



# wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 11:25 am GMT

EMDB ID : EMD-21998  
Title : EM structure of human tumor suppressor bound to human DSS1 protein and ssDNA with crosslinking  
Authors : , Le.HP.; , Ma.X.; , Vaquero.J.; , Brinkmeyer.M.; , Guo.F.; , Heyer.W-D.; , Liu.J.  
Deposited on : 2020-05-20  
Resolution : 14.60 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](mailto: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.

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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	singleParticle	Depositor
Imposed symmetry	POINT, C1	Depositor
Number of images used	18429	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	Not provided	Depositor
Microscope	JEOL 2100F	Depositor
Voltage (kV)	200	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	37.5	Depositor
Minimum defocus (nm)	1.0	Depositor
Maximum defocus (nm)	3.5	Depositor
Magnification	40000.0	Depositor
Image detector	DIRECT ELECTRON DE-20 (5k x 3k)	Depositor