

Resource Summary Report

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UniprotR

RRID:SCR_023483

Type: Tool

Proper Citation

UniprotR (RRID:SCR_023483)

Resource Information

URL: <https://github.com/Proteomicslab57357/UniprotR>

Proper Citation: UniprotR (RRID:SCR_023483)

Description: Software R package to retrieve, cluster and visualize protein data from UniProt knowledgebase. Used to process, parse and illustrate proteomics data to summarize all required protein information in readable data frame, Excel CSV file, and/or graphical output. Generates set of graphics including gene ontology, chromosomal location, protein scoring and status, protein networking, sequence phylogenetic tree, and physicochemical properties. Supports clustering of proteins based on primary gene name or chromosomal location, facilitating additional downstream analysis.

Resource Type: software toolkit, software resource

Defining Citation: [PMID:31843688](#)

Keywords: retrieve protein data, cluster protein data, visualize protein data, readable data frame, Excel CSV file,

Funding: Egyptian Cancer Network ;
Children Cancer Hospital Egypt

Availability: Free, Available for download, Freely available

Resource Name: UniprotR

Resource ID: SCR_023483

License: GPL v3

Record Creation Time: 20230421T050214+0000

Record Last Update: 20250426T060937+0000

Ratings and Alerts

No rating or validation information has been found for UniprotR.

No alerts have been found for UniprotR.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Matsumoto R, et al. (2024) AP-1B regulates interactions of epithelial cells and intraepithelial lymphocytes in the intestine. Cellular and molecular life sciences : CMLS, 81(1), 425.

Pan ZF, et al. (2024) Protocol for analysis of plasma proteomes from patients with hepatocellular carcinoma receiving combination therapy. STAR protocols, 5(4), 103308.

Røst LM, et al. (2023) PCNA regulates primary metabolism by scaffolding metabolic enzymes. Oncogene, 42(8), 613.

Martinez-Lozada Z, et al. (2023) Cooperative and competitive regulation of the astrocytic transcriptome by neurons and endothelial cells: Impact on astrocyte maturation. Journal of neurochemistry, 167(1), 52.