



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:44 pm GMT

EMDB ID : EMD-5872
Title : Single-particle reconstruction of conformation XII of ligand-free sGC
Authors : , Campbell.MG.; , Underbakke.ES.; , Potter.CS.; , Carragher.B.; , Marletta.MA.
Deposited on : 2014-01-17
Resolution : 30.00 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

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 | 227 | Depositor |
| Resolution determination method | OTHER | Depositor |
| CTF correction method | Each micrograph | Depositor |
| Microscope | FEI TECNAI F20 | Depositor |
| Voltage (kV) | 200 | Depositor |
| Electron dose ($e^-/\text{\AA}^2$) | 35 | Depositor |
| Minimum defocus (nm) | 1.2 | Depositor |
| Maximum defocus (nm) | 2.2 | Depositor |
| Magnification | 80000.0 | Depositor |
| Image detector | TVIPS TEMCAM-F416 (4k x 4k) | Depositor |