



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 01:51 pm GMT

EMDB ID : EMD-9263
Title : Single-Molecule 3D Image of Double Complexes of DNA-Nanogold Conjugates
(No. 02)
Authors : , Wu.H.; , Zhai.X.; , Lei.D.; , Liu.J.; , Yu.Y.; , Bie.R.; , Ren.G.
Deposited on : 2018-10-26
Resolution : 17.00 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

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	tomography	Depositor
Imposed symmetry	Not Provided	Depositor
Number of images used	81	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	Not provided	Depositor
Microscope	ZEISS LIBRA120PLUS	Depositor
Voltage (kV)	120	Depositor
Electron dose ($e^-/\text{\AA}^2$)	56.39	Depositor
Minimum defocus (nm)	Not provided	Depositor
Maximum defocus (nm)	Not provided	Depositor
Magnification	125000.	Depositor
Image detector	GATAN ULTRASCAN 4000 (4k x 4k)	Depositor