



wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 12:39 pm GMT

EMDB ID : EMD-5688
Title : Structural insight into the thermoTRPV channels assembly
Authors : , Huynh.KW.; , Cohen.MR.; , Chakrapani.S.; , Holdaway.HA.; , Stewart.PL.;
 , Moiseenkova-Bell.VY.
Deposited on : 2013-06-06
Resolution : 13.60 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

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 | Not Provided | Depositor |
| Number of images used | 23051 | Depositor |
| Resolution determination method | FSC 0.143 CUT-OFF | Depositor |
| CTF correction method | each image | Depositor |
| Microscope | FEI TECNAI F20 | Depositor |
| Voltage (kV) | 200 | Depositor |
| Electron dose ($e^-/\text{\AA}^2$) | 10 | Depositor |
| Minimum defocus (nm) | -1.5 | Depositor |
| Maximum defocus (nm) | -3.0 | Depositor |
| Magnification | 117293.0 | Depositor |
| Image detector | TVIPS TEMCAM-F416 (4k x 4k) | Depositor |