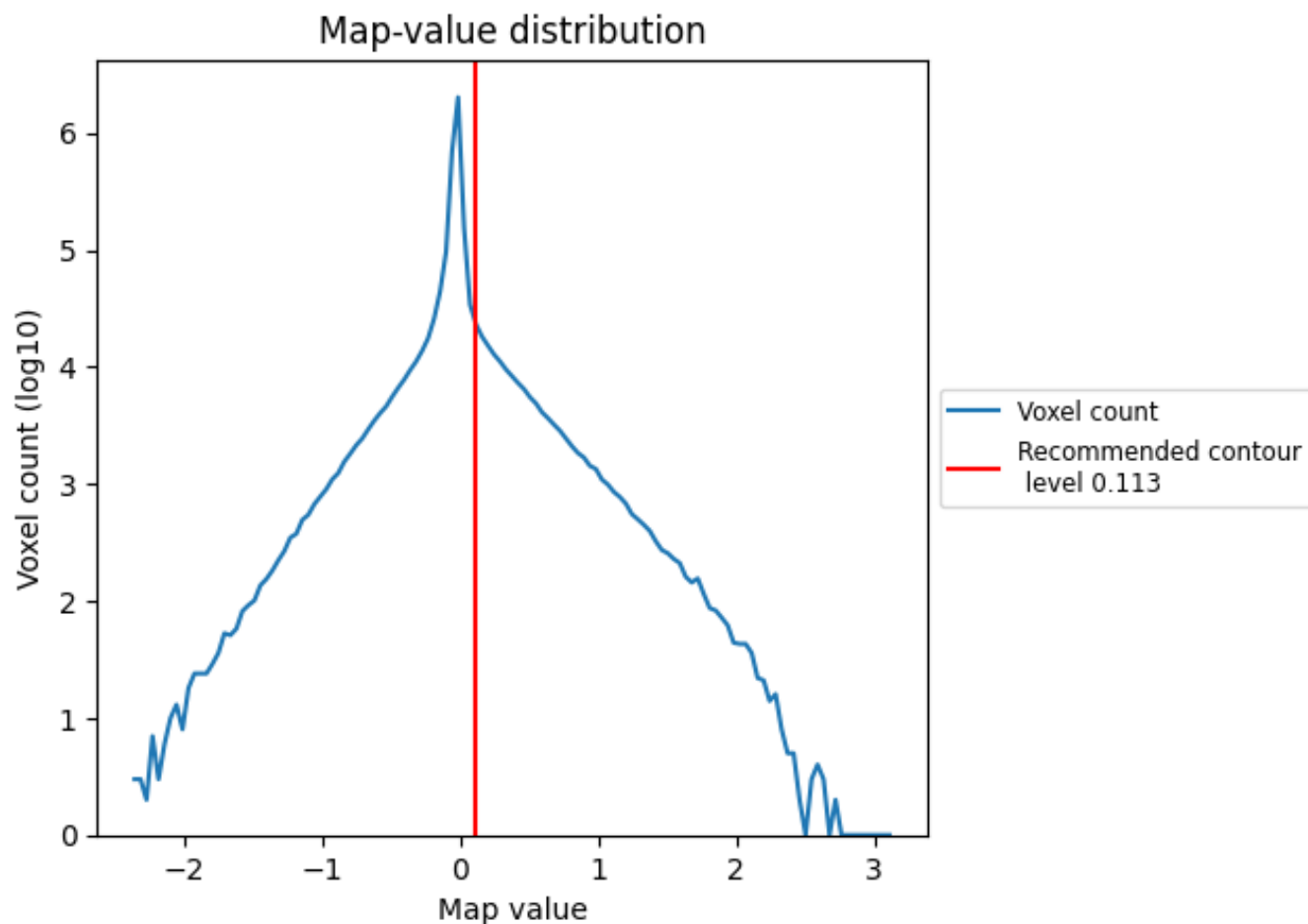


Z

7 Map analysis [i](#)

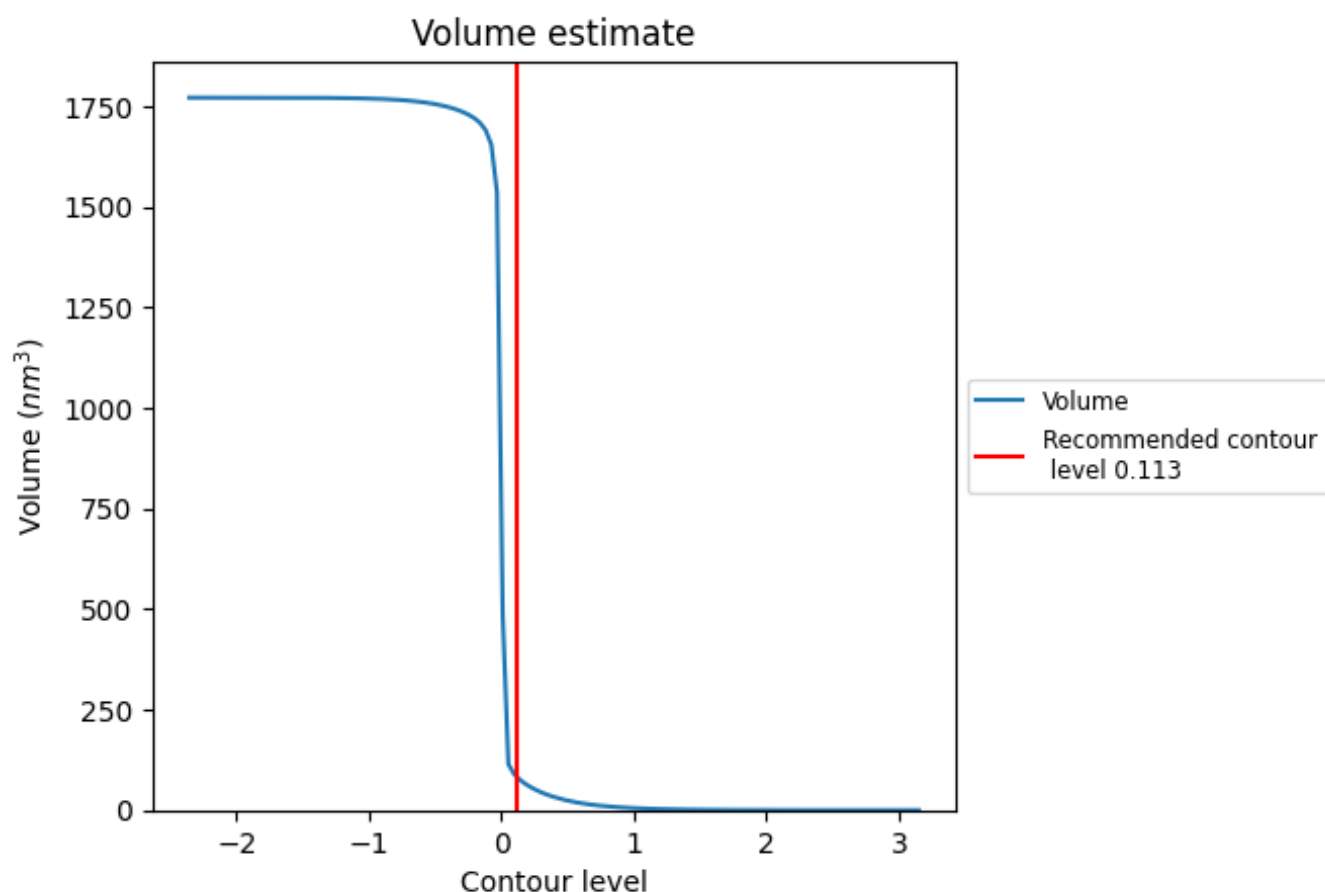
This section contains the results of statistical analysis of the map.

7.1 Map-value distribution [i](#)



The map-value distribution is plotted in 128 intervals along the x-axis. The y-axis is logarithmic. A spike in this graph at zero usually indicates that the volume has been masked.

7.2 Volume estimate [i](#)



The volume at the recommended contour level is 84 nm³; this corresponds to an approximate mass of 76 kDa.

