



wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 01:15 pm GMT

EMDB ID : EMD-7145
Title : Apoferritin on a gold nanowire grid plunged with Spotiton
Authors : , Noble.AN.; , Dandey.VP.; , Wei.H.; , Brasch.J.; , Chase.J.; , Acharya.P.;
 , Tan.Y.; , Zhang.Z.; , Kim.LY.; , Scapin.G.; , Rapp.M.; , Eng.ET.; ,
 Rice.WJ.; , Cheng.A.; , Negro.CJ.; , Shapiro.L.; , Kwong.PD.; , Jeruzalmi.D.;
 , des.Georges.A.; , Potter.CS.; , Carragher.B.
Deposited on : 2017-12-05
Resolution : Not provided

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 | tomography | Depositor |
| Imposed symmetry | Not Provided | Depositor |
| Number of images used | 30 | Depositor |
| Resolution determination method | Not provided | Depositor |
| CTF correction method | Not provided | Depositor |
| Microscope | FEI TITAN KRIOS | Depositor |
| Voltage (kV) | 300 | Depositor |
| Electron dose ($e^-/\text{\AA}^2$) | 2.0 | Depositor |
| Minimum defocus (nm) | Not provided | Depositor |
| Maximum defocus (nm) | Not provided | Depositor |
| Magnification | Not provided | Depositor |
| Image detector | GATAN K2 QUANTUM (4k x 4k) | Depositor |