

Resource Summary Report

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FunRich: Functional Enrichment analysis tool

RRID:SCR_014467

Type: Tool

Proper Citation

FunRich: Functional Enrichment analysis tool (RRID:SCR_014467)

Resource Information

URL: <http://www.funrich.org/>

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Description: A software tool used for functional enrichment and interaction network analysis of genes and proteins. Users can search against a default background database or load customized database. The results can be depicted as venn, bar, column, pie and doughnut charts.

Resource Type: data analytics software, software application, software resource, standalone software

Defining Citation: [PMID:25921073](#), [PMID:26149235](#)

Keywords: network analysis, background database, charts, data analytics software, standalone software, bio.tools, FASEB list

Availability: Public, Open Source

Resource Name: FunRich: Functional Enrichment analysis tool

Resource ID: SCR_014467

Alternate IDs: biotools:funrich

Alternate URLs: <https://bio.tools/funrich>

Record Creation Time: 20220129T080320+0000

Record Last Update: 20260919T195812+0000

Ratings and Alerts

No rating or validation information has been found for FunRich: Functional Enrichment analysis tool.

No alerts have been found for FunRich: Functional Enrichment analysis tool.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 431 mentions in open access literature.

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

Mishra S, et al. (2026) Decoding Genetic Risk Factors in Recurrent Pregnancy Loss: An Integrative Chromosomal and??Bioinformatics Approach. Biochemical genetics.

Pasbola K, et al. (2026) Transcriptome profiling reveals the role of XIST/miR-335-5p regulatory axis as a crucial mediator of chemoresistance in esophageal cancer by influencing EMT and Ferroptosis. Functional & integrative genomics, 26(1).

Trifunovic S, et al. (2026) Acute E-Cigarette Aerosol Condensate Exposure Disrupts the Transcriptome and Proteome Profiles of Human Bronchial Epithelial BEAS-2B Cells. Cells, 15(6).

Miranda P, et al. (2026) BioProEV: A Bioinformatics Pipeline for Biologically-Relevant Handling of Missing Values in the Analysis of Extracellular Vesicles by Mass Spectrometry. Journal of extracellular biology, 5(5), e70150.

Trivedi R, et al. (2026) Annexin A2-dependent extracellular vesicle proteome modulates pre-metastatic stromal fibroblast behavior in triple-negative breast cancer. Cell communication and signaling : CCS, 24(1).

Watkin RL, et al. (2026) Proteomics and Bioinformatics Profiles of Human Mesothelial Cell Line MeT-5A. Proteomes, 14(1).

Chen R, et al. (2026) Role of hsa-miR-122-5p in chronic thromboembolic pulmonary hypertension and chronic thromboembolic disease: Targeting PIK3CG in the PI3K/Akt signaling pathway. Medicine, 105(3), e47210.

Wu X, et al. (2026) Combination of serum TBL1XR1, MFAP5, and PSA as diagnostic biomarkers for prostate cancer. Clinics (Sao Paulo, Brazil), 81, 100868.

Feng S, et al. (2026) MicroRNA-15a-5p suppresses triple-negative breast cancer cell proliferation and invasion by modulating T-cell immunoreceptor associated with immunoglobulin and ITIM domain expression. CytoJournal, 23, 6.

Pastro L, et al. (2025) Endo180 and basement membrane stiffness induce OXPHOS and neoplastic transformation in aging prostate epithelia. npj aging, 11(1), 72.

Noguera-Navarro C, et al. (2025) Cardioprotective Peptides from Dry-Cured Ham in Primary Endothelial Cells and Human Plasma: An Omics Approach. *Antioxidants* (Basel, Switzerland), 14(7).

Wei D, et al. (2025) Integrating network pharmacology and transcriptomics to identify solasonine's anti-osteosarcoma targets and experimental validation. *Frontiers in oncology*, 15, 1614058.

Pang P, et al. (2025) Integrated analysis of the oncogenic value of CPNE3 in non-small cell lung cancer. *Discover oncology*, 16(1), 2176.

Kulig K, et al. (2025) Functional properties of *Candida albicans* extracellular vesicles released in the presence of the antifungal drugs amphotericin B, fluconazole and caspofungin. *Microbiology* (Reading, England), 171(6).

Grimaldi AM, et al. (2025) Circulating miR-10b-5p, miR-193a-3p, and miR-1-3p Are Dereglated in Patients with Heart Failure and Correlate with Hormonal Deficiencies. *International journal of molecular sciences*, 26(11).

Cagigas ML, et al. (2025) Short-Term Severe Energy Restriction Promotes Molecular Health and Reverses Aging Signatures in Adults With Prediabetes in the PREVIEW Study. *Aging cell*, 24(8), e70123.

Hou J, et al. (2025) CT-sensitized nanoprobe for effective early diagnosis and treatment of pulmonary fibrosis. *Journal of nanobiotechnology*, 23(1), 60.

Xu R, et al. (2025) miR-221/222-3p act as potential circulating factors in heart failure to stimulate cancer progression. *Frontiers in oncology*, 15, 1615422.

Bai M, et al. (2025) N6-Methyladenosine (m6A)-Circular RNA Pappalysin 1 (circPAPPA) from Cashmere Goats: Identification, Regulatory Network and Expression Potentially Regulated by Methylation in Secondary Hair Follicles Within the First Intron of Its Host Gene. *Animals : an open access journal from MDPI*, 15(4).

Cufaro MC, et al. (2025) FACS-Proteomics strategy toward extracellular vesicles single-phenotype characterization in biological fluids: exploring the role of leukocyte-derived EVs in multiple sclerosis. *Journal of translational medicine*, 23(1), 565.