



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 04:20 pm GMT

EMDB ID : EMD-21702
Title : Empty phage G cryoEM capsid structure at 9 Angstrom resolution
Authors : , Gonzalez.B.; , Monroe.L.; , Kumpeng.L.; , Yan.R.; , Wright.E.; , Walter.T.; , Kihara.D.; , Weintraub.SE.; , Julie.AT.; , Philip.S.; , Jiang.W.
Deposited on : 2020-04-14
Resolution : 9.00 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	243	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	Not provided	Depositor
Microscope	FEI TITAN KRIOS	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	14.5	Depositor
Minimum defocus (nm)	1.0	Depositor
Maximum defocus (nm)	5.0	Depositor
Magnification	8700.0	Depositor
Image detector	GATAN K2 QUANTUM (4k x 4k)	Depositor