

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 11, 2025

TMHMM Server

RRID:SCR_014935

Type: Tool

Proper Citation

TMHMM Server (RRID:SCR_014935)

Resource Information

URL: <http://www.cbs.dtu.dk/services/TMHMM/>

Proper Citation: TMHMM Server (RRID:SCR_014935)

Description: Web application for the prediction of transmembrane helices in proteins using Hidden Markov Models. FASTA formatted sequences can be uploaded via file or copy-paste, and output can be formatted as extensive with graphics, extensive without graphics, or one line per protein. Submissions are limited to 10,000 sequences and 4,000,000 amino acids - each sequence is limited to no more than 8,000 amino acids.

Synonyms: TMHMM Server v 2.0

Resource Type: software resource, web application

Keywords: sequence, amino acid, web application, transmembrane helices, hidden markov model, fasta

Funding:

Availability: Open source

Resource Name: TMHMM Server

Resource ID: SCR_014935

Record Creation Time: 20220129T080323+0000

Record Last Update: 20250410T070544+0000

Ratings and Alerts

No rating or validation information has been found for TMHMM Server.

No alerts have been found for TMHMM Server.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1828 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Washington JM, et al. (2025) Expanding the Diversity of Actinobacterial Tectiviridae: A Novel Genus from Microbacterium. *Viruses*, 17(1).

Basmenj ER, et al. (2025) Computational epitope-based vaccine design with bioinformatics approach; a review. *Heliyon*, 11(1), e41714.

Debat H, et al. (2025) RNA Virus Discovery Sheds Light on the Virome of a Major Vineyard Pest, the European Grapevine Moth (*Lobesia botrana*). *Viruses*, 17(1).

Liu Q, et al. (2025) Identification of EXPA4 as a key gene in cotton salt stress adaptation through transcriptomic and coexpression network analysis of root tip protoplasts. *BMC plant biology*, 25(1), 65.

Donato A, et al. (2025) OSP-1 protects neurons from autophagic cell death induced by acute oxidative stress. *Nature communications*, 16(1), 300.

Gawad WE, et al. (2025) Cyclic di AMP phosphodiesterase nanovaccine elicits protective immunity against *Burkholderia cenocepacia* infection in mice. *NPJ vaccines*, 10(1), 22.

Pha K, et al. (2024) The *Chlamydia* effector IncE employs two short linear motifs to reprogram host vesicle trafficking. *Cell reports*, 43(8), 114624.

Luckett T, et al. (2024) Mesothelin Secretion by Pancreatic Cancer Cells Co-opts Macrophages and Promotes Metastasis. *Cancer research*, 84(4), 527.

Bell TA, et al. (2024) Prominin 1 and Tweety Homology 1 both induce extracellular vesicle formation. *eLife*, 13.

Brown E, et al. (2024) Inhibitors of the small membrane (M) protein viroporin prevent Zika virus infection. *eLife*, 13.

Zatorski N, et al. (2024) Structural analysis of genomic and proteomic signatures reveal dynamic expression of intrinsically disordered regions in breast cancer. *iScience*, 27(9),

110640.

Bertuccini L, et al. (2024) Unveiling *Cryptosporidium parvum* sporozoite-derived extracellular vesicles: profiling, origin, and protein composition. *Frontiers in cellular and infection microbiology*, 14, 1367359.

Fang Y, et al. (2024) RNA viromes of *Dermacentor nuttalli* ticks reveal a novel uukuvirus in Qinghai Province, China. *Virologica Sinica*, 39(4), 537.

Cen L, et al. (2024) Efficacy of MAGE-A4 long peptide as a universal immunoprevention cancer vaccine. *Cancer cell international*, 24(1), 232.

Khichi S, et al. (2024) A Multi-epitope Subunit Vaccine Identification and Development Against Scrub Typhus (*Orientia tsutsugamushi*) Using Immunoinformatics Approaches. *Cureus*, 16(5), e61009.

Li Y, et al. (2024) Deleting an xylosidase-encoding gene *VdxyL3* increases growth and pathogenicity of *Verticillium dahlia*. *Frontiers in microbiology*, 15, 1428780.

Alexander LM, et al. (2024) Development of a *Limosilactobacillus reuteri* therapeutic delivery platform with reduced colonization potential. *Applied and environmental microbiology*, 90(11), e0031224.

Jiang X, et al. (2024) Cloning and Identification of Common Carp (*Cyprinus carpio*) PI3KC3 and Its Expression in Response to CyHV-3 Infection. *Current issues in molecular biology*, 46(10), 11714.

Saddique MAB, et al. (2024) Genome-wide computational analysis of the dirigent gene family in *Solanum lycopersicum*. *Proteome science*, 22(1), 10.

Yu L, et al. (2024) UGT708S6 from *Dendrobium catenatum*, catalyzes the formation of flavonoid C-glycosides. *BMC biotechnology*, 24(1), 94.