Resource Summary Report

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UniProt

RRID:SCR_002380
Type: Tool

Proper Citation

UniProt (RRID:SCR_002380)

Resource Information

URL: http://www.uniprot.org/

Proper Citation: UniProt (RRID:SCR_002380)

Description: Collection of data of protein sequence and functional information. Resource for protein sequence and annotation data. Consortium for preservation of the UniProt databases: UniProt Knowledgebase (UniProtKB), UniProt Reference Clusters (UniRef), and UniProt Archive (UniParc), UniProt Proteomes. Collaboration between European Bioinformatics Institute (EMBL-EBI), SIB Swiss Institute of Bioinformatics and Protein Information Resource. Swiss-Prot is a curated subset of UniProtKB.

Abbreviations: UniProt

Synonyms: , The Universal Protein Resource, Universal Protein Resource, UNIPROT Universal Protein Resource

Resource Type: database, data or information resource

Defining Citation: PMID:19843607, PMID:18836194, PMID:18045787, PMID:17142230, PMID:16381842, PMID:15608167, PMID:14681372

Keywords: collection, protein, sequence, annotation, data, functional, information

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NEI ;
NHLBI ;
NIA ;
NIAID ;
NIDDK ;
NIMH ;
NCI ;
EMBL ;
PDUK ;
ARUK ;
NHGRI U24 HG007722

Availability: Free, Freely available

Resource Name: UniProt

Resource ID: SCR_002380

Alternate IDs: nif-0000-00377, SCR_018750

Alternate URLs: http://www.ebi.uniprot.org, http://www.uniprot.org/uniprot/, http://www.pir.uniprot.org, ftp://ftp.uniprot.org

Record Creation Time: 20220129T080213+0000

Record Last Update: 20250428T052939+0000

Ratings and Alerts

No rating or validation information has been found for UniProt.

No alerts have been found for UniProt.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 15970 mentions in open access literature.

Listed below are recent publications. The full list is available at ASWG.

Hwang J, et al. (2025) Structurally Oriented Classification of FOXA1 Alterations Identifies

Prostate Cancers with Opposing Clinical Outcomes and Distinct Molecular and Immunologic Subtypes. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(5), 936.

García-Hernández S, et al. (2025) Functional and Structural Analysis Reveals Distinct Biological Roles of Plant Synaptotagmins in Response to Environmental Stress. Plant, cell & environment, 48(1), 260.

de Ávila RI, et al. (2025) In vitro characterisation of a novel rubber contact allergen in protective gloves. Contact dermatitis, 92(1), 61.

Ranaweera KKTN, et al. (2025) In silico docking and molecular dynamics for the discovery of inhibitors of enteric methane production in ruminants - A review. Animal bioscience, 38(1), 1.

Grubb LE, et al. (2025) Quantitative Proteomic Analysis of Brassica Napus Reveals Intersections Between Nutrient Deficiency Responses. Plant, cell & environment, 48(2), 1409.

Zhang L, et al. (2025) The Therapeutic Mechanisms of Huayu Quban Capsule in Treating Acne Vulgaris Are Uncovered Through Network Pharmacology and Molecular Docking. Journal of cosmetic dermatology, 24(1), e16632.

Park M, et al. (2025) Rational Design of Biocompatible Ir(III) Photosensitizer to Overcome Drug-Resistant Cancer via Oxidative Autophagy Inhibition. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(2), e2407236.

Bernaleau L, et al. (2025) CCDC134 controls TLR biogenesis through the ER chaperone Gp96. The Journal of experimental medicine, 222(3).

Scherer N, et al. (2025) Coupling metabolomics and exome sequencing reveals graded effects of rare damaging heterozygous variants on gene function and human traits. Nature genetics, 57(1), 193.

Marcassa G, et al. (2025) Synaptic signatures and disease vulnerabilities of layer 5 pyramidal neurons. Nature communications, 16(1), 228.

McGinnis CD, et al. (2025) Acetylation of proximal cysteine-lysine pairs by alcohol metabolism. Redox biology, 79, 103462.

Yan K, et al. (2025) Using network pharmacology and molecular docking technology, proteomics and experiments were used to verify the effect of Yigu decoction (YGD) on the expression of key genes in osteoporotic mice. Annals of medicine, 57(1), 2449225.

Chu H, et al. (2025) PNMA1 is a novel immune modulator and therapeutic target in hepatocellular carcinoma linked to bile acid metabolism. Scientific reports, 15(1), 738.

Alayoubi AM, et al. (2025) Zellweger syndrome; identification of mutations in PEX19 and PEX26 gene in Saudi families. Annals of medicine, 57(1), 2447400.

Generoso WC, et al. (2025) Coordinated conformational changes in P450 decarboxylases enable hydrocarbons production from renewable feedstocks. Nature communications, 16(1), 945.

Yang W, et al. (2025) A metric and its derived protein network for evaluation of ortholog database inconsistency. BMC bioinformatics, 26(1), 6.

Ali AEE, et al. (2025) Proteomic dataset of sorghum leaf and root responses to single and combined drought and heat stress. Scientific data, 12(1), 97.

Zheng Y, et al. (2025) Lymphatic platelet thrombosis limits bone repair by precluding lymphatic transporting DAMPs. Nature communications, 16(1), 829.

Marchand V, et al. (2025) Monocytes generated by interleukin-6-treated human hematopoietic stem and progenitor cells secrete calprotectin that inhibits erythropoiesis. iScience, 28(1), 111522.

Zhao ZY, et al. (2025) Protein nanoparticles as potent delivery vehicles for polycytosine RNA-binding protein one. World journal of diabetes, 16(1), 100675.