



Full wwPDB EM Validation Report ⓘ

Sep 7, 2026 – 12:20 PM JST

PDB ID : 9UEJ / pdb_00009uej
EMDB ID : EMD-64083
Title : Cryo-EM structure of L-lysine 6-dehydrogenase
Authors : Funahashi, T.; Yamaguchi, H.; Suzuki, S.; Suzuki, H.; Nishikawa, K.; Kazu-
toshi, T.; Fujiyoshi, Y.; Sugiki, M.
Deposited on : 2025-04-08
Resolution : 2.94 Å(reported)

This is a Full wwPDB EM 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/EMValidationReportHelp>
with specific help available everywhere you see the ⓘ symbol.

The types of validation reports are described at

<http://www.wwpdb.org/validation/2017/FAQs#types>.

The following versions of software and data (see [references ⓘ](#)) were used in the production of this report:

EMDB validation analysis : 0.0.1.dev133
MolProbity : 4-5-2 with Phenix2.0
Percentile statistics : 20250101.v01 (using entries in the PDB archive January 1st

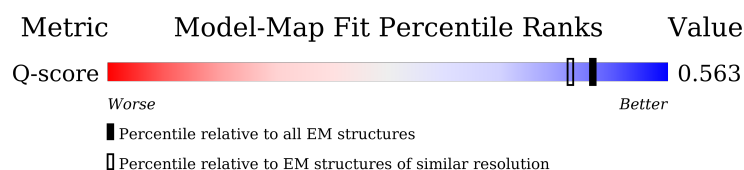
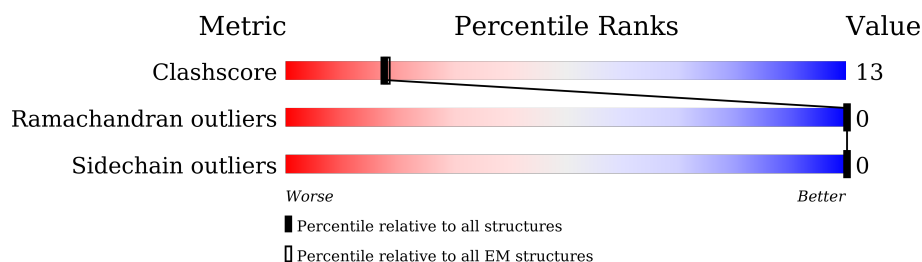
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

ELECTRON MICROSCOPY

The reported resolution of this entry is 2.94 Å.

Percentile scores (ranging between 0-100) for global validation metrics of the entry are shown in the following graphic. The table shows the number of entries on which the scores are based.



2 Entry composition

There is only 1 type of molecule in this entry. The entry contains 11860 atoms, of which 0 are hydrogens and 0 are deuteriums.

In the tables below, the AltConf column contains the number of residues with at least one atom in alternate conformation and the Trace column contains the number of residues modelled with at most 2 atoms.

- Molecule 1 is a protein called Lysine 6-dehydrogenase.

Mol	Chain	Residues	Atoms					AltConf	Trace
1	A	384	Total	C	N	O	S	0	0
			2965	1875	522	559	9		
1	B	384	Total	C	N	O	S	0	0
			2965	1875	522	559	9		
1	C								

