



wwPDB EM Map Validation Summary Report ⓘ

Dec 7, 2020 – 04:26 pm GMT

EMDB ID : EMD-0653
Title : Structural basis of Dot1L stimulation by histone H2B lysine 120 ubiquitination.
4.6Å reconstruction of Dot1L on H2BK120Ub nucleosome
Authors : Valencia-Sanchez, M.I.; De Ioannes, P.; Wang, M.; Vasilyev, N.; Chen, R.;
Nudler, E.; Armache, J.-P.; Armache, K.-J.
Deposited on : 2019-03-09
Resolution : 4.60 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	SINGLE PARTICLE	Depositor
Imposed symmetry	Not Provided	Depositor
Number of particles used	199586	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	Not provided	Depositor
Microscope	FEI TALOS ARCTICA	Depositor
Voltage (kV)	200	Depositor
Electron dose ($e^-/\text{\AA}^2$)	41.0	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