



wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 02:13 pm GMT

EMDB ID : EMD-9890
Title : Cryo-EM structure of human apoferritin at 1.9A resolution by CRYO ARM 300
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Deposited on : 2019-04-19
Resolution : 1.90 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, O	Depositor
Number of images used	36855	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	Not provided	Depositor
Microscope	JEOL CRYO ARM 300	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	101.0	Depositor
Minimum defocus (nm)	2.5	Depositor
Maximum defocus (nm)	12.0	Depositor
Magnification	100000.	Depositor
Image detector	GATAN K2 SUMMIT (4k x 4k)	Depositor