



Full wwPDB EM Map Validation 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 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 | 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 |