



## Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 01:03 pm GMT

EMDB ID : EMD-6356  
Title : Electron cryo-microscopy of Chikungunya virus-like particles in complex with neutralizing antibody Fab 5F10  
Authors : , Porta.JC.; , Mangala.Prasad.V.; , Akahata.W.; , Wang.CI.; , Ng.L.; , Rossmann.MG.  
Deposited on : 2015-06-16  
Resolution : 18.10 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                     | Not Provided       | Depositor |
| Number of images used                | 1621               | Depositor |
| Resolution determination method      | OTHER              | Depositor |
| CTF correction method                | Each image         | Depositor |
| Microscope                           | FEI TITAN KRIOS    | Depositor |
| Voltage (kV)                         | 300                | Depositor |
| Electron dose ( $e^-/\text{\AA}^2$ ) | 22                 | Depositor |
| Minimum defocus (nm)                 | 0.185              | Depositor |
| Maximum defocus (nm)                 | 0.35               | Depositor |
| Magnification                        | 60521.0            | Depositor |
| Image detector                       | FEI CETA (4k x 4k) | Depositor |