Resource Summary Report

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ExPASy Bioinformatics Resource Portal

RRID:SCR_012880
Type: Tool

Proper Citation

ExPASy Bioinformatics Resource Portal (RRID:SCR_012880)

Resource Information

URL: http://expasy.org/

Proper Citation: ExPASy Bioinformatics Resource Portal (RRID:SCR_012880)

Description: Portal which provides access to scientific databases and software tools (i.e., resources) in different areas of life sciences including proteomics, genomics, phylogeny, systems biology, population genetics, transcriptomics etc. It contains resources from many different SIB groups as well as external institutions.

Abbreviations: ExPASy

Synonyms: Bioinformatics Resource Portal, SIB Bioinformatics Resource Portal, Expert Protein Analysis System

Resource Type: data or information resource, portal

Defining Citation: PMID:22661580, PMID:12824418, PMID:8073505

Keywords: proteomics, genomics, structural bioinformatics, systems biology, phylogeny, evolution, population genetics, transcriptomics, biophysics, imaging, it infrastructure, drug design, protein, resource, portal

Funding: Swiss State Secretariat for Education and Research

Availability: Free, Public

Resource Name: ExPASy Bioinformatics Resource Portal

Resource ID: SCR_012880

Alternate IDs: SCR_015894

License URLs: http://expasy.org/disclaimer.html

Record Creation Time: 20220129T080313+0000

Record Last Update: 20250411T055605+0000

Ratings and Alerts

No rating or validation information has been found for ExPASy Bioinformatics Resource Portal.

No alerts have been found for ExPASy Bioinformatics Resource Portal.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 6487 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Forsberg Z, et al. (2025) A modular enzyme with combined hemicellulose-removing and LPMO activity increases cellulose accessibility in softwood. The FEBS journal, 292(1), 75.

Lagunas-Rangel FA, et al. (2025) Giardia fibrillarin: a bioinformatics exploration of sequence and structure. Journal of applied genetics, 66(1), 241.

Kim H, et al. (2025) Mitochondrial targeting of Candida albicans SPFH proteins and requirement of stomatins for SDS-induced stress tolerance. Microbiology spectrum, 13(1), e0173324.

Smith JR, et al. (2025) Standardized pipelines support and facilitate integration of diverse datasets at the Rat Genome Database. Database : the journal of biological databases and curation, 2025.

Rozas-Serri M, et al. (2025) PRV-1b and PRV-3a infection is associated with the same clinical disease in coho salmon (Oncorhynchus kisutch) farmed in Chile: unraveling the pathogenesis of the orthoreoviral cardiomyopathy and hemolytic jaundice (OCHJ). Veterinary research, 56(1), 17.

Osozawa S, et al. (2025) Quaternary Radiation of Spring Ephemerals. Plant-environment interactions (Hoboken, N.J.), 6(1), e70021.

Ming R, et al. (2025) The GRAS transcription factor PtrPAT1 of Poncirus trifoliata functions in cold tolerance and modulates glycine betaine content by regulating the BADH-like gene. Horticulture research, 12(1), uhae296.

Yang XY, et al. (2025) The microenvironment cell index is a novel indicator for the prognosis and therapeutic regimen selection of cancers. Journal of translational medicine, 23(1), 61.

Tian Z, et al. (2025) Genome-wide identification and analysis of the NF-Y transcription factor family reveal its potential roles in tobacco (Nicotiana tabacum L.). Plant signaling & behavior, 20(1), 2451700.

Zafar S, et al. (2025) Molecular dynamics simulation based prediction of T-cell epitopes for the production of effector molecules for liver cancer immunotherapy. PloS one, 20(1), e0309049.

Liu C, et al. (2025) Decarboxylase mediated oxalic acid metabolism is important to antioxidation and detoxification rather than pathogenicity in Magnaporthe oryzae. Virulence, 16(1), 2444690.

Deka RK, et al. (2025) Biophysical and biochemical evidence for the role of acetate kinases (AckAs) in an acetogenic pathway in pathogenic spirochetes. PloS one, 20(1), e0312642.

Farid B, et al. (2025) Expression divergence of BAG gene family in maize under heat stress. BMC plant biology, 25(1), 16.

Zou Y, et al. (2025) ATG8 delipidation is not universally critical for autophagy in plants. Nature communications, 16(1), 403.

Santhoshi Y, et al. (2025) Comprehensive Analysis of the NHX Gene Family and Its Regulation Under Salt and Drought Stress in Quinoa (Chenopodium quinoa Willd.). Genes, 16(1).

Shao D, et al. (2025) The Functional Identification of the CYP2E1 Gene in the Kidney of Lepus yarkandensis. International journal of molecular sciences, 26(2).

Jiang X, et al. (2025) High Antennal Expression of CYP6K1 and CYP4V2 Participate in the Recognition of Alarm Pheromones by Solenopsis invicta Buren. Insects, 16(1).

Osten V, et al. (2025) The C-terminal ?-helix is crucial for the activity of the bacterial ABC transporter BmrA. The Journal of biological chemistry, 301(2), 108098.

Flottes Y, et al. (2025) Proteomic Analysis of Fibroblasts Exposed to Resin Composite Release. Proteomics. Clinical applications, 19(1), e202400049.

Elhinnawi MA, et al. (2025) GPNMB is a novel binding partner of FGFR1 that affects tumorigenic potential through AKT phosphorylation in TNBC. Cancer science, 116(2), 432.