



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 11:24 am GMT

EMDB ID : EMD-21953
Title : Downsampled and filtered tomogram of a region from a cryoFIB-SEM-generated lamellae of yeast cells under heat shock stress showing large protein aggregates
Authors : , Wu.GH.; , Mitchell.PG.; , Galaz-Montoya.JG.; , Hecksel.CW.; , Sontag.EM.; , Gangadharan.V.; , Marshman.J.; , Mankus.D.; , Bisher.ME.; , Lytton-Jean.AKR.; , Frydman.J.; , Czymmek.K.; , Chiu.W.
Deposited on : 2020-05-10
Resolution : Not provided

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	tomography	Depositor
Imposed symmetry	Not Provided	Depositor
Number of images used	121	Depositor
Resolution determination method	Not provided	Depositor
CTF correction method	3D CTF correction	Depositor
Microscope	TFS KRIOS	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	0.8264	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