



## Full wwPDB EM Validation Report ⓘ

Apr 6, 2026 – 02:46 AM UTC

PDB ID : 9OUZ / pdb\_00009ouz  
EMDB ID : EMD-70884  
Title : Icosahedral D3 expanded capsid  
Authors : Belford, A.K.; Huet, A.; Maurer, J.B.; Duda, R.L.; Conway, J.F.  
Deposited on : 2025-05-29  
Resolution : 3.50 Å(reported)  
Based on initial model : 9OUS

This is a Full wwPDB EM Validation Report for a publicly released PDB entry.

We welcome your comments at [validation@mail.wwpdb.org](mailto: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>.

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

EMDB validation analysis : 0.0.1.dev132  
MolProbity : 4-5-2 with Phenix2.0  
Percentile statistics : 20250101.v01 (using entries in the PDB archive January 1st 2025)  
EM percentile statistics : 202505.v01 (Using data in the EMDb archive up until May 2025)  
MapQ : 1.9.13  
Ideal geometry (proteins) : Engh & Huber (2001)  
Ideal geometry (DNA, RNA) : Parkinson et al. (1996)  
Validation Pipeline (wwPDB-VP) : 2.49

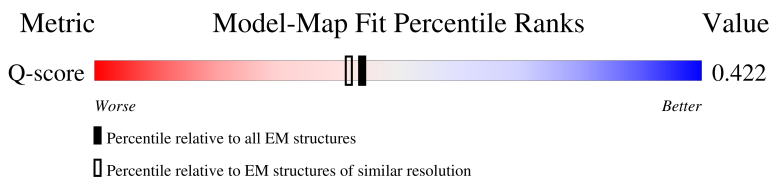
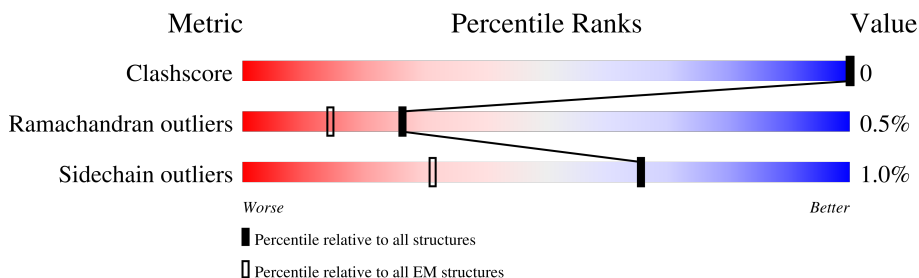
# 1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

*ELECTRON MICROSCOPY*

The reported resolution of this entry is 3.50 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)	Similar EM resolution (#Entries, resolution range(Å))
Clashscore	229148	23984	-
Ramachandran outliers	224038	23583	-
Sidechain outliers	223484	23102	-
Q-score	-	25397	13950 ( 3.00 - 4.00 )

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  $\geq 3$ , 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	395	
1	B	395	
1	C	395	
1	D	395	

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Mol	Chain	Length	Quality of chain
1	E	395	 70%29%
1	F	395	 69%29%
1	G	395	 69%29%
1	H	395	 70%29%
1	I	395	 69%29%

## 2 Entry composition [i](#)

There is only 1 type of molecule in this entry. The entry contains 38754 atoms, of which 19305 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 Major capsid protein.

Mol	Chain	Residues	Atoms						AltConf	Trace
1	A	282	Total	C	H	N	O	S	0	0
			4306	1359	2145	375	424	3		
1	B	282	Total	C	H	N	O	S	0	0
			4306	1359	2145	375	424	3		
1	C	282	Total	C	H	N	O	S	0	0
			4306	1359	2145	375	424	3		
1	D	282	Total	C	H	N	O	S	0	0
			4306	1359	2145	375	424	3		
1	E	282	Total	C	H	N	O	S	0	0
			4306	1359	2145	375	424	3		
1	F	282	Total	C	H	N	O	S	0	0
			4306	1359	2145	375	424	3		
1	G	282	Total	C	H	N	O	S	0	0
			4306	1359	2145	375	424	3		
1	H	282	Total	C	H	N	O	S	0	0
			4306	1359	2145	375	424	3		
1	I	282	Total	C	H	N	O	S	0	0
			4306	1359	2145	375	424	3		

There are 18 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
A	230	GLY	CYS	conflict	UNP Q9XJT3
A	299	THR	ASN	conflict	UNP Q9XJT3
B	230	GLY	CYS	conflict	UNP Q9XJT3
B	299	THR	ASN	conflict	UNP Q9XJT3
C	230	GLY	CYS	conflict	UNP Q9XJT3
C	299	THR	ASN	conflict	UNP Q9XJT3
D	230	GLY	CYS	conflict	UNP Q9XJT3
D	299	THR	ASN	conflict	UNP Q9XJT3
E	230	GLY	CYS	conflict	UNP Q9XJT3
E	299	THR	ASN	conflict	UNP Q9XJT3
F	230	GLY	CYS	conflict	UNP Q9XJT3
F	299	THR	ASN	conflict	UNP Q9XJT3

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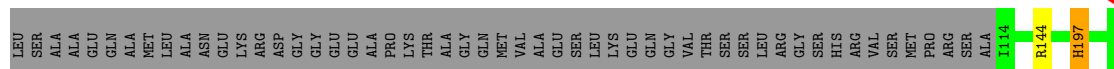
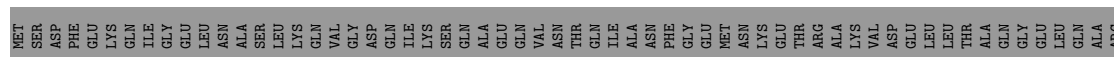
Chain	Residue	Modelled	Actual	Comment	Reference
G	230	GLY	CYS	conflict	UNP Q9XJT3
G	299	THR	ASN	conflict	UNP Q9XJT3
H	230	GLY	CYS	conflict	UNP Q9XJT3
H	299	THR	ASN	conflict	UNP Q9XJT3
I	230	GLY	CYS	conflict	UNP Q9XJT3
I	299	THR	ASN	conflict	UNP Q9XJT3





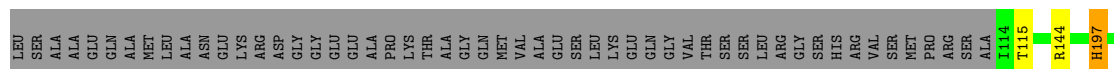
- Molecule 1: Major capsid protein

Chain D: 71% 29%



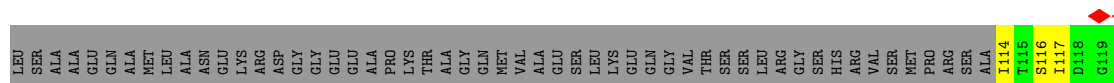
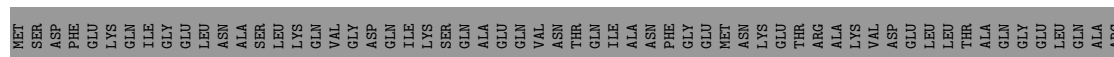
- Molecule 1: Major capsid protein

Chain E: 70% 29%



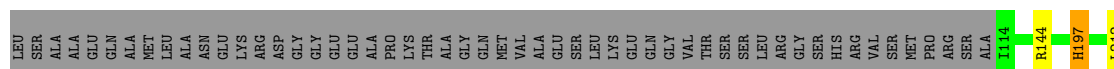
- Molecule 1: Major capsid protein

Chain F: 69% 29%



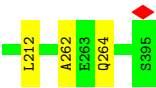
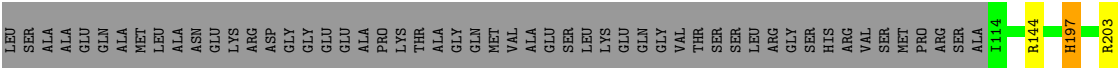
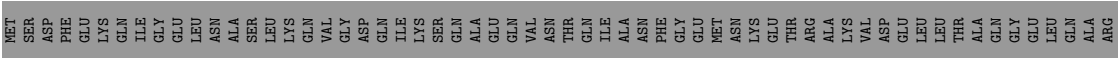
- Molecule 1: Major capsid protein

