



## Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:36 pm GMT

EMDB ID : EMD-5548  
Title : Signaling in Chemoreceptor Arrays Through Mobility Control of Kinase Domains - high kinase activity state - tsr mutant QEQE  
Authors : , Briegel.A.; , Ames.P.; , Gumbart.JC.; , Oikonomou.CM.; , Parkinson.JS.; , Jensen.GJ.  
Deposited on : 2012-12-14  
Resolution : 25.00 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.

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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	subtomogramAveraging	Depositor
Imposed symmetry	Not Provided	Depositor
Number of images used	Not provided	Depositor
Resolution determination method	Not provided	Depositor
CTF correction method	IMOD	Depositor
Microscope	FEI POLARA 300	Depositor
Voltage (kV)	300	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	150	Depositor
Minimum defocus (nm)	10.0	Depositor
Maximum defocus (nm)	Not provided	Depositor
Magnification	34000.0	Depositor
Image detector	Not provided	Depositor