



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 01:03 pm GMT

EMDB ID : EMD-6950
Title : Subtomogram average of a nucleosome with long linker DNA from a Volta phase contrast cryotomogram of a cryo-FIB lamella of an interphase HeLa cell
Authors : , Cai.S.; , Bock.D.; , Pilhofer.M.; , Gan.L.
Deposited on : 2018-04-28
Resolution : 21.00 Å(reported)

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	subtomogramAveraging	Depositor
Imposed symmetry	3D CRYSTAL, $a=193.2$ Å, $b=193.2$ Å, $c=193.2$ Å, $\alpha=90^\circ$, $\beta=90^\circ$, $\gamma=90^\circ$, space group=P1	Depositor
Number of images used	693	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	Not provided	Depositor
Microscope	FEI TITAN KRIOS	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	2.0	Depositor
Minimum defocus (nm)	0.0	Depositor
Maximum defocus (nm)	Not provided	Depositor
Magnification	14493.0	Depositor
Image detector	GATAN K2 SUMMIT (4k x 4k)	Depositor