



## Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:34 pm GMT

EMDB ID : EMD-5278  
Title : 3D structure of a full-length type 1 inositol 1,4,5-trisphosphate receptor in the closed state  
Authors : , Ludtke.SJ.; , Tran.TP.; , Ngo.QT.; , Moiseenkova-Bell.VY.; , Chiu.W.; , Serysheva.II.  
Deposited on : 2011-04-26  
Resolution : 9.50 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](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	37231	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	Per particle phase-flipping with amplitude correction of class-averages	Depositor
Microscope	JEOL 2010F	Depositor
Voltage (kV)	200	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	18	Depositor
Minimum defocus (nm)	1.4	Depositor
Maximum defocus (nm)	3.5	Depositor
Magnification	60000.0	Depositor
Image detector	GENERIC GATAN (4k x 4k)	Depositor