



## wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 11:12 am GMT

EMDB ID : EMD-20738  
Title : HIV-1 B41 SOSIP.664 in complex with rabbit antibody 49A  
Authors : , Yang.YR.; , Ward.AB.; , Cottrell.CA.; , Turner.HL.  
Deposited on : 2019-09-19  
Resolution : 19.00 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](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                | 4498                      | Depositor |
| Resolution determination method      | FSC 0.5 CUT-OFF           | Depositor |
| CTF correction method                | Not provided              | Depositor |
| Microscope                           | FEI TECNAI SPIRIT         | Depositor |
| Voltage (kV)                         | 120                       | Depositor |
| Electron dose ( $e^-/\text{\AA}^2$ ) | 25.0                      | Depositor |
| Minimum defocus (nm)                 | 1.5                       | Depositor |
| Maximum defocus (nm)                 | Not provided              | Depositor |
| Magnification                        | 52000.0                   | Depositor |
| Image detector                       | GATAN K2 SUMMIT (4k x 4k) | Depositor |