



wwPDB EM Validation Summary Report ⓘ

Feb 27, 2025 – 12:08 pm GMT

EMDB ID : EMD-17821
Title : Sak Single Strand Annealing Protein from Staphylococcal Bacteriophage 80a
- dCTD
Authors : Debiasi-Anders, G.; Mir-Sanchis, I.
Deposited on : 2023-07-10
Resolution : 3.21 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 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, C18	Depositor
Number of particles used	75703	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	Not provided	
Microscope	TFS GLACIOS	Depositor
Voltage (kV)	200	Depositor
Electron dose ($e^-/\text{\AA}^2$)	50.0	Depositor
Minimum defocus (nm)	1.6	Depositor
Maximum defocus (nm)	2.9	Depositor
Magnification	190000.0	Depositor
Image detector	TFS FALCON 4i (4k x 4k)	Depositor