



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:55 pm GMT

EMDB ID : EMD-6221
Title : Refined structure of lemon-shaped virus His1 using Cryo-ET subtomogram averaging
Authors : , Hong.C.; , Pietila.MK.; , Fu.C.; , Schmid.MF.; , Bamford.DH.; , Chiu.W.
Deposited on : 2014-12-20
Resolution : 28.00 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	subtomogramAveraging	Depositor
Imposed symmetry	Not Provided	Depositor
Number of images used	2444	Depositor
Resolution determination method	OTHER	Depositor
CTF correction method	Not provided	Depositor
Microscope	JEOL 2200FS	Depositor
Voltage (kV)	200	Depositor
Electron dose ($e^-/\text{\AA}^2$)	100	Depositor
Minimum defocus (nm)	0.5	Depositor
Maximum defocus (nm)	1.0	Depositor
Magnification	33186.0	Depositor
Image detector	GATAN ULTRASCAN 4000 (4k x 4k)	Depositor