



## wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 12:39 pm GMT

EMDB ID : EMD-5731  
Title : Antibody Recognition of the Pandemic H1N1 Influenza Hemagglutinin Receptor Binding Site  
Authors : , Hong.M.; , Lee.PS.; , Hoffman.RMB.; , Zhu.X.; , Krause.JC.; , Laursen.NS.; , Yoon.S.; , Song.L.; , Tussey.L.; , Crowe.Jr.JE.; , Ward.AB.; , Wilson.IA.  
Deposited on : 2013-07-29  
Resolution : 22.00 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](mailto: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.

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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	5106	Depositor
Resolution determination method	OTHER	Depositor
CTF correction method	Not provided	Depositor
Microscope	FEI TECNAI 12	Depositor
Voltage (kV)	120	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	Not provided	Depositor
Minimum defocus (nm)	1.3	Depositor
Maximum defocus (nm)	1.3	Depositor
Magnification	52000.0	Depositor
Image detector	TVIPS TEMCAM-F416 (4k x 4k)	Depositor