

Resource Summary Report

Generated by ASWG on Aug 2, 2026

ScanProsite

RRID:SCR_024425

Type: Tool

Proper Citation

ScanProsite (RRID:SCR_024425)

Resource Information

URL: <https://prosite.expasy.org/scanprosite/>

Proper Citation: ScanProsite (RRID:SCR_024425)

Description: Web tool for detecting PROSITE signature matches in protein sequences.

Abbreviations: PMID:16845026

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

Keywords: detecting PROSITE signature matches, protein sequences,

Funding: Swiss National Science Foundation ;
Swiss Federal Government

Availability: Free, Freely available

Resource Name: ScanProsite

Resource ID: SCR_024425

Alternate URLs: <https://www.expasy.org/resources/scanprosite>

Record Creation Time: 20230913T050234+0000

Record Last Update: 20260801T190827+0000

Ratings and Alerts

No rating or validation information has been found for ScanProsite.

No alerts have been found for ScanProsite.

Data and Source Information

Usage and Citation Metrics

We found 44 mentions in open access literature.

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

Vidal-Montiel A, et al. (2025) The GPI-Anchored Aspartyl Proteases Encoded by the YPS1 and YPS7 Genes of *Candidozyma auris* and Their Role Under Stress Conditions. *Journal of fungi* (Basel, Switzerland), 11(8).

Kesawat MS, et al. (2025) Genome-wide identification and expression analysis of the Small Ubiquitin-like Modifier (SUMO) gene family in *Triticum aestivum* L. *BMC genomics*, 26(1), 1098.

Naz S, et al. (2025) Regulation of Milk Production by the MAPK/ERK Pathway in Water Buffalo (*Bubalus bubalis*): Genomic and Molecular Insights. *Veterinary medicine and science*, 11(6), e70703.

Semunyana M, et al. (2025) Functional Analysis of KPvRxLR27, a Novel *Plasmopara viticola* Effector from a Korean Isolate, and Its Role in Hypersensitive Response. *The plant pathology journal*, 41(1), 28.

Abd El-Ghany MN, et al. (2025) Characterization of novel cold-active chitin deacetylase for green production of bioactive chitosan. *AMB Express*, 15(1), 5.

Eggebo MS, et al. (2025) TCR-engineered T cells targeting a shared β -catenin mutation eradicate solid tumors. *Nature immunology*.

Ma K, et al. (2025) An Engineered Soluble Single-Chain TCR Engager for KRAS-G12V Specific Tumor Immunotherapy. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(31), e00181.

Yang JR, et al. (2025) The diguanylate cyclase and phosphodiesterase locally regulate the virulence factors in *Vibrio vulnificus*. *Gut pathogens*, 17(1), 87.

Chen Y, et al. (2025) The Mitochondrial Hsp90 Homolog PmTRAP1 Mediates Thermal Tolerance in the Papaya Mealybug, *Paracoccus marginatus*. *Insects*, 16(10).

Li R, et al. (2025) AoMbp1 Governs Conidiation and Trap Morphogenesis in *Arthrobotrys oligospora* Via Direct Transcriptional Activation of the MAPK Sensor AoSho1. *Journal of fungi* (Basel, Switzerland), 11(10).

Mohanta KM, et al. (2025) Meltome Atlas of *Arabidopsis thaliana* proteome: a melting temperature-based identification of heat and cold resistant proteins using in-silico approach. *BMC genomics*, 26(1), 1082.

Shettar SS, et al. (2025) Comprehensive biochemical, molecular and structural characterization of subtilisin with fibrinolytic potential in bioprocessing. *Bioresources and bioprocessing*, 12(1), 21.

Zolkiewicz K, et al. (2025) Mutations of the brassinosteroid biosynthesis gene HvDWARF5 enable balance between semi-dwarfism and maintenance of grain size in barley. *Physiologia plantarum*, 177(2), e70179.

Chen YH, et al. (2025) Krüppel homolog 1, a juvenile hormone transcription factor, regulates the reproduction and development of *Aedes albopictus*(Skuse) (Diptera: Culicidae). *Parasitology research*, 124(3), 36.

Chen WW, et al. (2025) PEX39 facilitates the peroxisomal import of PTS2-containing proteins. *Nature cell biology*, 27(8), 1256.

Zhou Q, et al. (2025) Structural basis of phosphorylation-independent nuclear import of CIRBP by TNPO3. *Nature communications*, 16(1), 4456.

Saroha A, et al. (2025) Characterization of trehalose-6-phosphate synthase gene family in linseed (*Linum usitatissimum* L.) and its potential implications in flowering time regulation. *BMC plant biology*, 25(1), 1581.

Jaturapaktrarak C, et al. (2025) Immunoproteomic approach identifies a putative virulence chaperone DnaK protein as a candidate diagnostic marker and therapeutic target for *Pythium insidiosum* infection. *Heliyon*, 11(4), e42487.

Saumweber E, et al. (2024) Prdm15 acts upstream of Wnt4 signaling in anterior neural development of *Xenopus laevis*. *Frontiers in cell and developmental biology*, 12, 1316048.

Balhara R, et al. (2024) MYB transcription factors, their regulation and interactions with non-coding RNAs during drought stress in *Brassica juncea*. *BMC plant biology*, 24(1), 999.