



wwPDB EM Map Validation Summary Report ⓘ

Dec 7, 2020 – 03:32 pm GMT

EMDB ID : EMD-0389
Title : Structure of bacteriophage T7 lagging-strand DNA polymerase (D5A/E7A)/Trx interacting with primase domains of two gp4 subunits (B and C), with gp4 helicase bound to a DNA fork and dTTP (LagL3)
Authors : Gao, Y.; Fox, T.; Val, N.; Yang, W.
Deposited on : 2018-12-05
Resolution : 7.80 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 ⓘ 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	SINGLE PARTICLE	Depositor
Imposed symmetry	POINT, C1	Depositor
Number of particles used	20298	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	Not provided	Depositor
Microscope	FEI TITAN KRIOS	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	40.0	Depositor
Minimum defocus (nm)	Not provided	Depositor
Maximum defocus (nm)	Not provided	Depositor
Magnification	Not provided	Depositor
Image detector	GATAN K2 SUMMIT (4k x 4k)	Depositor