



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:38 pm GMT

EMDB ID : EMD-5374
Title : Structural basis for broad detection of genogroup II noroviruses by a monoclonal antibody that binds to a site occluded in the viral particle
Authors : , Hansman.GS.; , Taylor.DW.; , McLellan.JS.; , Smith.TJ.; , Georgiev.I.; , Tame.JRH.; , Park.SY.; , Yamazaki.M.; , Gondaira.F.; , Miki.M.; , Katayama.K.; , Murata.K.; , Kwong.PD.
Deposited on : 2011-12-20
Resolution : 10.00 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	8000	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	Each image	Depositor
Microscope	JEOL 2200FS	Depositor
Voltage (kV)	200	Depositor
Electron dose ($e^-/\text{\AA}^2$)	20	Depositor
Minimum defocus (nm)	0.5	Depositor
Maximum defocus (nm)	2.0	Depositor
Magnification	40000.0	Depositor
Image detector	GENERIC TVIPS (4k x 4k)	Depositor