

Resource Summary Report

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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

Availability: Open source

Resource Name: TMHMM Server

Resource ID: SCR_014935

Record Creation Time: 20220129T080323+0000

Record Last Update: 20260806T054613+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

Usage and Citation Metrics

We found 1872 mentions in open access literature.

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

Zhu W, et al. (2026) Secreted Glycoside Hydrolase BcGH61 From *Botrytis cinerea* Induces Cell Death by the Apoplastic Location and Triggers Intracellular Immune Perception. *Molecular plant pathology*, 27(1), e70199.

Li Y, et al. (2025) Apyrase in horticultural crops: insights into growth, stress adaptation and quality regulation. *Molecular horticulture*, 5(1), 40.

Hu TB, et al. (2025) Analysis of salivary proteins in gall-inducing psylla and their potential influence on host plants. *BMC genomics*, 26(1), 786.

Cepinho GS, et al. (2025) Design of Hybrid Bioactive Peptides Derived From Cecropin and Cathepsin for Therapeutic Application. *Chemical biology & drug design*, 106(5), e70193.

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

Beig M, et al. (2025) Development of a multi-epitope vaccine against *Acinetobacter baumannii*: A comprehensive approach to combating antimicrobial resistance. *PLoS one*, 20(3), e0319191.

Zheng C, et al. (2025) Biological function identification of phage holin Hol-4086 and treatment of *Staphylococcus aureus* infection. *Frontiers in microbiology*, 16, 1499566.

Qi L, et al. (2025) An Insect Salivary Sheath Protein Triggers Plant Resistance to Insects and Pathogens as a Conserved HAMP. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(21), e2415474.

Zhang SY, et al. (2025) The clarification of two hydroxylation steps in the conversion of cholesterol to OSW-1 in *Ornithogalum saundersiae*. *Plant biotechnology journal*, 23(9), 4030.

Qi L, et al. (2025) Planthopper protein Nlsp5 is essential for salivary sheath formation and acts as a HAMP inducing plant resistance to insects. *Plant biotechnology journal*, 23(9), 4076.

Xie Z, et al. (2025) Exploration of the potential neurotransmitter or neuromodulator-like properties of harmine: evidence from synthesis to synaptic modulation. *Frontiers in pharmacology*, 16, 1588105.

Liu S, et al. (2025) A novel key virulence factor, FoSSP71, inhibits plant immunity and promotes pathogenesis in *Fusarium oxysporum* f. sp. *cubense*. *Microbiology spectrum*, 13(5), e0294024.

Yang S, et al. (2025) A witches' broom phytoplasma effector induces stunting by stabilizing a bHLH transcription factor in *Ziziphus jujuba* plants. *The New phytologist*, 247(1), 249.

Tariq TB, et al. (2025) Molecular modelling and gene expression analysis to probe the GT-? trihelix transcription factors in *Solanum tuberosum* under drought stress. *Scientific reports*, 15(1), 12471.

Zhang Y, et al. (2025) Cellulose synthase TaCESA7 negatively regulates wheat resistance to stripe rust by reducing cell wall lignification. *Stress biology*, 5(1), 42.

Sun P, et al. (2025) The Regulatory Mechanisms of *Treponema pallidum* Enolase on Macrophages: From Enzymatic Activity to Signal Transduction. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 39(13), e70801.

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).

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

Müller B, et al. (2025) The cis-prenyltransferase protein family in *Taraxacum koksaghyz*. *The Plant journal : for cell and molecular biology*, 121(3), e17233.

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.