

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 28, 2026

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

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

Availability: Free, Freely available

Resource Name: TargetP

Resource ID: SCR_019022

Record Creation Time: 20220129T080343+0000

Record Last Update: 20260728T043553+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

Usage and Citation Metrics

We found 208 mentions in open access literature.

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

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

Jiao J, et al. (2025) Genome-wide characterization of effector proteins in *Fusarium zanthoxyli* and their effects on plant's innate immunity responses. *BMC plant biology*, 25(1), 298.

Guo J, et al. (2025) Molecular identification of a thioredoxin peroxidase in *Babesia gibsoni* with potential against oxidative stress. *Parasitology research*, 124(3), 28.

De Coninck T, et al. (2025) OsAPSE modulates non-covalent interactions between arabinogalactan protein O-glycans and pectin in rice cell walls. *Frontiers in plant science*, 16, 1588802.

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

Teshima T, et al. (2025) Branched-chain amino acid catabolism initiates volatile synthesis in *Gentiana triflora*. *Planta*, 262(3), 62.

Zhu Z, et al. (2025) Principles of cotranslational mitochondrial protein import. *Cell*.

Liu X, et al. (2025) A Dual-localized Fructose Bisphosphate Aldolase is Essential for Chloroplast Development and Carbon Metabolism in Rice. *Rice (New York, N.Y.)*, 18(1), 28.

Kumar V, et al. (2025) Deciphering the role of monoacylglycerol lipases (MAGL) under abiotic stress and lipid metabolism in soybean (*Glycine max* L.). *Plant biotechnology journal*, 23(10), 4318.

Narv??ez I, et al. (2025) Molecular characterization of homogentisate phytyltransferase and methylphytylbenzoquinol methyltransferase genes from olive fruit with regard to the tocopherol content and the response to abiotic stresses. *Frontiers in plant science*, 16, 1526815.

Asadi S, et al. (2025) Exploring effector candidates in *Rhynchosporium commune*: insights into their expression dynamics during barley infection. *Scientific reports*, 15(1), 17667.

Terpis KX, et al. (2025) Multiple plastid losses within photosynthetic stramenopiles revealed by comprehensive phylogenomics. *Current biology : CB*, 35(3), 483.

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.

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

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.

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).

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).

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

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.