



# wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 12:34 pm GMT

EMDB ID : EMD-5469  
Title : Dynamics in Cryo EM Reconstructions Visualized with Maximum-Likelihood  
Derived Variance Maps  
Authors : , Wang.Q.; , Matsui.T.; , Domitrovic.T.; , Zheng.Y.; , Doerschuk.PC.; , John-  
son.JE.  
Deposited on : 2012-08-19  
Resolution : Not provided

This is a wwPDB EM Map Validation Summary 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	singleParticle	Depositor
Imposed symmetry	Not Provided	Depositor
Number of images used	1200	Depositor
Resolution determination method	Not provided	Depositor
CTF correction method	Each image	Depositor
Microscope	FEI TECNAI F20	Depositor
Voltage (kV)	120	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	Not provided	Depositor
Minimum defocus (nm)	Not provided	Depositor
Maximum defocus (nm)	Not provided	Depositor
Magnification	Not provided	Depositor
Image detector	Not provided	Depositor