



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:54 pm GMT

EMDB ID : EMD-6332
Title : 3D reconstruction of a ferritin-based nanoparticle displaying H1 Hemagglutinin stem epitopes
Authors : , Gallagher.JR.; , Harris.AK.; , Yassine.HM.; , Boyington.JC.; , McTamney.PM.; , Wei.CJ.; , Masaru.M.; , Kong.WP.; , Wang.L.; , Zhang.Y.; , Joyce.MG.; , Lingwood.D.; , Moin.SM.; , Andersen.H.; , Okuno.Y.; , Rao.SS.; , Kwong.PD.; , Mascola.JR.; , Nabel.GJ.; , Graham.BS.
Deposited on : 2015-05-04
Resolution : 16.00 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	singleParticle	Depositor
Imposed symmetry	Not Provided	Depositor
Number of images used	6540	Depositor
Resolution determination method	OTHER	Depositor
CTF correction method	micrograph	Depositor
Microscope	FEI TITAN KRIOS	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	15	Depositor
Minimum defocus (nm)	3.5	Depositor
Maximum defocus (nm)	7.0	Depositor
Magnification	75000.0	Depositor
Image detector	GATAN ULTRASCAN 4000 (4k x 4k)	Depositor