



## Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:39 pm GMT

EMDB ID : EMD-5716  
Title : Signaling in Chemoreceptor Arrays Through Mobility Control of Kinase Domains - kinase activity state locked off - tsr variant P221DdeltaP1P2  
Authors : , Briegel.A.; , Ames.P.; , Gumbart.JC.; , Oikonomou.CM.; , Parkinson.JS.; , Jensen.GJ.  
Deposited on : 2013-07-09  
Resolution : 32.00 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	75	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	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