The volume estimate graph shows how the enclosed volume varies with the contour level. The recommended contour level is shown as a vertical line and the intersection between the line and the curve gives the volume of the enclosed surface at the given level.

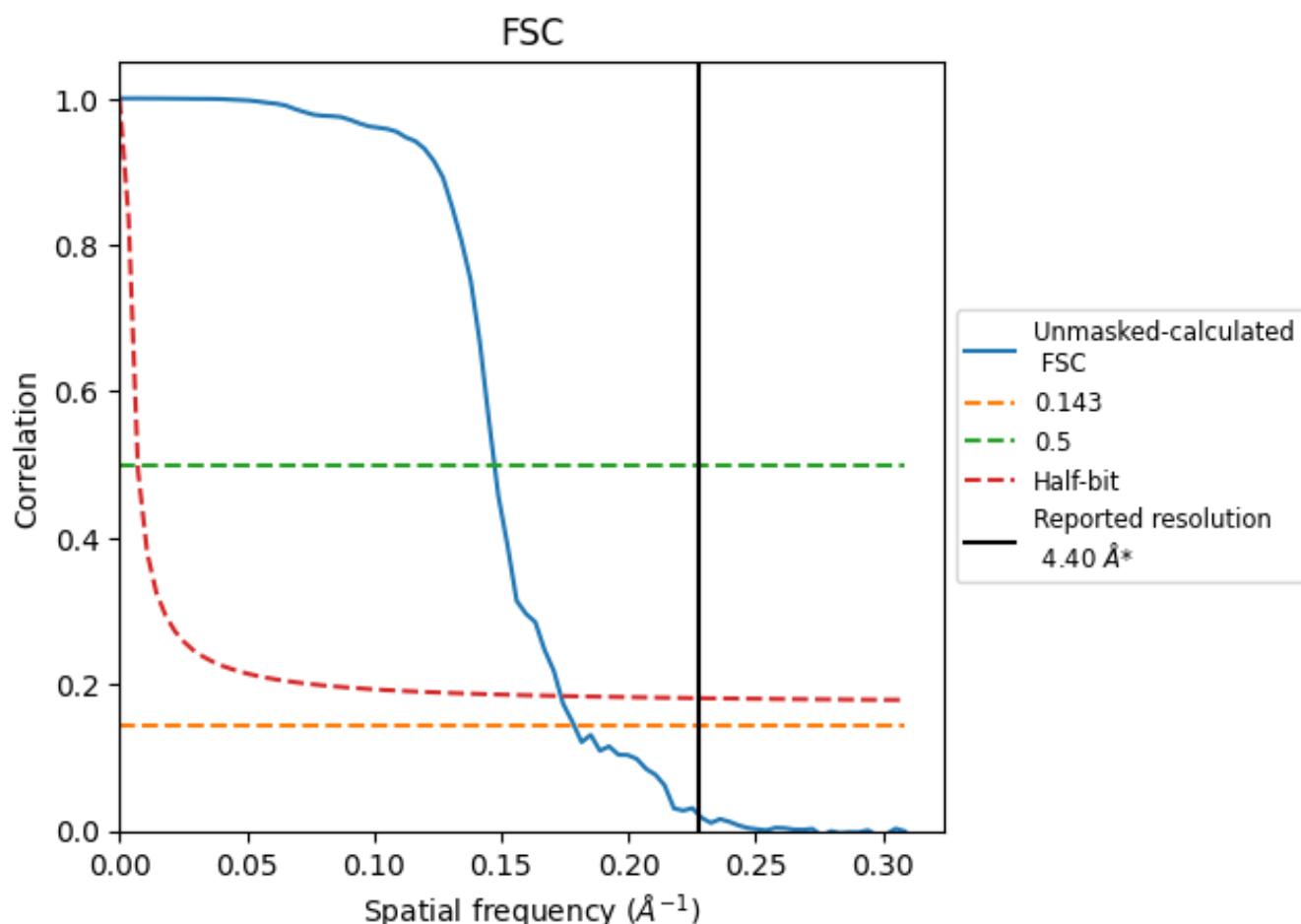
7.3 Rotationally averaged power spectrum [i](#)

This section was not generated. The rotationally averaged power spectrum is only generated for cubic maps.