Chain G: 69% 29%

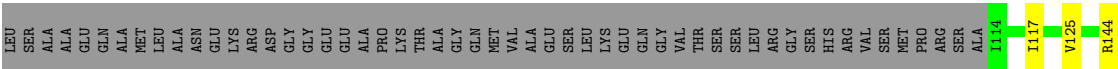
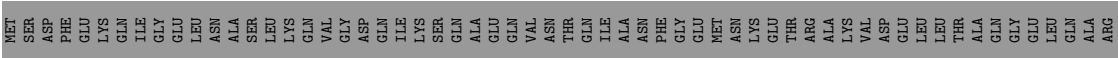




• Molecule 1: Major capsid protein



• Molecule 1: Major capsid protein





## 4 Experimental information

Property	Value	Source
EM reconstruction method	SINGLE PARTICLE	Depositor
Imposed symmetry	POINT, I	Depositor
Number of particles used	1584	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	PHASE FLIPPING AND AMPLITUDE CORRECTION	Depositor
Microscope	TFS KRIOS	Depositor
Voltage (kV)	300	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	60	Depositor
Minimum defocus (nm)	500	Depositor
Maximum defocus (nm)	5000	Depositor
Magnification	96000	Depositor
Image detector	FEI FALCON IV (4k x 4k)	Depositor
Maximum map value	0.057	Depositor
Minimum map value	-0.013	Depositor
Average map value	0.000	Depositor
Map value standard deviation	0.006	Depositor
Recommended contour level	0.02	Depositor
Map size (Å)	787.2, 787.2, 787.2	wwPDB
Map dimensions	480, 480, 480	wwPDB
Map angles (°)	90.0, 90.0, 90.0	wwPDB
Pixel spacing (Å)	1.64, 1.64, 1.64	Depositor

## 5 Model quality

### 5.1 Standard geometry

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	0.78	0/2200	1.33	2/2999 (0.1%)
1	B	0.77	0/2200	1.36	5/2999 (0.2%)
1	C	0.77	0/2200	1.34	1/2999 (0.0%)
1	D	0.77	0/2200	1.31	2/2999 (0.1%)
1	E	0.77	0/2200	1.33	4/2999 (0.1%)
1	F	0.75	0/2200	1.33	4/2999 (0.1%)
1	G	0.75	0/2200	1.32	4/2999 (0.1%)
1	H	0.75	0/2200	1.29	4/2999 (0.1%)
1	I	0.75	0/2200	1.36	6/2999 (0.2%)
All	All	0.76	0/19800	1.33	32/26991 (0.1%)

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	B	0	1
1	F	0	1
1	I	0	1
All	All	0	3

There are no bond length outliers.

All (32) bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
1	F	203	ARG	NE-CZ-NH2	6.85	125.37	119.20
1	F	144	ARG	NE-CZ-NH2	6.33	124.90	119.20
1	H	144	ARG	NE-CZ-NH2	6.24	124.81	119.20
1	I	217	ASP	CA-CB-CG	6.08	118.68	112.60
1	I	144	ARG	NE-CZ-NH2	5.90	124.51	119.20
1	G	144	ARG	NE-CZ-NH2	5.89	124.50	119.20

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Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
1	E	144	ARG	NE-CZ-NH2	5.87	124.48	119.20
1	B	144	ARG	NE-CZ-NH2	5.78	124.40	119.20
1	D	144	ARG	NE-CZ-NH2	5.76	124.38	119.20
1	A	144	ARG	NE-CZ-NH2	5.75	124.37	119.20
1	F	305	ARG	NE-CZ-NH2	5.70	124.33	119.20
1	E	351	ASP	CA-CB-CG	5.61	118.21	112.60
1	I	351	ASP	CA-CB-CG	5.59	118.19	112.60
1	I	212	LEU	O-C-N	-5.51	116.89	123.06
1	C	144	ARG	NE-CZ-NH2	5.46	124.11	119.20
1	F	197	HIS	CB-CG-CD2	-5.34	124.26	131.20
1	B	359	GLU	CA-C-N	5.27	127.66	120.54
1	B	359	GLU	C-N-CA	5.27	127.66	120.54
1	H	197	HIS	CB-CG-CD2	-5.26	124.36	131.20
1	B	349	ARG	NE-CZ-NH2	5.25	123.93	119.20
1	H	264	GLN	OE1-CD-NE2	-5.24	117.36	122.60
1	H	203	ARG	NE-CZ-NH2	5.22	123.89	119.20
1	I	305	ARG	NE-CZ-NH2	5.21	123.89	119.20
1	G	351	ASP	CA-CB-CG	5.19	117.79	112.60
1	G	197	HIS	CB-CG-CD2	-5.18	124.47	131.20
1	E	115	THR	N-CA-C	5.17	116.72	111.14
1	E	197	HIS	CB-CG-CD2	-5.11	124.56	131.20
1	B	128	ASP	CA-CB-CG	5.08	117.69	112.60
1	A	197	HIS	CB-CG-CD2	-5.07	124.60	131.20
1	I	349	ARG	NE-CZ-NH2	5.03	123.73	119.20
1	G	383	ARG	NE-CZ-NH2	5.03	123.73	119.20
1	D	197	HIS	CB-CG-CD2	-5.02	124.68	131.20

There are no chirality outliers.

All (3) planarity outliers are listed below:

Mol	Chain	Res	Type	Group
1	B	219	ARG	Sidechain
1	F	382	TYR	Sidechain
1	I	382	TYR	Sidechain

## 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	2161	2145	2144	0	0
1	B	2161	2145	2144	0	0
1	C	2161	2145	2144	0	0
1	D	2161	2145	2144	0	0
1	E	2161	2145	2144	0	0
1	F	2161	2145	2144	0	0
1	G	2161	2145	2144	0	0
1	H	2161	2145	2144	0	0
1	I	2161	2145	2144	0	0
All	All	19449	19305	19296	0	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 0.

There are no clashes within the asymmetric unit.

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	280/395 (71%)	269 (96%)	10 (4%)	1 (0%)	30	62
1	B	280/395 (71%)	269 (96%)	10 (4%)	1 (0%)	30	62
1	C	280/395 (71%)	265 (95%)	13 (5%)	2 (1%)	18	51
1	D	280/395 (71%)	270 (96%)	10 (4%)	0	100	100
1	E	280/395 (71%)	269 (96%)	9 (3%)	2 (1%)	18	51
1	F	280/395 (71%)	267 (95%)	11 (4%)	2 (1%)	18	51
1	G	280/395 (71%)	271 (97%)	8 (3%)	1 (0%)	30	62
1	H	280/395 (71%)	268 (96%)	11 (4%)	1 (0%)	30	62
1	I	280/395 (71%)	265 (95%)	13 (5%)	2 (1%)	18	51
All	All	2520/3555 (71%)	2413 (96%)	95 (4%)	12 (0%)	26	57

All (12) Ramachandran outliers are listed below:

Mol	Chain	Res	Type
1	B	117	ILE
1	C	117	ILE
1	E	214	SER
1	I	125	VAL
1	A	361	ASP
1	C	121	GLY
1	G	361	ASP
1	F	117	ILE
1	I	117	ILE
1	E	361	ASP
1	H	262	ALA
1	F	116	SER

