Full wwPDB EM Validation Report (i)

Dec 6, 2023 – 07:33 am GMT

EMDB ID	:	EMD-16478
Title	:	Cryo-electron tomogram of an intact Lachnospira multipara G6 (ATCC 19207) cell.
Authors	:	Wimmer, B.H.; Medalia, O.
Deposited on	:	2023-01-20
Resolution	:	Not provided

This is a Full wwPDB EM 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/EMTomogramValidationReportHelp
with specific help available everywhere you see the (i) symbol.

The types of validation reports are described at
http://www.wwpdb.org/validation/2017/FAQs#types.

The following versions of software and data (see references (1)) were used in the production of this report:

EMDB validation analysis	:	0.0.1.dev70
Validation Pipeline (wwPDB-VP)	:	2.36

1 Experimental information (i)

Property	Value	Source
EM reconstruction method	TOMOGRAPHY	Depositor
Imposed symmetry	Not Provided	
Number of tilted images used	41	Depositor
Resolution determination method	Not provided	
CTF correction method	Not provided	
Microscope	FEI TITAN KRIOS	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/Å^2$)	3.4	Depositor
Minimum defocus (nm)	6.0	Depositor
Maximum defocus (nm)	6.0	Depositor
Magnification	64000.0	Depositor
Image detector	GATAN K2 SUMMIT (4k x 4k)	Depositor

2 Tomogram visualisation (i)

This section contains visualisations of the EMDB entry EMD-16478. These allow visual inspection of the internal detail of the tomogram and identification of artifacts.

2.1 Orthogonal projections (i)

This section was not generated.

2.2 Central slices (i)

This section was not generated.

2.3 Largest variance slices (i)

This section was not generated.

2.4 Orthogonal standard-deviation projections (False-color) (i)

This section was not generated.

2.5 Mask visualisation (i)

This section was not generated. No masks/segmentation were deposited.

MAP-ANALYSIS INFOmissingINFO