



wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 12:44 pm GMT

EMDB ID : EMD-5803
Title : Electron crystallography of AQP0 with anionic phospholipids.
Authors : , Hite.RK.; , Chiu.P-L.; , Schuller.J.; , Walz.T.
Deposited on : 2013-11-26
Resolution : 8.00 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	electronCrystallography	Depositor
Imposed symmetry	2D CRYSTAL, $a=65.5$ Å, $b=65.5$ Å, $c=200$ Å, $\gamma=90.0^\circ$, space group=P 1 21	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