8 Fourier-Shell correlation [i](#)

Fourier-Shell Correlation (FSC) is the most commonly used method to estimate the resolution of single-particle and subtomogram-averaged maps. The shape of the curve depends on the imposed symmetry, mask and whether or not the two 3D reconstructions used were processed from a common reference. The reported resolution is shown as a black line. A curve is displayed for the half-bit criterion in addition to lines showing the 0.143 gold standard cut-off and 0.5 cut-off.

8.1 FSC [i](#)



*Reported resolution corresponds to spatial frequency of 0.227 Å⁻¹

8.2 Resolution estimates [i](#)

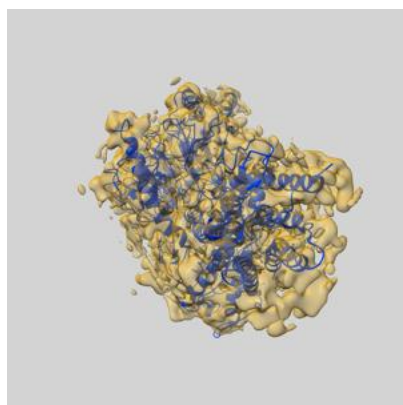
Resolution estimate (Å)	Estimation criterion (FSC cut-off)		
	0.143	0.5	Half-bit
Reported by author	4.40	-	-
Author-provided FSC curve	-	-	-
Unmasked-calculated*	5.60	6.78	5.77

*Resolution estimate based on FSC curve calculated by comparison of deposited half-maps. The value from deposited half-maps intersecting FSC 0.143 CUT-OFF 5.60 differs from the reported value 4.4 by more than 10 %

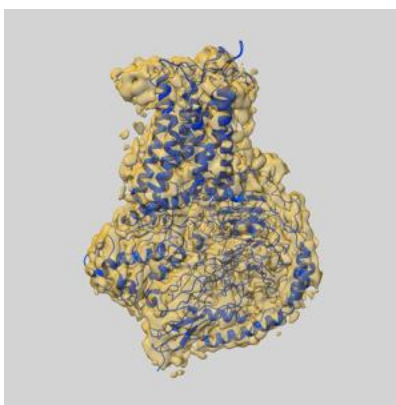
9 Map-model fit [i](#)

This section contains information regarding the fit between EMDB map EMD-12129 and PDB model 7BB7. Per-residue inclusion information can be found in section [3](#) on page [7](#).

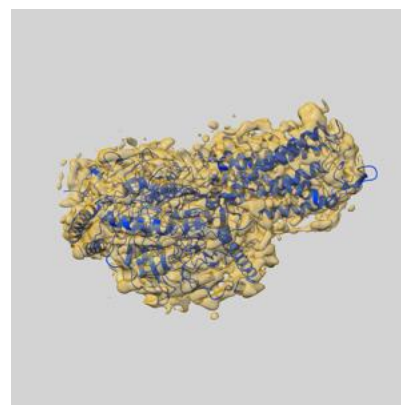
9.1 Map-model overlay [i](#)



