

Resource Summary Report

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Differential Enrichment analysis of Proteomics data

RRID:SCR_023090

Type: Tool

Proper Citation

Differential Enrichment analysis of Proteomics data (RRID:SCR_023090)

Resource Information

URL: <https://bioconductor.org/packages/DEP/>

Proper Citation: Differential Enrichment analysis of Proteomics data (RRID:SCR_023090)

Description: Software R package provides integrated analysis workflow for analysis of mass spectrometry proteomics data for differential protein expression or differential enrichment.

Abbreviations: DEP

Synonyms: Differential Enrichment analysis of Proteomics data

Resource Type: data processing software, data analysis software, software resource, software application

Defining Citation: [PMID:29446774](#)

Keywords: analysis of mass spectrometry proteomics data, differential protein expression, differential enrichment

Availability: Free, Available for download, Freely available

Resource Name: Differential Enrichment analysis of Proteomics data

Resource ID: SCR_023090

License: Artistic v2.0

Record Creation Time: 20221230T050203+0000

Record Last Update: 20260813T055258+0000

Ratings and Alerts

No rating or validation information has been found for Differential Enrichment analysis of Proteomics data.

No alerts have been found for Differential Enrichment analysis of Proteomics data.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Cebulla G, et al. (2025) Long-term CSF responses in adult patients with spinal muscular atrophy type 2 or 3 on treatment with nusinersen. *Journal of neurology*, 272(4), 270.

Cutler S, et al. (2025) Novel proteomic characterization of multiple myeloma bone marrow interstitial fluid links prognosis to coagulation pathways. *Clinical proteomics*, 22(1), 40.

Chua EW, et al. (2024) A concise guide to essential R packages for analyses of DNA, RNA, and proteins. *Molecules and cells*, 47(11), 100120.

Ross RB, et al. (2024) PPAR γ Agonism Enhances Immune Response to Radiotherapy While Dietary Oleic Acid Results in Counteraction. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 30(9), 1916.

Griffiths JA, et al. (2024) Peripheral neuronal activation shapes the microbiome and alters gut physiology. *Cell reports*, 43(4), 113953.

Ziff OJ, et al. (2023) Nucleocytoplasmic mRNA redistribution accompanies RNA binding protein mislocalization in ALS motor neurons and is restored by VCP ATPase inhibition. *Neuron*, 111(19), 3011.

Shi X, et al. (2023) MARCH7-mediated ubiquitination decreases the solubility of ATG14 to inhibit autophagy. *Cell reports*, 42(9), 113045.