



wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 01:04 pm GMT

EMDB ID : EMD-7000
Title : Subtomogram average of microtubule-bound dynein-dynactin-BICD2N complex
Authors : , Grotjahn.DA.; , Chowdhury.S.; , Xu.Y.; , McKenney.RJ.; , Schroer.TA.; , Lander.GC.
Deposited on : 2017-08-23
Resolution : 38.00 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	502	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	Not provided	Depositor
Microscope	FEI TITAN KRIOS	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	0.95	Depositor
Minimum defocus (nm)	6.0	Depositor
Maximum defocus (nm)	8.0	Depositor
Magnification	14000.	Depositor
Image detector	GATAN K2 SUMMIT (4k x 4k)	Depositor