



## wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 01:03 pm GMT

EMDB ID : EMD-6467  
Title : Cryo-EM of CHIKV VLP in complex with Fab fragment of neutralizing antibody C9  
Authors : , Jin.J.; , Liss.N.; , Chen.D-H.; , Liao.M.; , Fox.JM.; , Shimak.RM.; , Fong.RH.; , Chafets.D.; , Bakkour.S.; , Keating.S.; , Fomin.ME.; , Muench.MO.; , Sherman.MB.; , Doranz.BJ.; , Diamond.MS.; , Simmons.G.  
Deposited on : 2015-09-13  
Resolution : 14.90 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](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                | 5879                        | Depositor |
| Resolution determination method      | OTHER                       | Depositor |
| CTF correction method                | Each particle               | Depositor |
| Microscope                           | FEI TECNAI F20              | Depositor |
| Voltage (kV)                         | 200                         | Depositor |
| Electron dose ( $e^-/\text{\AA}^2$ ) | 18                          | Depositor |
| Minimum defocus (nm)                 | 1.0                         | Depositor |
| Maximum defocus (nm)                 | 3.0                         | Depositor |
| Magnification                        | 80000.0                     | Depositor |
| Image detector                       | TVIPS TEMCAM-F816 (8k x 8k) | Depositor |