

Resource Summary Report

Generated by [NIF](#) on Sep 3, 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: data access protocol, software resource, 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: 20260829T182828+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 106 mentions in open access literature.

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

Gitman IFB, et al. (2026) OmicIntegrator: A Simple and Versatile Tool for Meta-Analysis. *Plants* (Basel, Switzerland), 15(2).

Zhou T, et al. (2026) NRXN3 regulates pyroptosis in intrahepatic cholangiocarcinoma via mediating the phospho-dependent ubiquitination and degradation of caspase-3. *Journal of advanced research*, 80, 655.

Kesawat MS, et al. (2026) Genome-wide survey and expression analysis of peptides containing tyrosine sulfation (PSY) gene family in *Cicer arietinum* L. *BMC genomics*, 27(1).

Thiyagarajan K, et al. (2026) Computational Predictions and Evolutionary Analysis of LrK10 Kinase-Related Putative PSTOL1 Gene Homeologs in Wheat and Orthologs of Its Wild Relatives. *International journal of molecular sciences*, 27(10).

Jackson M, et al. (2026) Exploring the lipoproteome of *Parageobacillus thermoglucosidasius*. *Access microbiology*, 8(4).

Kesawat MS, et al. (2026) Genome-wide analysis of the pleiotropic drug resistance (PDR) gene family and putative PDR specific miRNAs: deciphering their functions in development processes and varied stresses in *Triticum aestivum* L. *BMC genomics*, 27(1), 108.

Li P, et al. (2026) Secreted proteins from *Bacillus subtilis* K1 induce apple resistance against gray mold. *Frontiers in plant science*, 17, 1825616.

Watanabe A, et al. (2026) Ion transport peptide regulates larval body water balance via a receptor guanylyl cyclase in *Drosophila*. *iScience*, 29(6), 116252.

Ferrari M, et al. (2026) Adaptive Plasticity of Phytochelatase Synthase Under Chromium Stress and Sulfur Availability in *Scenedesmus acutus*. *Plants* (Basel, Switzerland), 15(3).

Blancfuney C, et al. (2026) Critical role of P-Glycoprotein-9 in ivermectin tolerance in nematodes. *PLoS pathogens*, 22(3), e1013355.

Rongchuan X, et al. (2026) Identification and bioinformatics analysis of a novel member of the lumbrokinase gene family in earthworms. *Frontiers in bioinformatics*, 6, 1736746.

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.

Zeng F, et al. (2025) Genome and transcriptome analysis of Chinese wheat powdery mildew isolate 21-2 for discovery of important virulence determinants. *Current research in microbial sciences*, 9, 100437.

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

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

Vig I, et al. (2025) The BUD31 Homologous Gene in *Schizosaccharomyces pombe* Is Evolutionarily Conserved and Can Be Linked to Cellular Processes Regulated by the TOR Pathway. *Cells*, 14(21).

Saberi E, et al. (2025) Time-Course Gene Expression of 'Candidatus Liberibacter solanacearum', Prophage, and Wolbachia Genes in *Bactericera cockerelli* from Ingestion to in Planta Transmission. *Microorganisms*, 13(9).

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.

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).

Loder AK, et al. (2025) Profiling the TRPV4 ankyrin repeat domain interactome and its disruption by neuromuscular disease-causing mutations. *The Journal of biological chemistry*, 302(1), 110991.