

Resource Summary Report

Generated by SPARC SAWG on Sep 16, 2026

Topology Data Bank of Transmembrane Proteins

RRID:SCR_007964

Type: Tool

Proper Citation

Topology Data Bank of Transmembrane Proteins (RRID:SCR_007964)

Resource Information

URL: <http://topdb.enzim.hu>

Proper Citation: Topology Data Bank of Transmembrane Proteins (RRID:SCR_007964)

Description: Collection of transmembrane protein datasets containing experimentally derived topology information from the literature and from public databases. Web interface of TOPDB includes tools for searching, relational querying and data browsing, visualisation tools for topology data.

Abbreviations: TOPDB

Synonyms: Topology Data Bank of Transmembrane Proteins, TOPDB

Resource Type: data or information resource, database

Defining Citation: [PMID:17921502](#)

Keywords: collection, transmembrane, protein, dataset, topology, public, data, sequence, database

Funding: Bolyai János Scholarship ;
Hungarian research and development funds ;
OTKA ;
Öveges fellowship

Availability: Free, Available for download, Freely available for non commercial users

Resource Name: Topology Data Bank of Transmembrane Proteins

Resource ID: SCR_007964

Alternate IDs: nif-0000-03568

Record Creation Time: 20220129T080244+0000

Ratings and Alerts

No rating or validation information has been found for Topology Data Bank of Transmembrane Proteins.

No alerts have been found for Topology Data Bank of Transmembrane Proteins.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Zaman N, et al. (2025) Molecular insights into pangenome localization and constructs design for Hemophilus influenza vaccine. Scientific reports, 15(1), 22316.

Langó T, et al. (2017) Identification of Extracellular Segments by Mass Spectrometry Improves Topology Prediction of Transmembrane Proteins. Scientific reports, 7, 42610.

Hassan A, et al. (2016) Pangenome and immuno-proteomics analysis of Acinetobacter baumannii strains revealed the core peptide vaccine targets. BMC genomics, 17(1), 732.

Gu X, et al. (2016) GSG1L suppresses AMPA receptor-mediated synaptic transmission and uniquely modulates AMPA receptor kinetics in hippocampal neurons. Nature communications, 7, 10873.

Molnár J, et al. (2016) Characterization of Disease-Associated Mutations in Human Transmembrane Proteins. PloS one, 11(3), e0151760.

Varga J, et al. (2016) TOPDOM: database of conservatively located domains and motifs in proteins. Bioinformatics (Oxford, England), 32(17), 2725.