



## Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:45 pm GMT

EMDB ID : EMD-5802  
Title : Electron crystallography of AQP0 with anionic phospholipids.  
Authors : , Hite.RK.; , Chiu.P-L.; , Schuller.J.; , Walz.T.  
Deposited on : 2013-11-26  
Resolution : 7.00 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.

---

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	electronCrystallography	Depositor
Imposed symmetry	2D CRYSTAL, $a=65.5$ Å, $b=65.5$ Å, $c=200$ Å, $\gamma=90.0^\circ$ , space group=P 4 21 2	Depositor
Number of images used	Not provided	Depositor
Resolution determination method	DIFFRACTION PATTERN/LAYERLINES	Depositor
CTF correction method	Phase flipping with each micrograph	Depositor
Microscope	FEI POLARA 300	Depositor
Voltage (kV)	300	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	20	Depositor
Minimum defocus (nm)	0.35	Depositor
Maximum defocus (nm)	0.65	Depositor
Magnification	80000.0	Depositor
Image detector	GATAN ULTRASCAN 4000 (4k x 4k)	Depositor