Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:33 pm GMT

EMDB ID	:	EMD-5417
Title	:	Cryo-electron microscopy of the kinesin-14 GCN4-Kar3Vik1 complexed to microtubules in the AMP-PNP state (represents the ATP bound state)
Authors	:	, Cope.J.; , Rank.KC.; , Gilbert.S.; , Rayment.I.; , Hoenger.A.
Deposited on	:	2012-05-01
Resolution	:	24.50 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	helical	Depositor
Imposed symmetry	HELICAL, twist=24°, rise=10.666 Å, axial sym=C1	Depositor
Number of images used	Not provided	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	Not provided	Depositor
Microscope	FEI TECNAI F20	Depositor
Voltage (kV)	200	Depositor
Electron dose ($e^-/Å^2$)	15	Depositor
Minimum defocus (nm)	1.5	Depositor
Maximum defocus (nm)	2.5	Depositor
Magnification	29000.0	Depositor
Image detector	GATAN ULTRASCAN 4000 (4k x 4k)	Depositor