### 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	229/319 (72%)	227 (99%)	2 (1%)	70	76
1	B	229/319 (72%)	225 (98%)	4 (2%)	53	70
1	C	229/319 (72%)	228 (100%)	1 (0%)	84	81
1	D	229/319 (72%)	228 (100%)	1 (0%)	84	81
1	E	229/319 (72%)	227 (99%)	2 (1%)	70	76
1	F	229/319 (72%)	227 (99%)	2 (1%)	70	76
1	G	229/319 (72%)	225 (98%)	4 (2%)	53	70
1	H	229/319 (72%)	227 (99%)	2 (1%)	70	76
1	I	229/319 (72%)	227 (99%)	2 (1%)	70	76
All	All	2061/2871 (72%)	2041 (99%)	20 (1%)	65	75

All (20) residues with a non-rotameric sidechain are listed below:

Mol	Chain	Res	Type
1	A	143	ILE

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Mol	Chain	Res	Type
1	A	189	ASN
1	B	197	HIS
1	B	248	GLN
1	B	264	GLN
1	B	312	GLN
1	C	206	LEU
1	D	197	HIS
1	E	197	HIS
1	E	206	LEU
1	F	114	ILE
1	F	197	HIS
1	G	197	HIS
1	G	212	LEU
1	G	264	GLN
1	G	312	GLN
1	H	197	HIS
1	H	212	LEU
1	I	264	GLN
1	I	286	ILE

Sometimes sidechains can be flipped to improve hydrogen bonding and reduce clashes. All (34) such sidechains are listed below:

Mol	Chain	Res	Type
1	A	189	ASN
1	A	197	HIS
1	A	231	GLN
1	A	241	ASN
1	A	313	ASN
1	B	231	GLN
1	B	241	ASN
1	B	264	GLN
1	C	231	GLN
1	C	241	ASN
1	C	312	GLN
1	C	313	ASN
1	C	328	GLN
1	D	231	GLN
1	D	241	ASN
1	D	248	GLN
1	D	312	GLN
1	D	313	ASN
1	E	243	HIS

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Mol	Chain	Res	Type
1	E	248	GLN
1	E	264	GLN
1	F	231	GLN
1	F	241	ASN
1	F	248	GLN
1	G	231	GLN
1	G	241	ASN
1	G	248	GLN
1	H	231	GLN
1	H	241	ASN
1	H	248	GLN
1	H	313	ASN
1	I	213	GLN
1	I	248	GLN
1	I	264	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](#)

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.

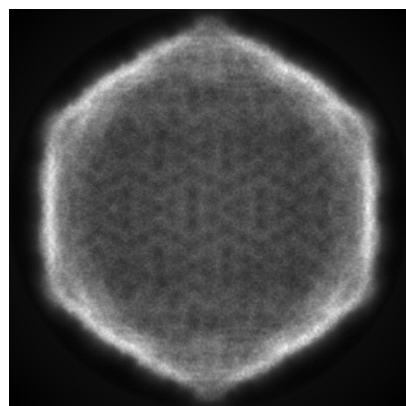
## 6 Map visualisation [i](#)

This section contains visualisations of the EMDB entry EMD-70884. These allow visual inspection of the internal detail of the map and identification of artifacts.

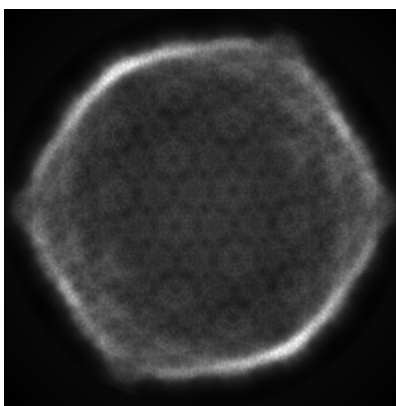
Images derived from a raw map, generated by summing the deposited half-maps, are presented below the corresponding image components of the primary map to allow further visual inspection and comparison with those of the primary map.

