



wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 04:20 pm GMT

EMDB ID : EMD-21702
Title : Empty phage G cryoEM capsid structure at 9 Angstrom resolution
Authors : , Gonzalez.B.; , Monroe.L.; , Kumpeng.L.; , Yan.R.; , Wright.E.; , Walter.T.; , Kihara.D.; , Weintraub.SE.; , Julie.AT.; , Philip.S.; , Jiang.W.
Deposited on : 2020-04-14
Resolution : 9.00 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 | 243 | Depositor |
| Resolution determination method | FSC 0.143 CUT-OFF | Depositor |
| CTF correction method | Not provided | Depositor |
| Microscope | FEI TITAN KRIOS | Depositor |
| Voltage (kV) | 300 | Depositor |
| Electron dose ($e^-/\text{\AA}^2$) | 14.5 | Depositor |
| Minimum defocus (nm) | 1.0 | Depositor |
| Maximum defocus (nm) | 5.0 | Depositor |
| Magnification | 8700.0 | Depositor |
| Image detector | GATAN K2 QUANTUM (4k x 4k) | Depositor |