



## Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:33 pm GMT

EMDB ID : EMD-5443  
Title : Regulation of mammalian transcription by Gdown1 through a novel steric crosstalk revealed by cryo-EM  
Authors : , Wu.YM.; , Chang.JW.; , Wang.CH.; , Lin.YC.; , Wu.PL.; , Huang.SH.; , Chang.CC.; , Hu.X.; , Gnatt.A.; , Chang.WH.  
Deposited on : 2012-06-29  
Resolution : 19.00 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.

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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                     | Not Provided      | Depositor |
| Number of images used                | 24000             | Depositor |
| Resolution determination method      | FSC 0.143 CUT-OFF | Depositor |
| CTF correction method                | Each particle     | Depositor |
| Microscope                           | JEOL 2010F        | Depositor |
| Voltage (kV)                         | 200               | Depositor |
| Electron dose ( $e^-/\text{\AA}^2$ ) | 20                | Depositor |
| Minimum defocus (nm)                 | Not provided      | Depositor |
| Maximum defocus (nm)                 | Not provided      | Depositor |
| Magnification                        | Not provided      | Depositor |
| Image detector                       | Not provided      | Depositor |