



wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 12:34 pm GMT

EMDB ID : EMD-5427
Title : Cryo-EM reconstruction of Nudaurelia capensis omega virus (NwV) capsid at 30min time point following maturation initiation
Authors : , Matsui.T.; , Lander.GC.; , Khayat.R.; , Johnson.JE.
Deposited on : 2012-05-29
Resolution : 8.60 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

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	17174	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	Each image	Depositor
Microscope	FEI TECNAI F20	Depositor
Voltage (kV)	120	Depositor
Electron dose ($e^-/\text{\AA}^2$)	16.5	Depositor
Minimum defocus (nm)	1.0	Depositor
Maximum defocus (nm)	3.0	Depositor
Magnification	80000.0	Depositor
Image detector	Not provided	Depositor