



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:29 pm GMT

EMDB ID : EMD-5252
Title : electron cryo-tomography reconstruction and subvolume averaging of the basal
body triplet from Chlamydomonas reinhardtii
Authors : , Li.S.; , Fernandez.JJ.; , Marshall.WF.; , Agard.DA.
Deposited on : 2010-12-08
Resolution : 33.00 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

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	Not Provided	Depositor
Number of images used	Not provided	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	each image, Wiener filter	Depositor
Microscope	FEI POLARA 300	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	80	Depositor
Minimum defocus (nm)	9.0	Depositor
Maximum defocus (nm)	Not provided	Depositor
Magnification	46153.0	Depositor
Image detector	GATAN ULTRASCAN 1000 (2k x 2k)	Depositor