



Full wwPDB EM Map Validation Report ⓘ

Dec 7, 2020 – 03:24 pm GMT

EMDB ID : EMD-0347
Title : Apo form metabotropic glutamate receptor 5 with Nanobody 43
Authors : Koehl, A.; Hu, H.; Feng, D.; Zhang, Y.; Sun, B.; Kobilka, T.S.; Pardon, E.;
Steyaert, J.; Mathiesen, J.M.; Skiniotis, G.; Kobilka, B.K.
Deposited on : 2018-11-20
Resolution : 7.90 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	SINGLE PARTICLE	Depositor
Imposed symmetry	Not Provided	Depositor
Number of particles used	44831	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	Not provided	Depositor
Microscope	FEI TITAN KRIOS	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	50.0	Depositor
Minimum defocus (nm)	Not provided	Depositor
Maximum defocus (nm)	Not provided	Depositor
Magnification	58139.	Depositor
Image detector	GATAN K2 SUMMIT (4k x 4k)	Depositor