



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 01:26 pm GMT

EMDB ID : EMD-8120
Title : Structure of TRPV1 in complex with capsazepine, determined in lipid nanodisc
Authors : , Gao.Y.; , Cao.E.; , Julius.D.; , Cheng.Y.
Deposited on : 2016-03-15
Resolution : 3.80 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	singleParticle	Depositor
Imposed symmetry	POINT, C4	Depositor
Number of images used	47477	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	CTF correction was performed before classification and refinement.	Depositor
Microscope	FEI POLARA 300	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	41.0	Depositor
Minimum defocus (nm)	0.7	Depositor
Maximum defocus (nm)	2.2	Depositor
Magnification	41132.0	Depositor
Image detector	GATAN K2 SUMMIT (4k x 4k)	Depositor