



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 02:22 pm GMT

EMDB ID : EMD-9023
Title : In situ structure of 96-nm repeat unit of Tetrahymena ciliary axoneme by TYGRESS method
Authors : , Song.K.; , Shang.Z.; , Fu.X.; , Lou.X.; , Grigorieff.N.; , Nicastro.D.
Deposited on : 2018-08-04
Resolution : 12.00 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	singleParticle	Depositor
Imposed symmetry	Not Provided	Depositor
Number of images used	18857	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	Not provided	Depositor
Microscope	FEI TECNAI F30	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	30.0	Depositor
Minimum defocus (nm)	1.5	Depositor
Maximum defocus (nm)	3.0	Depositor
Magnification	9400.0	Depositor
Image detector	GATAN K2 SUMMIT (4k x 4k)	Depositor