



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:34 pm GMT

EMDB ID : EMD-5505
Title : Hexameric structure of the conjugative VirB4 ATPase TrwK: new insights into a functional and phylogenetic relationship with DNA translocases
Authors : , Pena.A.; , Matilla.I.; , Martin-Benito.J.; , Valpuesta.JM.; , Carrascosa.JL.; , De.la.Cruz.F.; , Cabezon.E.; , Arechaga.I.
Deposited on : 2012-09-28
Resolution : 20.00 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 ⓘ symbol.

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	1179	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	Yes	Depositor
Microscope	JEOL 1200EXII	Depositor
Voltage (kV)	100	Depositor
Electron dose ($e^-/\text{\AA}^2$)	20	Depositor
Minimum defocus (nm)	0.6	Depositor
Maximum defocus (nm)	1.0	Depositor
Magnification	60000.0	Depositor
Image detector	KODAK SO-163 FILM	Depositor