



Full wwPDB EM Validation Report ⓘ

Mar 3, 2025 – 12:38 pm GMT

EMDB ID : EMD-19717
Title : Cryo-EM structure of the C terminal region of PTX3 with a section of coiled-coil
Authors : Snee, M.; Shah, A.; Lockhart-Cairns, M.; Collins, R.; Levy, C.; Baldock, C.; Day, A.
Deposited on : 2024-02-22
Resolution : 3.33 Å(reported)

This is a Full wwPDB EM 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 types of validation reports are described at

<http://www.wwpdb.org/validation/2017/FAQs#types>.

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) : 2.41

1 Experimental information

Property	Value	Source
EM reconstruction method	SINGLE PARTICLE	Depositor
Imposed symmetry	POINT, D4	Depositor
Number of particles used	23457	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 ($e^-/\text{\AA}^2$)	40.0	Depositor
Minimum defocus (nm)	1.0	Depositor
Maximum defocus (nm)	2.0	Depositor
Magnification	165000.0	Depositor
Image detector	FEI FALCON IV (4k x 4k)	Depositor