Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 01:39 pm GMT

EMDB ID	:	EMD-8747
Title	:	Cryo-EM reconstruction of the HO microcompartment shell
Authors	:	, Sutter.M.; , Greber.BJ.; , Aussignargues.C.; , Kerfeld.CA.
Deposited on	:	2017-05-26
Resolution	:	8.70 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 ⓘ symbol.

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

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

1 Experimental information

Property	Value	Source
EM reconstruction method	singleParticle	Depositor
Imposed symmetry	POINT, I	Depositor
Number of images used	2600	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	CTF correction was performed inside RELION 1.4	Depositor
Microscope	FEI TECNAI F20	Depositor
Voltage (kV)	120	Depositor
Electron dose ($e^-/Å^2$)	25.0	Depositor
Minimum defocus (nm)	1.5	Depositor
Maximum defocus (nm)	3.0	Depositor
Magnification	107142.	Depositor
Image detector	GATAN ULTRASCAN 4000 (4k x 4k)	Depositor