



## Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:34 pm GMT

EMDB ID : EMD-5416  
Title : Cryo-electron microscopy of the kinesin-14 GCN4-Kar3Vik1 complexed to microtubules in the nucleotide-free state  
Authors : , Cope.J.; , Rank.KC.; , Gilbert.S.; , Rayment.I.; , Hoenger.A.  
Deposited on : 2012-05-01  
Resolution : 22.00 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](mailto: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.

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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 ( $e^-/\text{\AA}^2$ )	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