



# wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 01:07 pm GMT

EMDB ID : EMD-7161  
Title : Single-Molecule 3D Image of DNA Origami Bennett Linkage by Individual Particle Electron Tomography (No. 115)  
Authors : , Lei.D.; , Marras.A.; , Liu.J.; , Huang.C.; , Zhou.L.; , Castro.C.; , Su.H.; , Ren.G.  
Deposited on : 2017-12-06  
Resolution : 114.30 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](mailto: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                | 50                        | Depositor |
| Resolution determination method      | FSC 0.5 CUT-OFF           | Depositor |
| CTF correction method                | Not provided              | Depositor |
| Microscope                           | FEI TECNAI F20            | Depositor |
| Voltage (kV)                         | 200                       | Depositor |
| Electron dose ( $e^-/\text{\AA}^2$ ) | 0.67                      | Depositor |
| Minimum defocus (nm)                 | Not provided              | Depositor |
| Maximum defocus (nm)                 | Not provided              | Depositor |
| Magnification                        | 19000.0                   | Depositor |
| Image detector                       | GATAN K2 SUMMIT (4k x 4k) | Depositor |