



## wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 12:33 pm GMT

EMDB ID : EMD-5039  
Title : Cryo-EM reconstruction of the giant Mimivirus using C5 symmetry  
Authors : , Xiao.C.; , Kuznetsov.YG.; , Sun.S.; , Hafenstein.SL.; , Kostyuchenko.VA.; , Chipman.PR.; , Suzan-Monti.M.; , Raoult.D.; , McPherson.A.; , Rossmann.MG.  
Deposited on : 2008-12-17  
Resolution : 65.00 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.

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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	30919	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	Each particle	Depositor
Microscope	FEI/PHILIPS CM300FEG/T	Depositor
Voltage (kV)	300	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	20	Depositor
Minimum defocus (nm)	4.505	Depositor
Maximum defocus (nm)	Not provided	Depositor
Magnification	24423.0	Depositor
Image detector	KODAK SO-163 FILM	Depositor