X



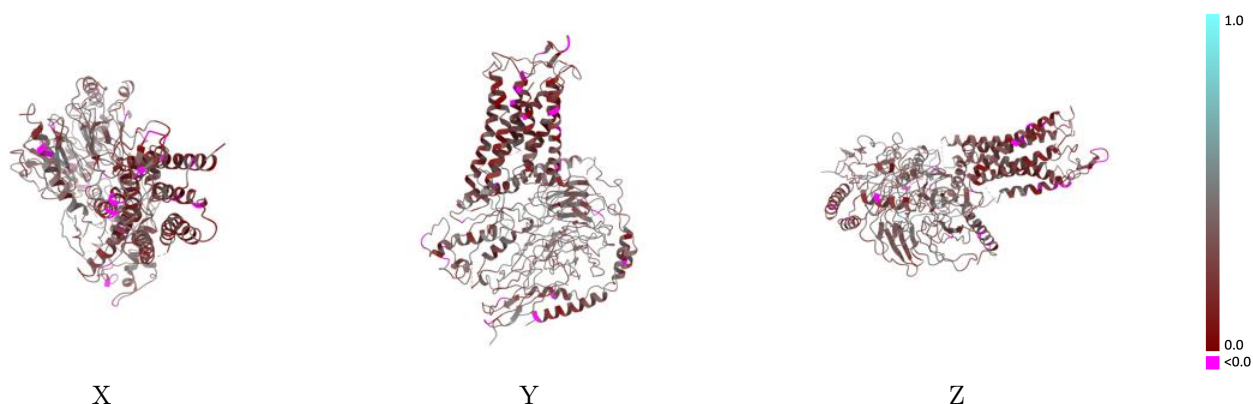
Y



Z

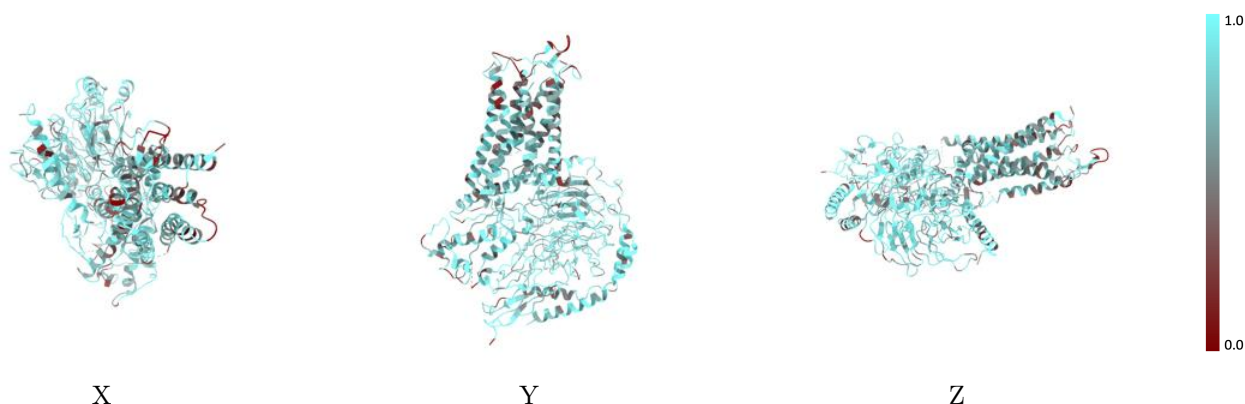
The images above show the 3D surface view of the map at the recommended contour level 0.113 at 50% transparency in yellow overlaid with a ribbon representation of the model coloured in blue. These images allow for the visual assessment of the quality of fit between the atomic model and the map.

