



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 01:25 pm GMT

EMDB ID : EMD-8065
Title : Soybean agglutinin(SBA) microtube
Authors : , Zhang.X.; , Li.X.; , Liu.C.
Deposited on : 2016-02-02
Resolution : 7.80 Å(reported)

This is a Full wwPDB EM Map 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 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	helical	Depositor
Imposed symmetry	HELICAL, twist=-36.9°, rise=21.22 Å, axial sym=C1	Depositor
Number of images used	63925	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 ($e^-/\text{\AA}^2$)	50.0	Depositor
Minimum defocus (nm)	1.0	Depositor
Maximum defocus (nm)	2.0	Depositor
Magnification	22500.0	Depositor
Image detector	GATAN K2 SUMMIT (4k x 4k)	Depositor