



wwPDB EM Validation Summary Report ⓘ

Jul 26, 2021 – 12:26 pm BST

EMDB ID : EMD-12719
Title : Yeast RNA polymerase II transcription pre-initiation complex with initial transcription bubble
Authors : Schilbach, S.; Aibara, S.; Dienemann, C.; Grabbe, F.; Cramer, P.
Deposited on : 2021-04-06
Resolution : 3.20 Å(reported)

This is a wwPDB EM 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) : 2.22

1 Experimental information

| Property | Value | Source |
|--------------------------------------|---------------------------|-----------|
| EM reconstruction method | SINGLE PARTICLE | Depositor |
| Imposed symmetry | Not Provided | |
| Number of particles used | 16495 | Depositor |
| Resolution determination method | FSC 0.143 CUT-OFF | Depositor |
| CTF correction method | Not provided | |
| Microscope | FEI TITAN KRIOS | Depositor |
| Voltage (kV) | 300 | Depositor |
| Electron dose ($e^-/\text{\AA}^2$) | 43.6 | Depositor |
| Minimum defocus (nm) | 0.5 | Depositor |
| Maximum defocus (nm) | 4.0 | Depositor |
| Magnification | 130000.0 | Depositor |
| Image detector | GATAN K2 SUMMIT (4k x 4k) | Depositor |