



## Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:28 pm GMT

EMDB ID : EMD-5222  
Title : Nitrogen-Responsive Transcription Factor NrpR form Methanococcus maripaludis in a 2OG-bound (inhibited) state  
Authors : , Wisedchaisri.G.; , Dranow.DM.; , Lie.TJ.; , Bonanno.JB.; , Patskovsky.Y.; , Ozyurt.SA.; , Sauder.JM.; , Almo.SC.; , Wasserman.SR.; , Burley.SK.; , Leigh.JA.; , Gonen.T.  
Deposited on : 2010-08-04  
Resolution : 22.00 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](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.

---

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	8498	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	Each particle	Depositor
Microscope	FEI TECNAI 12	Depositor
Voltage (kV)	120	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	Not provided	Depositor
Minimum defocus (nm)	Not provided	Depositor
Maximum defocus (nm)	Not provided	Depositor
Magnification	52000.0	Depositor
Image detector	Not provided	Depositor