



wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 11:09 am GMT

EMDB ID : EMD-20821
Title : The Nexin-dynein Regulatory Complex (N-DRC) from the cryo-electron tomography and subtomographic average of isolated Chlamydomonas DRC5-SNAP axonemes, labeled with streptavidin-nanogold
Authors : , Gui.L.; , Song.K.; , Tritschler.D.; , Bower.R.; , Yan.S.; , Dai.A.; , Augspurger.K.; , Sakizadeh.J.; , Grzemska.M.; , Ni.T.; , Porter.ME.; , Nicastro.D.
Deposited on : 2019-10-13
Resolution : 40.00 Å(reported)

This is a wwPDB EM Map 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 ⓘ 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	subtomogramAveraging	Depositor
Imposed symmetry	POINT, C1	Depositor
Number of images used	364	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	Not provided	Depositor
Microscope	FEI TECNAI F30	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	1.5	Depositor
Minimum defocus (nm)	Not provided	Depositor
Maximum defocus (nm)	Not provided	Depositor
Magnification	Not provided	Depositor
Image detector	GATAN ULTRASCAN 1000 (2k x 2k)	Depositor