



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 11:07 am GMT

EMDB ID : EMD-20573
Title : Cryo-EM structure of RET/GFRAL/GDF15 extracellular complex. The 3D refinement was focused on one of two halves with C1 symmetry applied.
Authors : , Li.J.; , Shang.GJ.; , Zhang.XW.; , Bai.XC.
Deposited on : 2019-08-08
Resolution : 3.70 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 | singleParticle | Depositor |
| Imposed symmetry | POINT, C1 | Depositor |
| Number of images used | 520480 | 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 ($e^-/\text{\AA}^2$) | 50.0 | Depositor |
| Minimum defocus (nm) | Not provided | Depositor |
| Maximum defocus (nm) | Not provided | Depositor |
| Magnification | 46729. | Depositor |
| Image detector | GATAN K2 QUANTUM (4k x 4k) | Depositor |