



## Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:49 pm GMT

EMDB ID : EMD-6165  
Title : Essential Structural and Functional Roles of the Cmr4 Subunit in RNA Cleavage by the Cmr CRISPR-Cas Complex  
Authors : , Ramia.NF.; , Spilman.M.; , Tang.L.; , Shao.Y.; , Elmore.J.; , Hale.C.; , Cocozaki.A.; , Bhattacharya.N.; , Terns.RM.; , Terns.MP.; , Li.H.; , Stagg.SM.  
Deposited on : 2014-10-27  
Resolution : 13.00 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](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             | singleParticle                 | Depositor |
| Imposed symmetry                     | Not Provided                   | Depositor |
| Number of images used                | 60293                          | Depositor |
| Resolution determination method      | OTHER                          | Depositor |
| CTF correction method                | phase flip of each particle    | Depositor |
| Microscope                           | FEI TITAN KRIOS                | Depositor |
| Voltage (kV)                         | 120                            | Depositor |
| Electron dose ( $e^-/\text{\AA}^2$ ) | 15                             | Depositor |
| Minimum defocus (nm)                 | 1.0                            | Depositor |
| Maximum defocus (nm)                 | 2.5                            | Depositor |
| Magnification                        | 59000.0                        | Depositor |
| Image detector                       | GATAN ULTRASCAN 4000 (4k x 4k) | Depositor |