

Resource Summary Report

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TargetP

RRID:SCR_019022

Type: Tool

Proper Citation

TargetP (RRID:SCR_019022)

Resource Information

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

Proper Citation: TargetP (RRID:SCR_019022)

Description: Web server predicts presence of N-terminal presequences: signal peptide (SP), mitochondrial transit peptide (mTP), chloroplast transit peptide (cTP) or thylakoid luminal transit peptide (luTP). Predicts potential cleavage site for sequences predicted to contain N-terminal presequence.

Synonyms: TargetP-2.0 Server

Resource Type: web service, software resource, service resource, analysis service resource, production service resource, data access protocol

Keywords: N-terminal sequence prediction, presequence, signal peptide, mitochondrial transit peptide,

Funding:

Availability: Free, Freely available

Resource Name: TargetP

Resource ID: SCR_019022

Record Creation Time: 20220129T080343+0000

Record Last Update: 20250430T060223+0000

Ratings and Alerts

No rating or validation information has been found for TargetP.

No alerts have been found for TargetP.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 198 mentions in open access literature.

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

Mikitova V, et al. (2025) Complex transcription regulation of acidic chitinase suggests fine-tuning of digestive processes in *Drosera binata*. *Planta*, 261(2), 32.

Milferstaedt SWL, et al. (2025) Differential GTP-dependent in-vitro polymerization of recombinant *Physcomitrella* FtsZ proteins. *Scientific reports*, 15(1), 3095.

Pan C, et al. (2024) Proteomic Analysis of Salivary Secretions from the Tea Green Leafhopper, *Empoasca flavescens* Fabrecius. *Insects*, 15(4).

Ferreira MM, et al. (2024) TcSERPIN, an inhibitor that interacts with cocoa defense proteins and has biotechnological potential against human pathogens. *Frontiers in plant science*, 15, 1337750.

Park S, et al. (2024) Dynamic changes in the plastid and mitochondrial genomes of the angiosperm *Corydalis pauciovulata* (Papaveraceae). *BMC plant biology*, 24(1), 303.

Shrivastava D, et al. (2024) ATM1, an essential conserved transporter in Apicomplexa, bridges mitochondrial and cytosolic [Fe-S] biogenesis. *PLoS pathogens*, 20(9), e1012593.

Euceda-Padilla EA, et al. (2024) *Trichomonas vaginalis* Legumain-2, TvLEGU-2, Is an Immunogenic Cysteine Peptidase Expressed during Trichomonal Infection. *Pathogens (Basel, Switzerland)*, 13(2).

Su XY, et al. (2024) Annexin gene family in *Spirometra mansonii* (Cestoda: Diphylobothriidae) and its phylogenetic pattern among Platyhelminthes of medical interest. *Parasite (Paris, France)*, 31, 32.

Lim S, et al. (2024) Tardigrade secretory proteins protect biological structures from desiccation. *Communications biology*, 7(1), 633.

Yang H, et al. (2024) Homologous Delta-12 Fatty Acid Desaturase (FAD2) Genes Affect Gene Expression and Linoleic Acid Levels in *Lentinula edodes* under Heat Stress. *Journal of fungi* (Basel, Switzerland), 10(7).

Jesús-Pires C, et al. (2024) Genome-Wide Identification and Stress Responses of Cowpea Thaumatin-like Proteins: A Comprehensive Analysis. *Plants* (Basel, Switzerland), 13(22).

Wang J, et al. (2024) NOTCH1 mitochondria localization during heart development promotes mitochondrial metabolism and the endothelial-to-mesenchymal transition in mice. *Nature communications*, 15(1), 9945.

Sun Y, et al. (2024) The Rice YL4 Gene Encoding a Ribosome Maturation Domain Protein Is Essential for Chloroplast Development. *Biology*, 13(8).

Ang'ang'o LM, et al. (2024) Bioinformatics analysis of the *Microsporidia* sp. MB genome: a malaria transmission-blocking symbiont of the *Anopheles arabiensis* mosquito. *BMC genomics*, 25(1), 1132.

Hernández ML, et al. (2023) Functional Characterization of Four Olive Squalene Synthases with Respect to the Squalene Content of the Virgin Olive Oil. *Journal of agricultural and food chemistry*, 71(42), 15701.

Jiao F, et al. (2023) Genome-Wide Characterization of Soybean Hexokinase Genes Reveals a Positive Role of GmHXK15 in Alkali Stress Response. *Plants* (Basel, Switzerland), 12(17).

Quijano-Barraza JM, et al. (2023) Evolution and functional role prediction of the CYP6DE and CYP6DJ subfamilies in *Dendroctonus* (Curculionidae: Scolytinae) bark beetles. *Frontiers in molecular biosciences*, 10, 1274838.

Macharia TN, et al. (2023) In silico secretome analyses of the polyphagous root-knot nematode *Meloidogyne javanica*: a resource for studying *M. javanica* secreted proteins. *BMC genomics*, 24(1), 296.

Yao H, et al. (2023) Interaction Network Construction and Functional Analysis of the Plasma Membrane H⁺-ATPase in *Bangia fuscopurpurea* (Rhodophyta). *International journal of molecular sciences*, 24(8).

Shi Y, et al. (2023) Phytohormones regulate the non-redundant response of Δ -3 fatty acid desaturases to low temperatures in *Chorispora bungeana*. *Scientific reports*, 13(1), 2799.