



## wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 12:36 pm GMT

EMDB ID : EMD-5606  
Title : Substrate-specific structural rearrangements of human Dicer  
Authors : , Taylor.DW.; , Ma.E.; , Shigematsu.H.; , Cianfrocco.MA.; , Noland.CL.; ,  
Nagayama.K.; , Nogales.E.; , Doudna.JA.; , Wang.HW.  
Deposited on : 2013-03-10  
Resolution : 26.00 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](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	10000	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	each micrograph	Depositor
Microscope	FEI TECNAI 12	Depositor
Voltage (kV)	120	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	20	Depositor
Minimum defocus (nm)	0.4	Depositor
Maximum defocus (nm)	1.5	Depositor
Magnification	50000.0	Depositor
Image detector	GENERIC TVIPS (4k x 4k)	Depositor