



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 01:09 pm GMT

EMDB ID : EMD-7282
Title : Single-Molecule 3D Image of DNA Origami Bennett Linkage by Individual Particle Electron Tomography (No. 040)
Authors : , Lei.D.; , Marras.A.; , Liu.J.; , Huang.C.; , Zhou.L.; , Castro.C.; , Su.H.; , Ren.G.
Deposited on : 2017-12-06
Resolution : 75.40 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 | tomography | Depositor |
| Imposed symmetry | Not Provided | Depositor |
| Number of images used | 47 | Depositor |
| Resolution determination method | FSC 0.5 CUT-OFF | Depositor |
| CTF correction method | Not provided | Depositor |
| Microscope | ZEISS LIBRA120PLUS | Depositor |
| Voltage (kV) | 120 | Depositor |
| Electron dose ($e^-/\text{\AA}^2$) | 1.0 | Depositor |
| Minimum defocus (nm) | Not provided | Depositor |
| Maximum defocus (nm) | Not provided | Depositor |
| Magnification | 50000.0 | Depositor |
| Image detector | GATAN ULTRASCAN 4000 (4k x 4k) | Depositor |