### 6.1 Orthogonal projections [i](#)

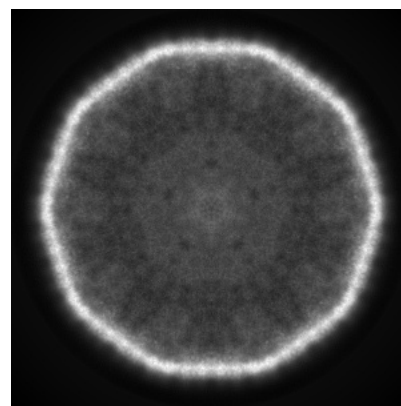
#### 6.1.1 Primary map



X

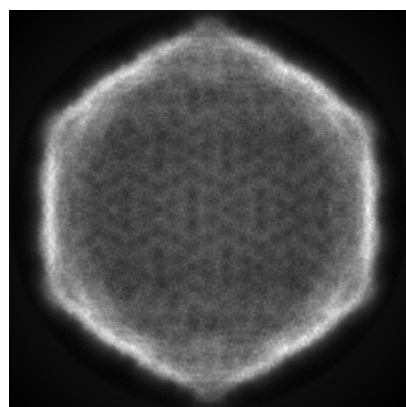


Y

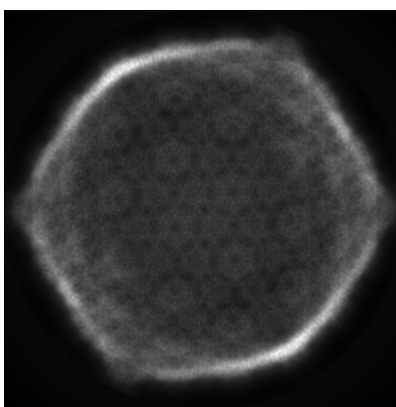


Z

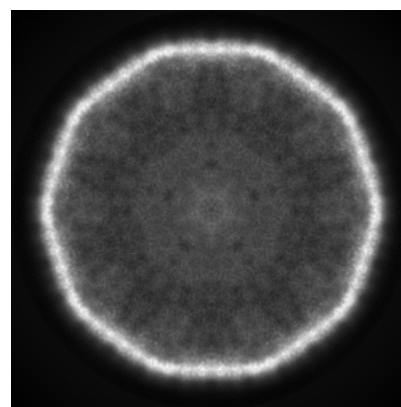
#### 6.1.2 Raw map



X



Y



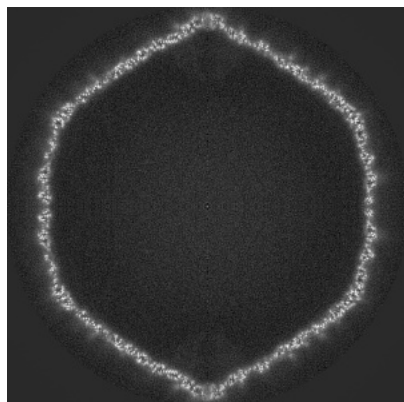
Z

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

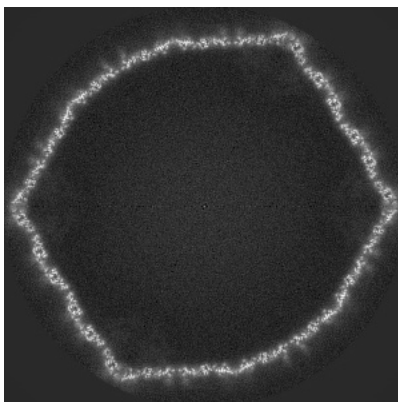


## 6.2 Central slices [i](#)

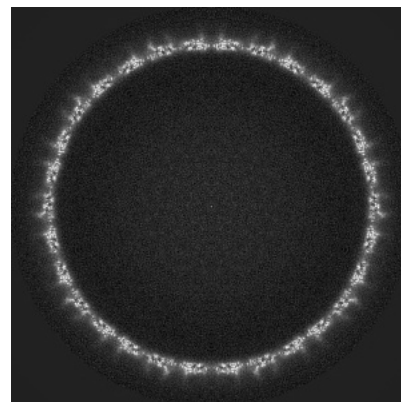
### 6.2.1 Primary map



X Index: 240

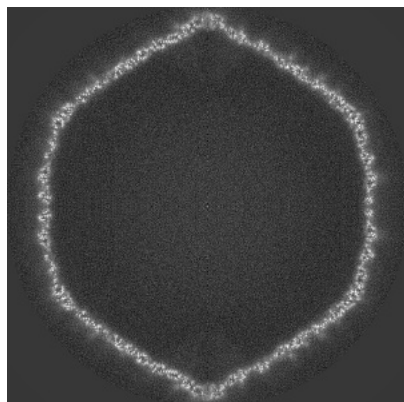


Y Index: 240

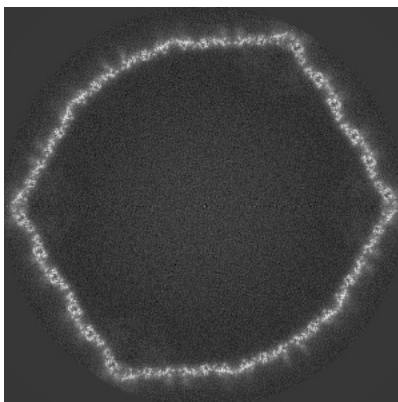


Z Index: 240

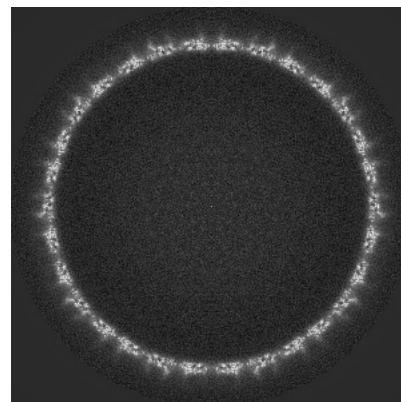
### 6.2.2 Raw map



X Index: 240



Y Index: 240

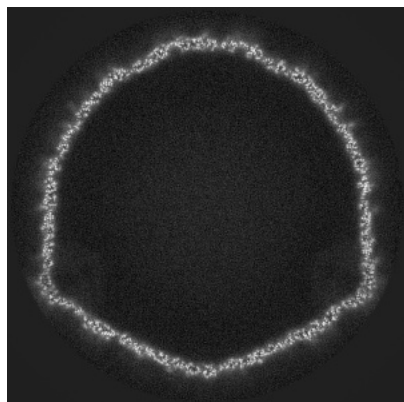


Z Index: 240

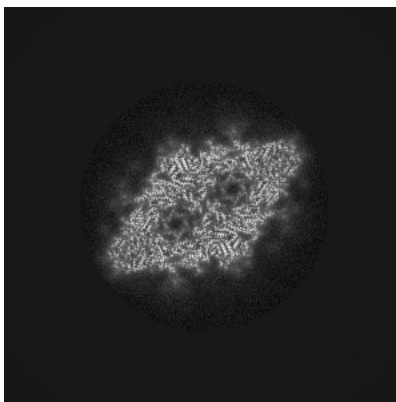
The images above show central slices of the map in three orthogonal directions.

## 6.3 Largest variance slices [i](#)

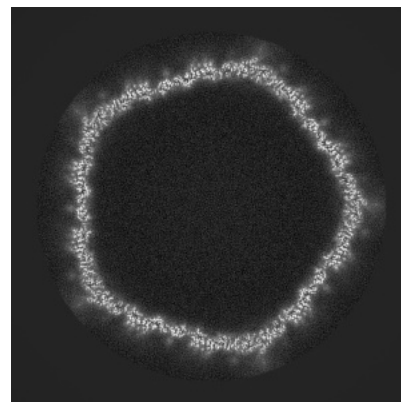
### 6.3.1 Primary map



X Index: 186

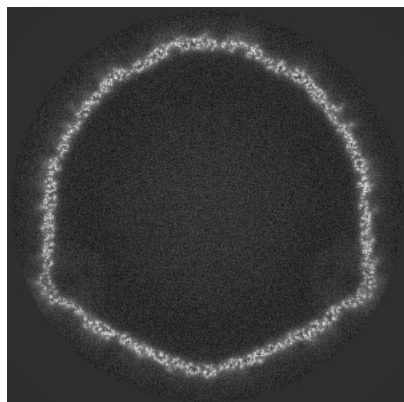


Y Index: 50

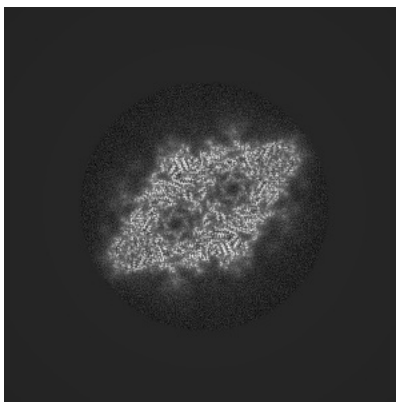


Z Index: 360

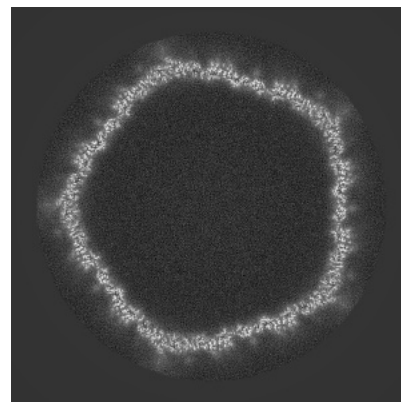
### 6.3.2 Raw map



X Index: 186



Y Index: 50

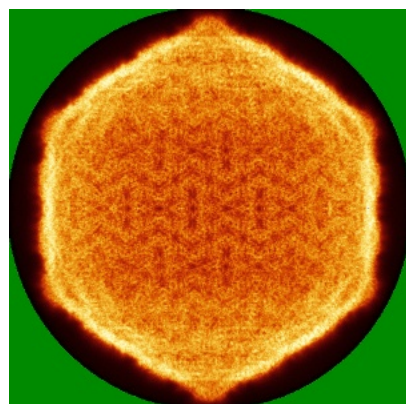


Z Index: 120

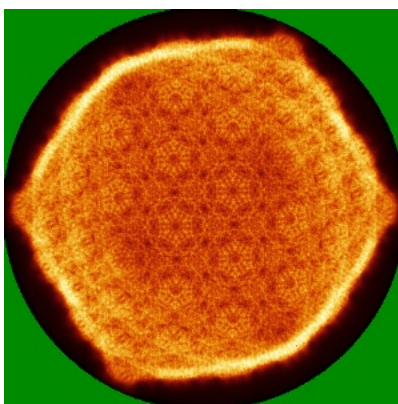
The images above show the largest variance slices of the map in three orthogonal directions.

