



## Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 01:24 pm GMT

EMDB ID : EMD-8083  
Title : B41 SOSIP.664 HIV-1 Env trimer in complex with anti-HIV CH235 wk41 Fab  
Authors : , Ozorowski.G.; , Ward.AB.  
Deposited on : 2016-02-20  
Resolution : 24.00 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](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.

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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                | 4248                        | 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.                      | Depositor |
| Image detector                       | TVIPS TEMCAM-F416 (4k x 4k) | Depositor |