



## Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:34 pm GMT

EMDB ID : EMD-5478  
Title : Cryo electron tomography of sensory cilia in normal and diseased retinas  
Authors : , Gilliam.JC.; , Chang.JT.; , Sandoval.IM.; , Zhang.Y.; , Li.T.; , Pittler.SJ.; , Chiu.W.; , Wensel.TG.  
Deposited on : 2012-08-23  
Resolution : Not provided

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.

---

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	tomography	Depositor
Imposed symmetry	Not Provided	Depositor
Number of images used	59	Depositor
Resolution determination method	Not provided	Depositor
CTF correction method	Not provided	Depositor
Microscope	JEOL 2100	Depositor
Voltage (kV)	200	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	71	Depositor
Minimum defocus (nm)	Not provided	Depositor
Maximum defocus (nm)	Not provided	Depositor
Magnification	15000.0	Depositor
Image detector	GENERIC GATAN	Depositor