wwPDB EM Validation Summary Report (i)

Sep 26, 2022 – 01:38 pm BST

EMDB ID	:	EMD-15075
Title	:	Consensus map of Complex I from Ovis aries at pH7.4, Closed state
Authors	:	Sazanov, L.; Petrova, O.
Deposited on	:	2022-06-01
Resolution	:	3.50 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/EMMapValidationReportHelp
with specific help available everywhere you see the (i) 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 (1)) were used in the production of this report:

EMDB validation analysis	:	FAILED
Validation Pipeline (wwPDB-VP)	:	2.31.2

1 Experimental information (i)

Property	Value	Source
EM reconstruction method	SINGLE PARTICLE	Depositor
Imposed symmetry	Not Provided	
Number of particles used	50789	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	Not provided	
Microscope	TFS GLACIOS	Depositor
Voltage (kV)	200	Depositor
Electron dose ($e^-/Å^2$)	90.0	Depositor
Minimum defocus (nm)	1.0	Depositor
Maximum defocus (nm)	2.0	Depositor
Magnification	120000.0	Depositor
Image detector	FEI FALCON III (4k x 4k)	Depositor