



wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 12:45 pm GMT

EMDB ID : EMD-5930
Title : CasA mediates Cas3-catalyzed target degradation during CRISPR RNA-guided interference
Authors : , Hochstrasser.ML.; , Taylor.DW.; , Bhat.P.; , Guegler.CK.; , Sternberg.SH.; , Nogales.E.; , Doudna.JA.
Deposited on : 2014-03-19
Resolution : 20.00 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

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 | Not Provided | Depositor |
| Number of images used | 11000 | Depositor |
| Resolution determination method | OTHER | Depositor |
| CTF correction method | Whole micrograph | Depositor |
| Microscope | FEI TECNAI 20 | Depositor |
| Voltage (kV) | 120 | Depositor |
| Electron dose ($e^-/\text{\AA}^2$) | 20 | Depositor |
| Minimum defocus (nm) | -0.5 | Depositor |
| Maximum defocus (nm) | -1.4 | Depositor |
| Magnification | 80000.0 | Depositor |
| Image detector | GATAN ULTRASCAN 4000 (4k x 4k) | Depositor |