



## wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 01:34 pm GMT

EMDB ID : EMD-8566  
Title : In vivo structure of the Legionella pneumophila Dot/Icm type IV secretion system (aligning the outer membrane complex)  
Authors : , Ghosal.D.; , Chang.YW.; , Jensen.GJ.  
Deposited on : 2017-01-20  
Resolution : 30.00 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](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	POINT, C2	Depositor
Number of images used	373	Depositor
Resolution determination method	OTHER	Depositor
CTF correction method	Not provided	Depositor
Microscope	FEI TITAN KRIOS	Depositor
Voltage (kV)	300	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	1.2	Depositor
Minimum defocus (nm)	Not provided	Depositor
Maximum defocus (nm)	Not provided	Depositor
Magnification	Not provided	Depositor
Image detector	GATAN K2 SUMMIT (4k x 4k)	Depositor