



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:38 pm GMT

EMDB ID : EMD-5357
Title : Expansion Intermediates of the Bacteriophage phi6 Procapsid
Authors : , Nemecek.D.; , Cheng.N.; , Qiao.J.; , Mindich.L.; , Steven.AC.; , Heymann.JB.
Deposited on : 2011-11-28
Resolution : 20.00 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	496	Depositor
Resolution determination method	FSC 0.33 CUT-OFF	Depositor
CTF correction method	phase flip particle images	Depositor
Microscope	FEI/PHILIPS CM200FEG	Depositor
Voltage (kV)	120	Depositor
Electron dose ($e^-/\text{\AA}^2$)	15	Depositor
Minimum defocus (nm)	0.7	Depositor
Maximum defocus (nm)	2.1	Depositor
Magnification	48327.0	Depositor
Image detector	KODAK SO-163 FILM	Depositor