



wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 01:02 pm GMT

EMDB ID : EMD-6838
Title : Nucleosome with ALB1 enhancer DNA sequence
Authors : , Takizawa.Y.; , Tanaka.H.; , Machida.S.; , Koyama.M.; , Maehara.K.; ,
Ohkawa.Y.; , Wade.PA.; , Wolf.M.; , Kurumizaka.H.
Deposited on : 2017-10-18
Resolution : 4.00 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

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	singleParticle	Depositor
Imposed symmetry	POINT, C2	Depositor
Number of images used	288789	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	deconvolution in RELION	Depositor
Microscope	FEI TALOS ARCTICA	Depositor
Voltage (kV)	200	Depositor
Electron dose ($e^-/\text{\AA}^2$)	80.0	Depositor
Minimum defocus (nm)	-1.5	Depositor
Maximum defocus (nm)	-3.0	Depositor
Magnification	100000.	Depositor
Image detector	FEI FALCON III (4k x 4k)	Depositor