Full wwPDB EM Map Validation Report (i)

Dec 9, 2020 – 12:30 pm GMT

EMDB ID	:	EMD-5301
Title	:	Negative Stain reconstruction of the Thermus thermophilus A-ATPase to 23 Angstrom. Opposite Hand to published.
Authors	:	, Bernal.RA.; , Stock.D.
Deposited on	:	2011-06-07
Resolution	:	23.00 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*
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 (1)) 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	12300	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	no ctf correction done because it was a negative stain reconstruction	Depositor
Microscope	FEI TECNAI 12	Depositor
Voltage (kV)	120	Depositor
Electron dose ($e^-/Å^2$)	Not provided	Depositor
Minimum defocus (nm)	1.0	Depositor
Maximum defocus (nm)	1.0	Depositor
Magnification	42000.0	Depositor
Image detector	KODAK SO-163 FILM	Depositor