



## wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 01:12 pm GMT

EMDB ID : EMD-5585  
Title : Electron cryo-microscopy of Haliotis diversicolor molluscan hemocyanin isoform 1 (HdH1)  
Authors : , Zhang.Q.; , Dai.X.; , Cong.Y.; , Zhang.J.; , Chen.DH.; , Dougherty.M.; , Wang.J.; , Ludtke.S.; , Schmid.MF.; , Chiu.W.  
Deposited on : 2013-02-19  
Resolution : 4.50 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	28641	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	each micrograph	Depositor
Microscope	JEOL 3200FSC	Depositor
Voltage (kV)	300	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	20	Depositor
Minimum defocus (nm)	0.5	Depositor
Maximum defocus (nm)	3.6	Depositor
Magnification	60000.0	Depositor
Image detector	KODAK SO-163 FILM	Depositor