



## Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:39 pm GMT

EMDB ID : EMD-5698  
Title : Structure of NtrC1 ATPase in complex with Sigma-54 and promoter DNA  
Authors : , Chowdhury.S.; , Sysoeva.TA.; , Guo.L.; , Nixon.BT.  
Deposited on : 2013-06-25  
Resolution : 24.00 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	20000	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	Per micrograph	Depositor
Microscope	JEOL 2100F	Depositor
Voltage (kV)	200	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	20	Depositor
Minimum defocus (nm)	1.5	Depositor
Maximum defocus (nm)	2.5	Depositor
Magnification	80000.0	Depositor
Image detector	GENERIC TVIPS (2k x 2k)	Depositor