



## wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 12:38 pm GMT

EMDB ID : EMD-5672  
Title : CryoEM Structure of the KaiBC Complex  
Authors : , Villarreal.SA.; , Pattanayek.R.; , Williams.DR.; , Mori.T.; , Qin.X.; , Johnson.CH.; , Egli.M.; , Stewart.PL.  
Deposited on : 2013-05-16  
Resolution : 16.00 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](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	195226	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	Each micrograph	Depositor
Microscope	FEI POLARA 300	Depositor
Voltage (kV)	300	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	Not provided	Depositor
Minimum defocus (nm)	-1.0	Depositor
Maximum defocus (nm)	-5.0	Depositor
Magnification	254669.0	Depositor
Image detector	GATAN ULTRASCAN 4000 (4k x 4k)	Depositor