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

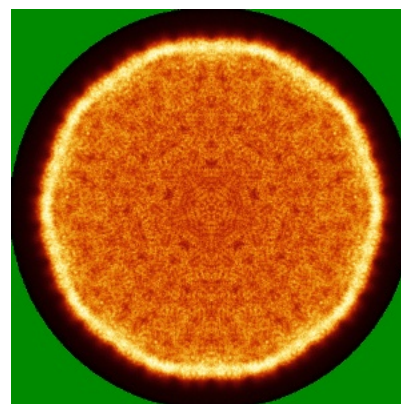
### 6.4.1 Primary map



X

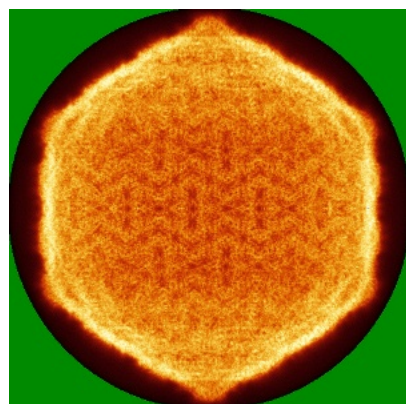


Y

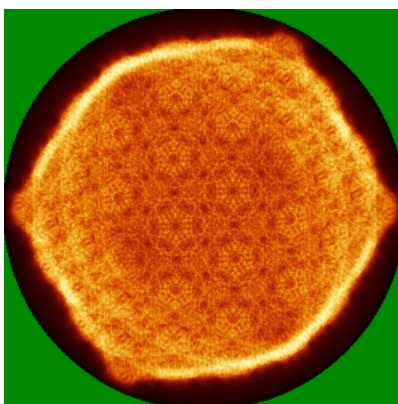


Z

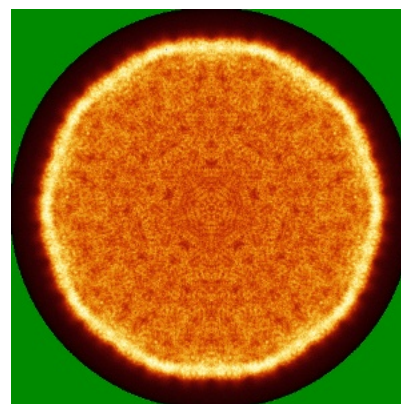
### 6.4.2 Raw map



X



Y



Z

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](#)

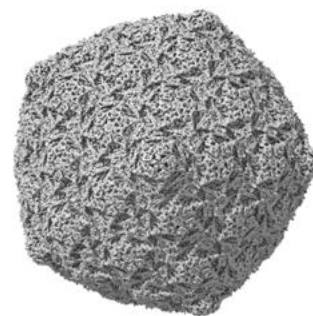
### 6.5.1 Primary map



X



Y



Z

The images above show the 3D surface view of the map at the recommended contour level 0.02. These images, in conjunction with the slice images, may facilitate assessment of whether an appropriate contour level has been provided.

## 6.6 Mask visualisation [i](#)

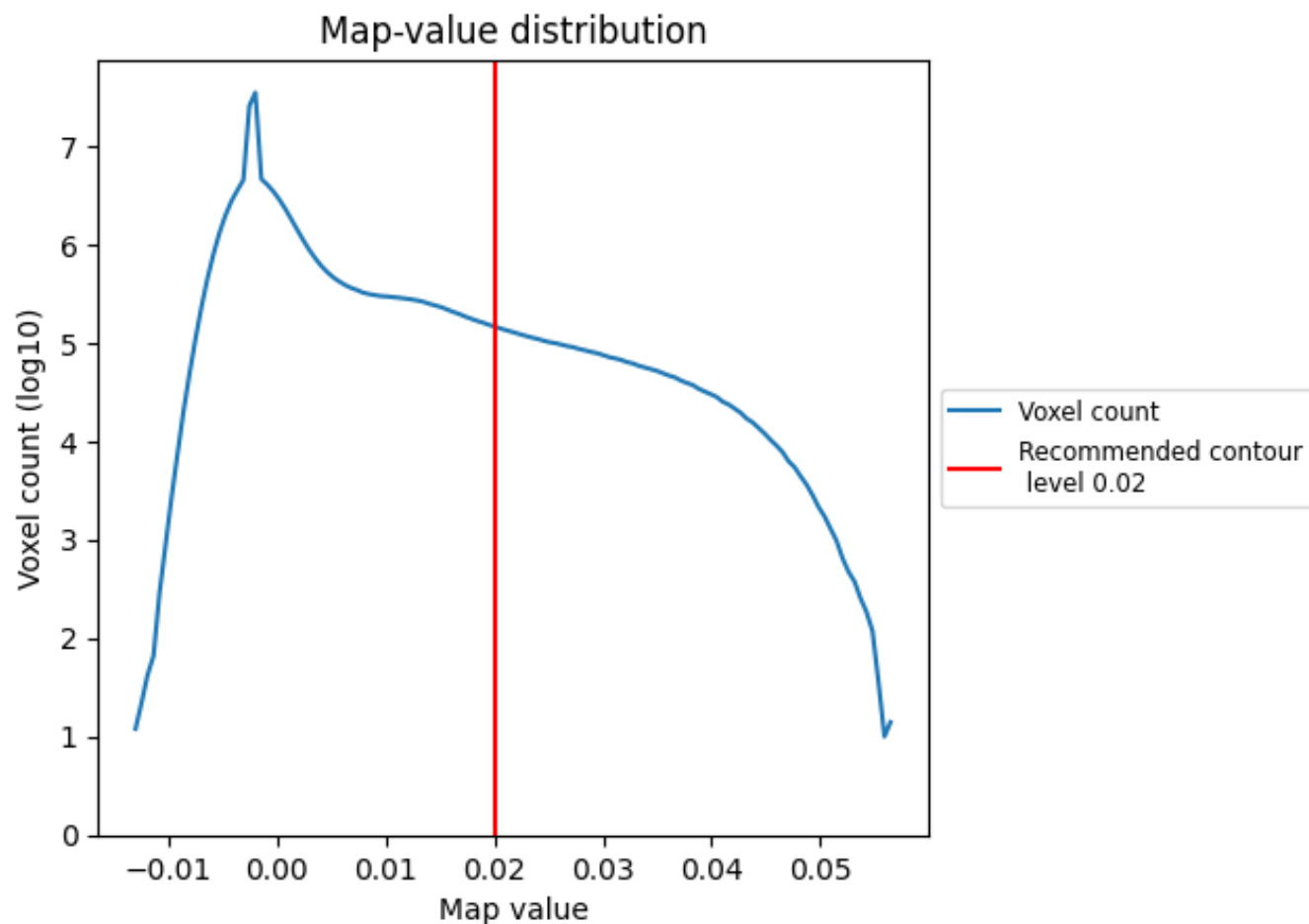
This section was not generated. No masks/segmentation were deposited.



## 7 Map analysis [i](#)

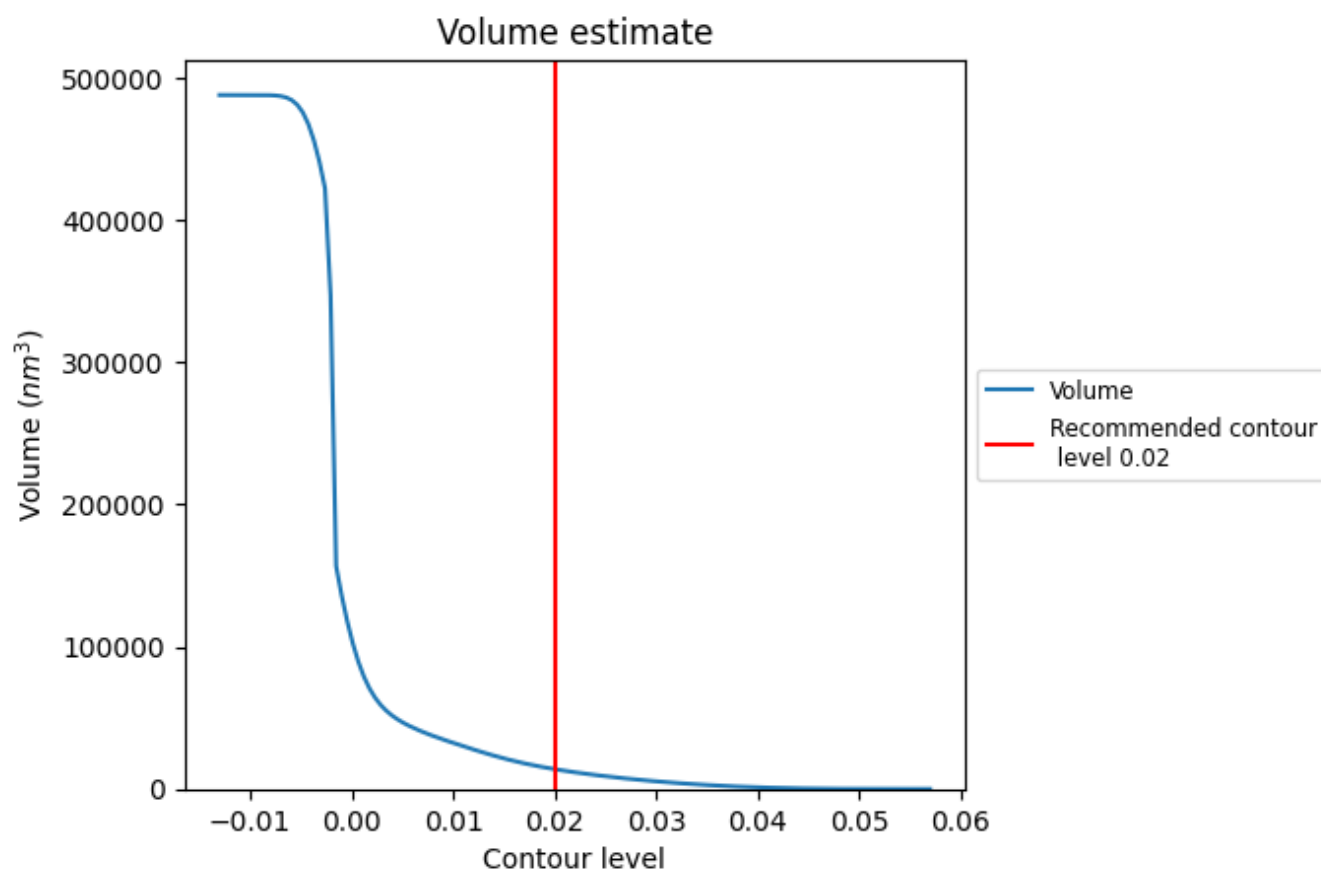
This section contains the results of statistical analysis of the map.

