

Resource Summary Report

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ProteinPlus

RRID:SCR_022178

Type: Tool

Proper Citation

ProteinPlus (RRID:SCR_022178)

Resource Information

URL: <https://proteins.plus>

Proper Citation: ProteinPlus (RRID:SCR_022178)

Description: Web portal for structure analysis of macromolecules.

Resource Type: data or information resource, portal

Defining Citation: [DOI:10.1093/nar/gkx333](https://doi.org/10.1093/nar/gkx333)

Keywords: macromolecules structure analysis, protein structures, structure analysis

Funding: German Federal Ministry of Education and Research

Availability: Free, Freely available

Resource Name: ProteinPlus

Resource ID: SCR_022178

Record Creation Time: 20220427T191217+0000

Record Last Update: 20260821T194213+0000

Ratings and Alerts

No rating or validation information has been found for ProteinPlus.

No alerts have been found for ProteinPlus.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 267 mentions in open access literature.

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

Li Z, et al. (2026) Structural and Mechanistic Characterization of Mycobacterium tuberculosis TrxR Inhibition by Glutathione-Coated Gold Nanocluster. International journal of molecular sciences, 27(3).

Huang FF, et al. (2026) Preparation, identification and molecular characterization of umami peptides from skipjack tuna meat: Insights from sensory evaluation and molecular dynamics simulations. Food chemistry: X, 34, 103595.

Husamadin PA, et al. (2026) An integrated in vitro and in silico approach to assess the potential inhibitory actions of auxins on human placental glutathione S-transferase P1-1. Naunyn-Schmiedeberg's archives of pharmacology, 399(8), 11389.

Tan P, et al. (2026) Aloperine alleviates LPS-induced inflammation in bovine intestinal epithelial cells through autophagy and TLR4/p38 MAPK/NF- κ B pathway. BMC veterinary research, 22(1).

Fan Z, et al. (2026) Glutamine Synthetase 1 Functions in Spermatogenesis in the Silkworm, Bombyx mori. Insects, 17(2).

Zhou J, et al. (2026) Identification and Analysis of Remimazolam's Potential Therapeutic Mechanisms in Murine Sepsis-Associated Encephalopathy via Transcriptomic Analysis. Journal of inflammation research, 19, 562264.

Ke H, et al. (2026) Multi-omics mendelian randomization integrating GWAS and eQTL data revealed potential drug target for irritable bowel syndrome. Frontiers in genetics, 17, 1798264.

Seyedshazileh S, et al. (2026) Natural Monoterpene Stylosin Induced Anticancer Effects on Human Colon Carcinoma Cells. Pharmacology research & perspectives, 14(3), e70287.

Kim SJ, et al. (2026) Bilirubin reduces mortality in sepsis models by inhibiting NOX2-mediated formation of neutrophil extracellular traps. Redox report : communications in free radical research, 31(1), 2664962.

Hou Z, et al. (2026) Multiple novel membrane proteins involve phthalate ester degradation in Rhodococcus sp. AH-ZY2. Applied and environmental microbiology, 92(5), e0252625.

Trigueiro-Louro J, et al. (2026) Dengue Virus NS5 Target Discovery: A Comprehensive in Silico Exploration of Novel Druggable Sites for Pan-Serotype Antiviral Design. International journal of molecular sciences, 27(12).

Xu A, et al. (2026) SPG7-Mediated Regulation of mPTP and Mitochondrial Flickering in COPD: A Bioinformatics-Based Prediction of Mechanistic Framework. International journal of chronic obstructive pulmonary disease, 21, 597903.

Jenni R, et al. (2026) Novel genetic variants identification and immune profiling in ataxia telangiectasia patients. *Journal of translational medicine*, 24(1).

Gao R, et al. (2026) Computational rational design of unspecific peroxygenase for C-H oxidation. *Science advances*, 12(5), eaeb6329.

Mo J, et al. (2026) Virtual and CMC-Based Screening Identified Reticuline, an Intermediate of BIA Biosynthesis, as a Potential Agonist of D5R. *Molecules (Basel, Switzerland)*, 31(8).

Meng F, et al. (2026) Structural, Evolutionary, and Regulatory Divergence of FAH12 from FAD2 Reveals Recurrent Independent Neofunctionalization Underlying Ricinoleic Acid Biosynthesis in *Ricinus communis*. *Plants (Basel, Switzerland)*, 15(10).

Xing L, et al. (2026) Evolutionary Characteristics and Expression Patterns of the UGT Gene Family in *Epimedium* from Gansu, China. *Current issues in molecular biology*, 48(4).

Mushlih M, et al. (2026) Inhibitory Effect of *Curcuma xanthorrhiza* Extract Against SARS-CoV-2 D614G Virus-Like Particle (VLP): Implications for COVID-19 Therapy Development. *TheScientificWorldJournal*, 2026, 8681808.

He W, et al. (2026) Specialized aldo-keto reductases trigger complete degradation of mycotoxin deoxynivalenol. *Nature communications*, 17(1).

Santos LA, et al. (2026) The RNA-Binding Domain NS1 of Influenza as an Antiviral Target: From Evolutionary Conservation Mapping to Experimental Validation. *Viruses*, 18(3).