



## wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 12:55 pm GMT

EMDB ID : EMD-6427  
Title : Visualizing the Adsorption of Cyanophage P-SSP7 to the Marine Cyanobacterium Prochlorococcus MED4 by Electron Cryo-Tomography  
Authors : , Murata.K.; , Zhang.Q.; , Fu.C.; , Liu.X.; , Sullivan.M.; , Coleman.M.; , Osburne.M.; , Schmid.MF.; , Chisholm.S.; , Chiu.W.  
Deposited on : 2015-08-15  
Resolution : Not provided

This is a wwPDB EM Map Validation Summary Report for a publicly released PDB entry.

We welcome your comments at [validation@mail.wwpdb.org](mailto: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.

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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	70	Depositor
Resolution determination method	OTHER	Depositor
CTF correction method	Not provided	Depositor
Microscope	JEOL 3200FSC	Depositor
Voltage (kV)	300	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	80	Depositor
Minimum defocus (nm)	3.0	Depositor
Maximum defocus (nm)	5.0	Depositor
Magnification	20000.0	Depositor
Image detector	GATAN ULTRASCAN 4000 (4k x 4k)	Depositor