W O R L D W I D E
wwPDB
PROTEIN DATA BANK

wwPDB EM Map Validation Summary Report (i)

Dec 9, 2020 – 12:27 pm GMT

EMDB ID	:	EMD-5034
Title	:	Structure of a type IV secretion system core complex
Authors	:	, Fronzes.R.; , Schafer.E.; , Wang.L.; , Saibil.H.; , Orlova.E.; , Waksman.G.
Deposited on	:	2008-11-10
Resolution	:	20.00 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 (i) symbol.

The following versions of software and data (see references (i)) were used in the production of this report:

EMDB validation analysis	:	FAILED
Validation Pipeline (wwPDB-VP)	:	2.13

1   Experimental information (i)

Property	Value	Source
EM reconstruction method	singleParticle	Depositor
Imposed symmetry	Not Provided	Depositor
Number of images used	1557	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	phase flipping, each CCD image	Depositor
Microscope	FEI TECNAI F20	Depositor
Voltage (kV)	200	Depositor
Electron dose $(e^-/\text{Å}^2)$	20	Depositor
Minimum defocus (nm)	1.25	Depositor
Maximum defocus (nm)	3.5	Depositor
Magnification	68100.0	Depositor
Image detector	GENERIC GATAN	Depositor