### 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.

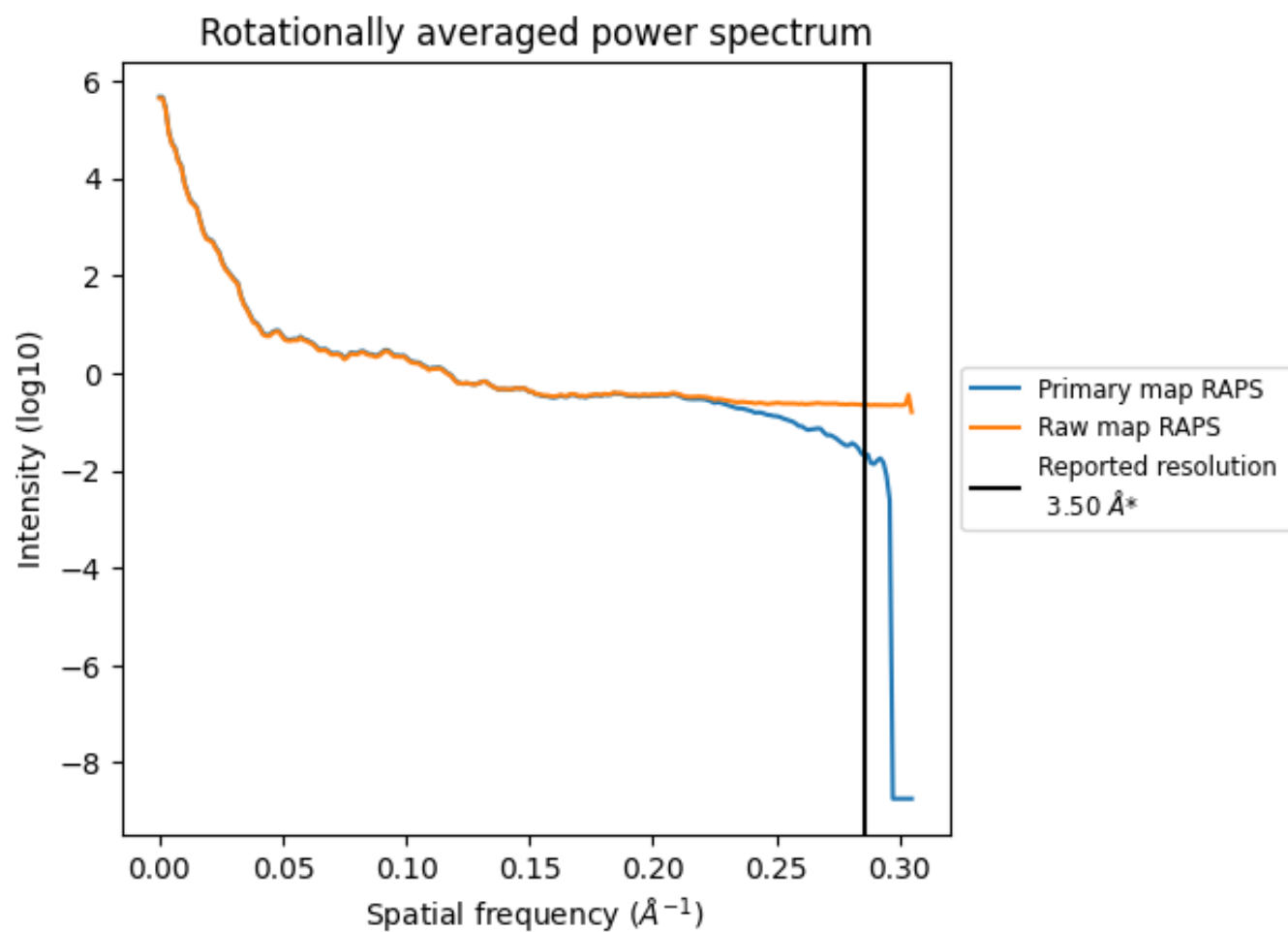
## 7.2 Volume estimate [i](#)



The volume at the recommended contour level is 13924  $\text{nm}^3$ ; this corresponds to an approximate mass of 12578 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 ⓘ

