



## wwPDB EM Map Validation Summary Report ⓘ

Dec 7, 2020 – 04:47 pm GMT

EMDB ID : EMD-0852  
Title : Cryo-electron tomography of Candidatus Prometheoarchaeum syntrophicum strain MK-D1  
Authors : Imachi, H.; Nobu, M.K.; Nakahara, N.; Morono, Y.; Ogawara, M.; Takaki, Y.; Takano, Y.; Uematsu, K.; Ikuta, T.; Ito, M.; Matsui, Y.; Miyazaki, M.; Murata, K.; Saito, Y.; Sakai, S.; Song, C.; Tasumi, E.; Yamanaka, Y.; Yamaguchi, T.; Kamagata, Y.; Tamaki, H.; Takai, K.  
Deposited on : 2019-11-03  
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	TOMOGRAPHY	Depositor
Imposed symmetry	Not Provided	Depositor
Number of tilted images used	61	Depositor
Resolution determination method	Not provided	Depositor
CTF correction method	Not provided	Depositor
Microscope	JEOL 2200FS	Depositor
Voltage (kV)	200	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	1.5	Depositor
Minimum defocus (nm)	1.5783	Depositor
Maximum defocus (nm)	4.9672	Depositor
Magnification	16717.0	Depositor
Image detector	DIRECT ELECTRON DE-20 (5k x 3k)	Depositor