Full wwPDB EM Map Validation Report (i)

Dec 9, 2020 – 11:31 am GMT

EMDB ID	:	EMD-22968
Title	:	Negative stain electron microscopy reconstruction of 2P SARS-CoV-2 spike ectodomain in the 1-RBD-up state after cold-denaturation at 4 degrees C for one week followed by re-naturation at 37 degrees C for 3 hours.
Authors	:	, Edwards.RJ.; , Mansouri.K.
Deposited on	:	2020-11-07
Resolution	:	16.10 Å(reported)

This is a Full wwPDB EM Map 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/EMMapValidationReportHelp
with specific help available everywhere you see the (i) symbol.

The following versions of software and data (see references (1)) were used in the production of this report:

EMDB validation analysis	:	FAILED
Validation Pipeline (wwPDB-VP)	:	2.13

1 Experimental information (i)

Property	Value	Source
EM reconstruction method	singleParticle	Depositor
Imposed symmetry	POINT, C1	Depositor
Number of images used	37101	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	Not provided	Depositor
Microscope	FEI/PHILIPS EM420	Depositor
Voltage (kV)	120	Depositor
Electron dose ($e^-/Å^2$)	32.0	Depositor
Minimum defocus (nm)	0.4	Depositor
Maximum defocus (nm)	1.5	Depositor
Magnification	82000.0	Depositor
Image detector	OTHER	Depositor