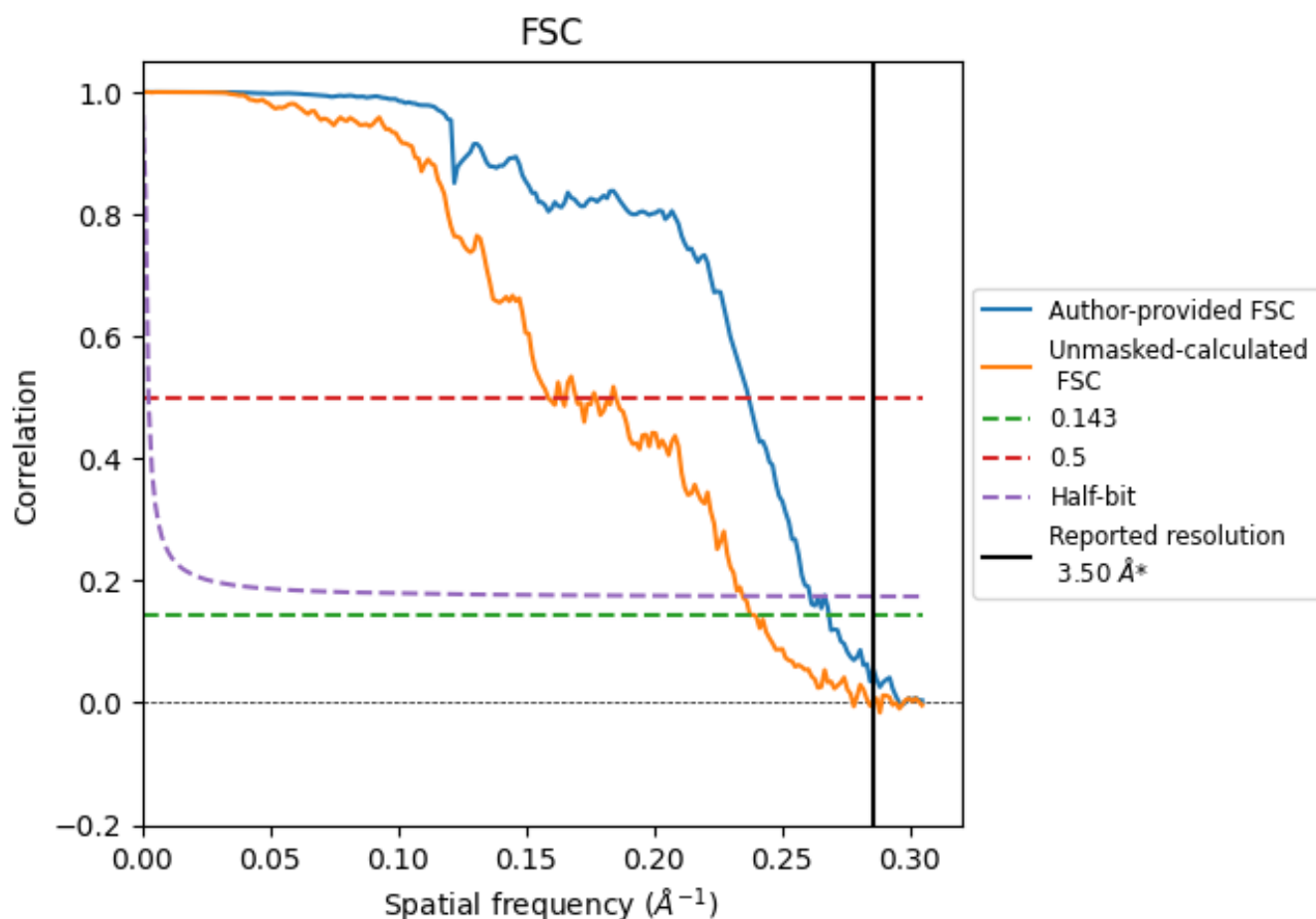


\*Reported resolution corresponds to spatial frequency of 0.286 Å<sup>-1</sup>

## 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 0.286  $\text{\AA}^{-1}$



## 8.2 Resolution estimates [i](#)

Resolution estimate (Å)	Estimation criterion (FSC cut-off)		
	0.143	0.5	Half-bit
Reported by author	3.50	-	-
Author-provided FSC curve	3.72	4.22	3.83
Unmasked-calculated*	4.18	6.30	4.26

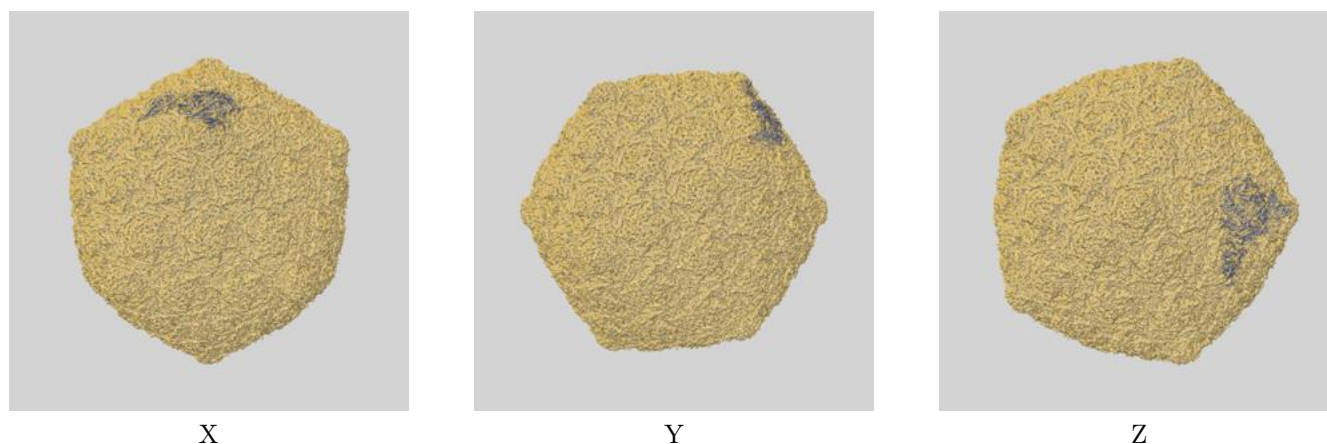
\*Resolution estimate based on FSC curve calculated by comparison of deposited half-maps. The value from deposited half-maps intersecting FSC 0.143 CUT-OFF 4.18 differs from the reported value 3.5 by more than 10 %

## 9 Map-model fit [i](#)

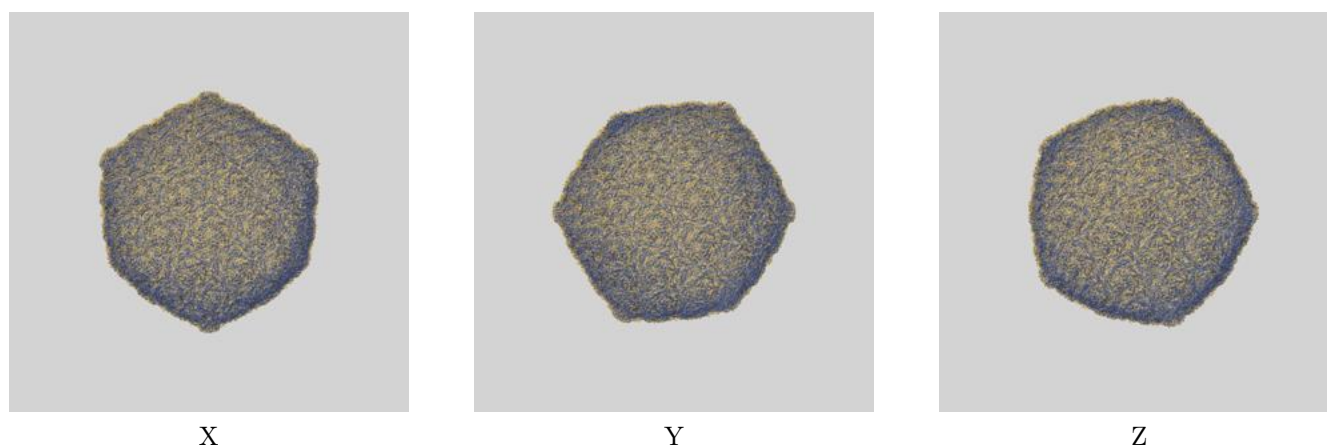
This section contains information regarding the fit between EMDB map EMD-70884 and PDB model 9OUZ. Per-residue inclusion information can be found in section 3 on page 6.

