



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 02:21 pm GMT

EMDB ID : EMD-9986
Title : Local map of the Hb region of the phycobilisome from the red alga *P. purpureum*
Authors : , Sui.SF.; , Ma.JF.; , You.X.; , Sun.S.
Deposited on : 2019-07-15
Resolution : 3.56 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 | POINT, C2 | Depositor |
| Number of images used | 191825 | Depositor |
| Resolution determination method | FSC 0.143 CUT-OFF | Depositor |
| CTF correction method | Not provided | Depositor |
| Microscope | FEI TITAN KRIOS | Depositor |
| Voltage (kV) | 300 | Depositor |
| Electron dose ($e^-/\text{\AA}^2$) | 48.0 | Depositor |
| Minimum defocus (nm) | 1.2 | Depositor |
| Maximum defocus (nm) | 2.2 | Depositor |
| Magnification | 105000.0 | Depositor |
| Image detector | GATAN K2 SUMMIT (4k x 4k) | Depositor |