



## wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 01:28 pm GMT

EMDB ID : EMD-7153  
Title : T20S proteasome on a gold Quantifoil grid  
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          , Tan.Y.; , Zhang.Z.; , Kim.LY.; , Scapin.G.; , Rapp.M.; , Eng.ET.; ,  
          Rice.WJ.; , Cheng.A.; , Negro.CJ.; , Shapiro.L.; , Kwong.PD.; , Jeruzalmi.D.;  
          , des.Georges.A.; , Potter.CS.; , Carragher.B.  
Deposited on : 2017-12-05  
Resolution : Not provided

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             | tomography                | Depositor |
| Imposed symmetry                     | Not Provided              | Depositor |
| Number of images used                | 28                        | Depositor |
| Resolution determination method      | Not provided              | Depositor |
| CTF correction method                | Not provided              | Depositor |
| Microscope                           | FEI TITAN KRIOS           | Depositor |
| Voltage (kV)                         | 300                       | Depositor |
| Electron dose ( $e^-/\text{\AA}^2$ ) | 2.0                       | Depositor |
| Minimum defocus (nm)                 | Not provided              | Depositor |
| Maximum defocus (nm)                 | Not provided              | Depositor |
| Magnification                        | Not provided              | Depositor |
| Image detector                       | GATAN K2 SUMMIT (4k x 4k) | Depositor |