



wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 12:44 pm GMT

EMDB ID : EMD-5780
Title : Cryo-EM structure of the BG505 SOSIP.664 HIV-1 Env trimer with 2 PGV04 Fabs
Authors : , Lyumkis.D.; , Julien.JP.; , de.Val.N.; , Cupo.A.; , Potter.CS.; , Klasse.PJ.; , Burton.DR.; , Sanders.RW.; , Moore.JP.; , Carragher.B.; , Wilson.IA.; , Ward.AB.
Deposited on : 2013-10-27
Resolution : 7.90 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 | 40817 | Depositor |
| Resolution determination method | FSC 0.143 CUT-OFF | Depositor |
| CTF correction method | Frealign | Depositor |
| Microscope | FEI TECNAI F20 | Depositor |
| Voltage (kV) | 200 | Depositor |
| Electron dose ($e^-/\text{\AA}^2$) | 32 | Depositor |
| Minimum defocus (nm) | 1.0 | Depositor |
| Maximum defocus (nm) | 5.0 | Depositor |
| Magnification | 29000.0 | Depositor |
| Image detector | GATAN K2 (4k x 4k) | Depositor |