



wwPDB EM Map Validation Summary Report ⓘ

Dec 7, 2020 – 05:10 pm GMT

EMDB ID : EMD-0984
Title : Luminal ring bumper-7 conformation of the *Xenopus laevis* nuclear pore complex
Authors : Li, S.; Zhang, Y.Q.
Deposited on : 2020-01-31
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

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	SUBTOMOGRAM AVERAGING	Depositor
Imposed symmetry	POINT, C1	Depositor
Number of subtomograms used	13087	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 ($e^-/\text{\AA}^2$)	2.93	Depositor
Minimum defocus (nm)	2.0	Depositor
Maximum defocus (nm)	4.0	Depositor
Magnification	64000.0	Depositor
Image detector	GATAN K2 QUANTUM (4k x 4k)	Depositor