



wwPDB EM Map Validation Summary Report ⓘ

Dec 7, 2020 – 04:36 pm GMT

EMDB ID : EMD-0739
Title : 3-start helix structure of SBA/GN3GN microtubule with a diameter of about 32 nm
Authors : Zhang, L.; Chen, G.S.; Chen, S.Y.
Deposited on : 2019-08-10
Resolution : 10.90 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	HELICAL	Depositor
Imposed symmetry	HELICAL, twist=109.014°, rise=6.394 Å, axial sym=C1	Depositor
Number of segments used	45168	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	Not provided	Depositor
Microscope	FEI TALOS ARCTICA	Depositor
Voltage (kV)	200	Depositor
Electron dose ($e^-/\text{Å}^2$)	30.0	Depositor
Minimum defocus (nm)	Not provided	Depositor
Maximum defocus (nm)	Not provided	Depositor
Magnification	Not provided	Depositor
Image detector	FEI CETA (4k x 4k)	Depositor