9.2 Q-score mapped to coordinate model [i](#)



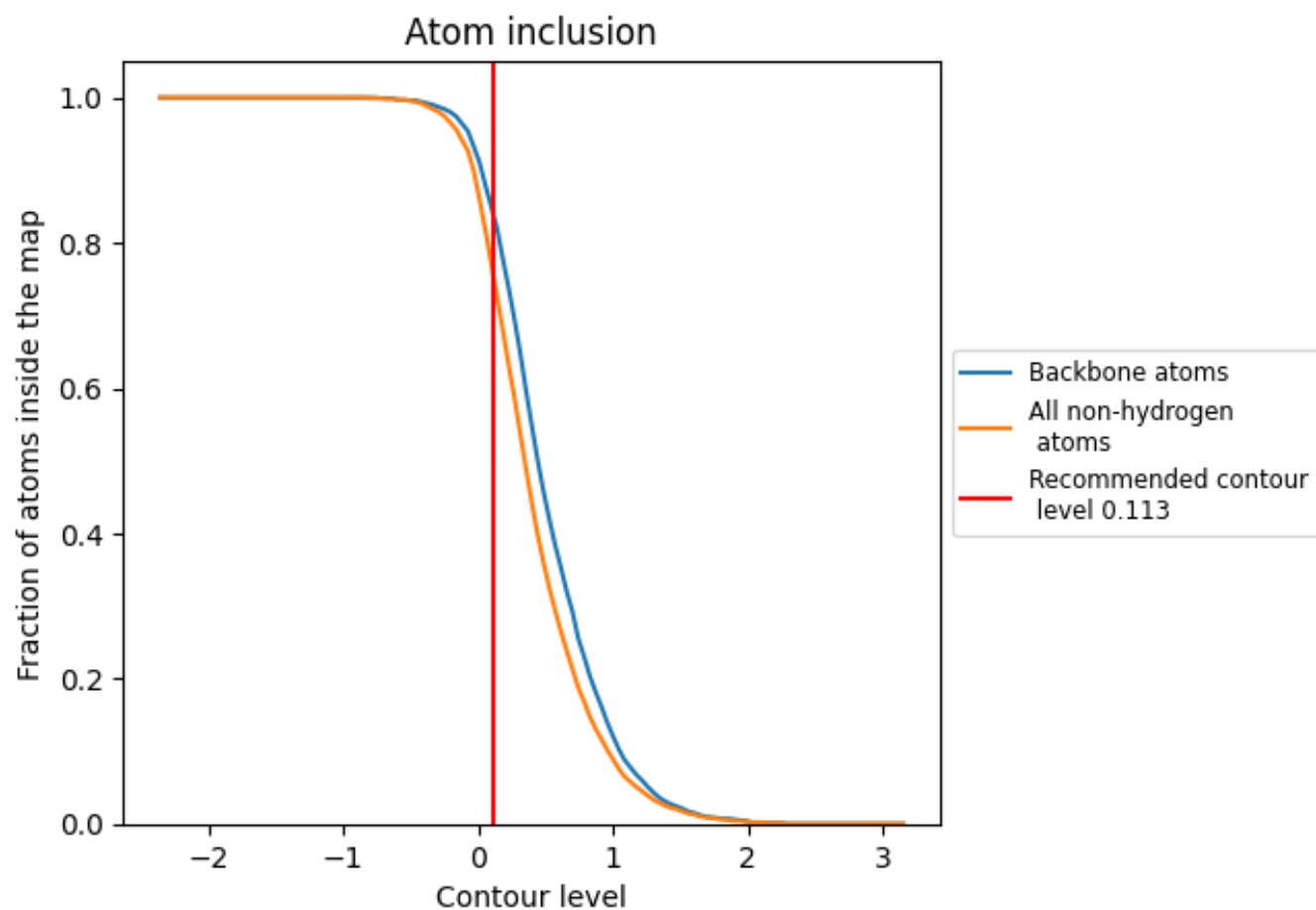
The images above show the model with each residue coloured according to its Q-score. This shows their resolvability in the map with higher Q-score values reflecting better resolvability. Please note: Q-score is calculating the resolvability of atoms, and thus high values are only expected at resolutions at which atoms can be resolved. Low Q-score values may therefore be expected for many entries.

9.3 Atom inclusion mapped to coordinate model [i](#)



The images above show the model with each residue coloured according to its atom inclusion. This shows to what extent they are inside the map at the recommended contour level (0.113).

9.4 Atom inclusion ⓘ



At the recommended contour level, 84% of all backbone atoms, 76% of all non-hydrogen atoms, are inside the map.

9.5 Map-model fit summary ⓘ

The table lists the average atom inclusion at the recommended contour level (0.113) and Q-score for the entire model and for each chain.

Chain	Atom inclusion	Q-score
All	<div><div></div>0.7550</div>	<div><div></div>0.3300</div>
A	<div><div></div>0.6520</div>	<div><div></div>0.2520</div>
C	<div><div></div>0.8060</div>	<div><div></div>0.3660</div>
E	<div><div></div>0.7790</div>	<div><div></div>0.3510</div>
F	<div><div></div>0.7560</div>	<div><div></div>0.3100</div>
G	<div><div></div>0.7980</div>	<div><div></div>0.3730</div>
H	<div><div></div>0.7360</div>	<div><div></div>0.3410</div>

1.0

0.0

<0.0