



## wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 12:57 pm GMT

EMDB ID : EMD-6612  
Title : Cryo-electron microscopy structure of influenza H1 hemagglutinin bound to head-targeting antibody, 7B2  
Authors : , Tran.EEH.; , Podolsky.KA.; , Bartesaghi.A.; , Kuybeda.O.; , Grandinetti.G.; , Wohlbold.TJ.; , Tan.GS.; , Nachbagauer.R.; , Palese.P.; , Krammer.F.; , Subramaniam.S.  
Deposited on : 2016-02-29  
Resolution : 25.00 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	subtomogramAveraging	Depositor
Imposed symmetry	Not Provided	Depositor
Number of images used	297	Depositor
Resolution determination method	OTHER	Depositor
CTF correction method	Not provided	Depositor
Microscope	FEI TITAN KRIOS	Depositor
Voltage (kV)	300	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	120	Depositor
Minimum defocus (nm)	2.0	Depositor
Maximum defocus (nm)	3.0	Depositor
Magnification	64000.0	Depositor
Image detector	GATAN K2 SUMMIT (4k x 4k)	Depositor