



wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 12:37 pm GMT

EMDB ID : EMD-5535
Title : Visualization of Bacteriophage T7 Infection by Cryo-Electron Tomography
Authors : , Hu.B.; , Margolin.W.; , Molineux.IJ.; , Liu.J.
Deposited on : 2012-12-04
Resolution : 40.00 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

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	3352	Depositor
Resolution determination method	OTHER	Depositor
CTF correction method	No CTF correction	Depositor
Microscope	FEI POLARA 300	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	100	Depositor
Minimum defocus (nm)	4.0	Depositor
Maximum defocus (nm)	6.0	Depositor
Magnification	31000.0	Depositor
Image detector	GENERIC TVIPS (4k x 4k)	Depositor