



wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 01:38 pm GMT

EMDB ID : EMD-8109
Title : Structure of RelA bound to the 70S ribosome (catalytic domain conformation 1)
Authors : , Brown.A.; , Fernandez.IS.; , Gordiyenko.Y.; , Ramakrishnan.V.
Deposited on : 2016-03-11
Resolution : 3.60 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

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	singleParticle	Depositor
Imposed symmetry	Not Provided	Depositor
Number of images used	14683	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	Not provided	Depositor
Microscope	FEI POLARA 300	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	35.0	Depositor
Minimum defocus (nm)	1.8	Depositor
Maximum defocus (nm)	3.0	Depositor
Magnification	104478.	Depositor
Image detector	OTHER	Depositor