### 9.1 Map-model overlays

#### 9.1.1 Map-model overlay [i](#)

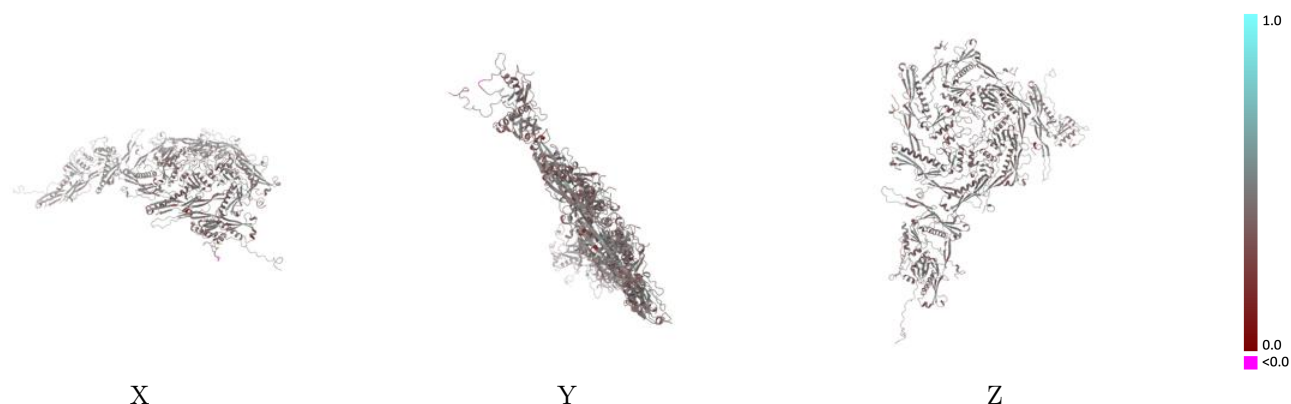


#### 9.1.2 Map-model assembly overlay [i](#)



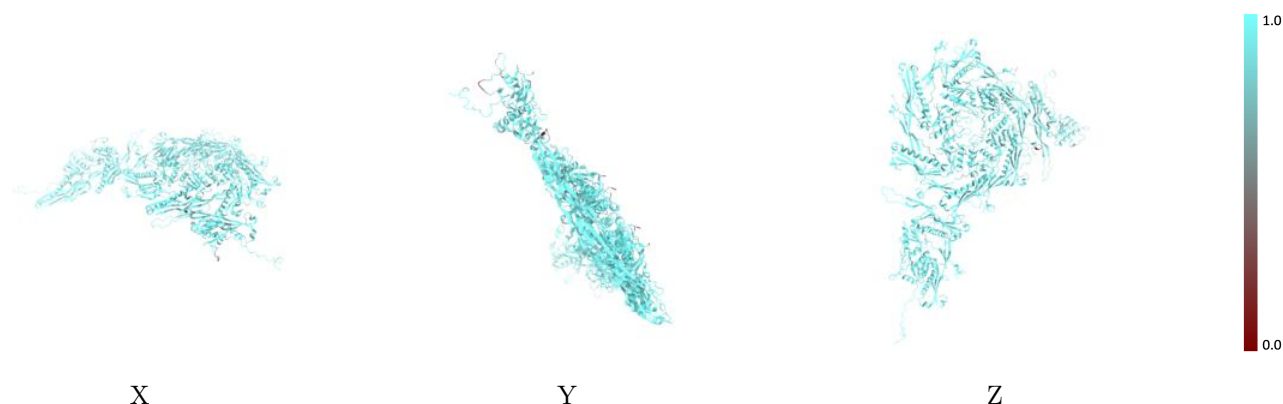
The images above show the 3D surface view of the map at the recommended contour level 0.02 at 50% transparency in yellow overlaid with a ribbon representation of the model coloured in blue. These images allow for the visual assessment of the quality of fit between the atomic model and the map.

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



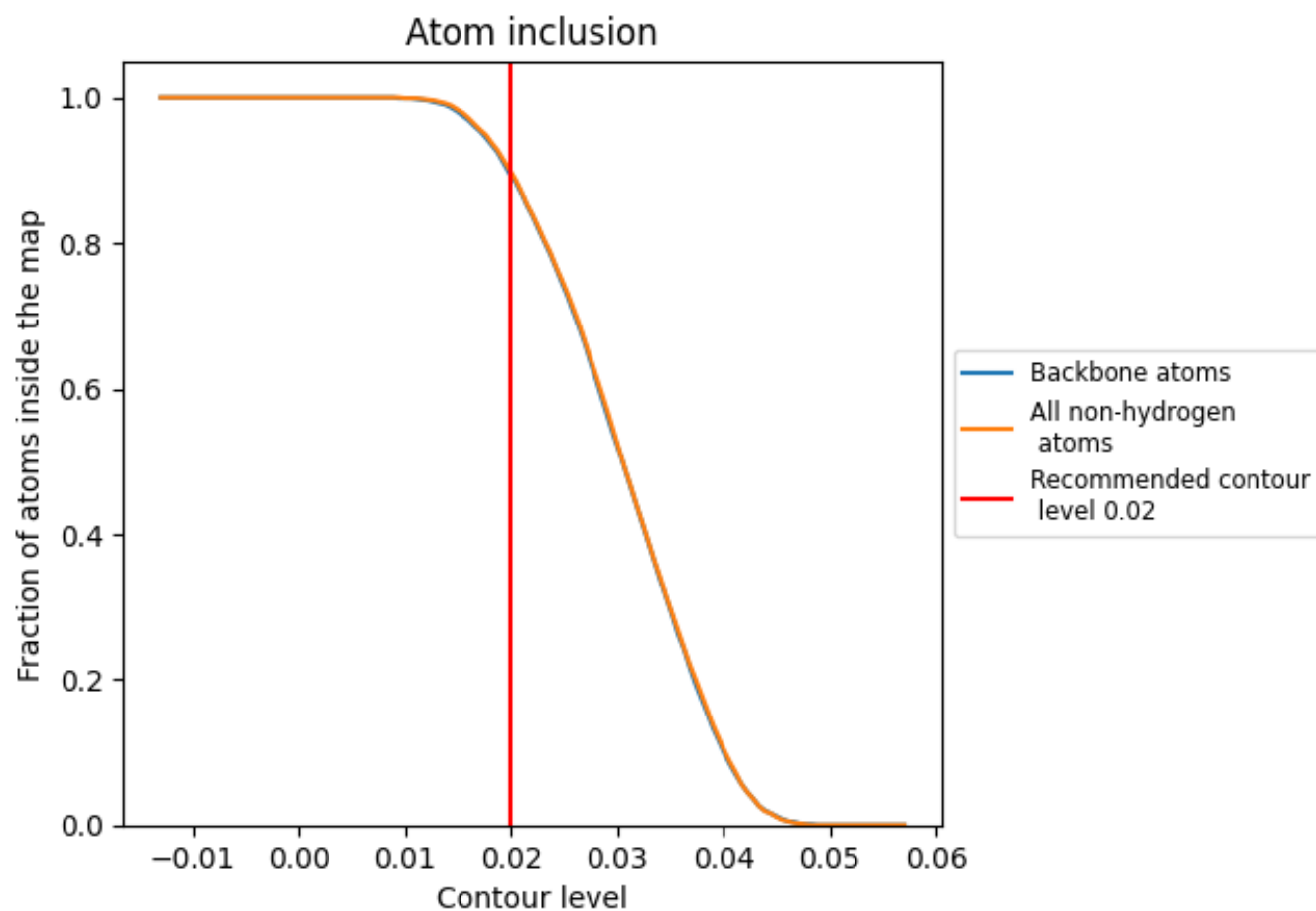
The images above show the model with each residue coloured according to its Q-score. This shows their resolvability in the map with higher Q-score values reflecting better resolvability. Please note: Q-score is calculating the resolvability of atoms, and thus high values are only expected at resolutions 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 (0.02).

## 9.4 Atom inclusion [i](#)



At the recommended contour level, 89% of all backbone atoms, 90% 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 (0.02) and Q-score for the entire model and for each chain.

Chain	Atom inclusion	Q-score
All	<div><div></div>0.8980</div>	<div><div></div>0.4220</div>
A	<div><div></div>0.9220</div>	<div><div></div>0.4250</div>
B	<div><div></div>0.9270</div>	<div><div></div>0.4260</div>
C	<div><div></div>0.9210</div>	<div><div></div>0.4250</div>
D	<div><div></div>0.9280</div>	<div><div></div>0.4270</div>
E	<div><div></div>0.9240</div>	<div><div></div>0.4240</div>
F	<div><div></div>0.9010</div>	<div><div></div>0.4160</div>
G	<div><div></div>0.9080</div>	<div><div></div>0.4230</div>
H	<div><div></div>0.9170</div>	<div><div></div>0.4210</div>
I	<div><div></div>0.8530</div>	<div><div></div>0.4140</div>

1.0

0.0

<0.0