



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:58 pm GMT

EMDB ID : EMD-5496
Title : Cryo-EM reconstruction of Sputnik empty virus
Authors : , Zhang.XZ.; , Sun.SY.; , Xiang.Y.; , Wong.J.; , Klose.T.; , Raoult.D.; ,
Rossmann.MG.
Deposited on : 2012-09-12
Resolution : 3.80 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

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	12000	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	each particle	Depositor
Microscope	FEI TITAN KRIOS	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	22	Depositor
Minimum defocus (nm)	1.1	Depositor
Maximum defocus (nm)	2.4	Depositor
Magnification	59000.0	Depositor
Image detector	KODAK SO-163 FILM	Depositor