

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/>

Proper Citation: FunRich: Functional Enrichment analysis tool (RRID:SCR_014467)

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: software resource, software application, standalone software, data analytics 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: 20260801T191056+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 338 mentions in open access literature.

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

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.

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

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).

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

Pawar K, et al. (2025) Downregulation of solute carrier family 4 members 4 as a biomarker for colorectal cancer. *Discover oncology*, 16(1), 229.

Lago-Baameiro N, et al. (2025) Intra and inter-organ communication through extracellular vesicles in obesity: functional role of obesosomes and steatosomes. *Journal of translational medicine*, 23(1), 207.

Mayyas A, et al. (2025) Deciphering the Anti-Diabetic Potential of *Gymnema Sylvestre* Using Integrated Computer-Aided Drug Design and Network Pharmacology. *Journal of cellular and molecular medicine*, 29(1), e70349.

Zhang Y, et al. (2025) Shared and Distinctive Inflammation-Related Protein Profiling in Idiopathic Inflammatory Myopathy with/without Anti-MDA5 Autoantibodies. *Journal of inflammation research*, 18, 6009.

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.

Nadeau A, et al. (2025) Characterization of extracellular vesicle-associated DNA and proteins derived from organotropic metastatic breast cancer cells. *Journal of experimental*

& clinical cancer research : CR, 44(1), 157.

Qian H, et al. (2025) Identification of RSAD2 as a Key Biomarker Linking Iron Metabolism and Dendritic Cell Activation in Systemic Lupus Erythematosus Through Bioinformatics and Experimental Validation. *Journal of inflammation research*, 18, 3859.

Hussain SFJ, et al. (2025) Molecular analysis of HPV16 and HPV18 oncogenes in oral squamous cell carcinoma: Structural, transcriptomic and in vitro insights. *Oncology letters*, 29(3), 115.

Yuan M, et al. (2025) The expression of autophagy-related gene CXCL12 in endometriosis associated ovarian cancer and pan-cancer analysis. *Frontiers in endocrinology*, 16, 1450892.

Hernandez I, et al. (2025) CAP1: a novel extracellular vesicle marker linked to endothelial senescence in atherosclerosis. *Biology direct*, 20(1), 46.

Pillay M, et al. (2025) Bioinformatic Characterization of Genes That Are Correlated to the Progression of Breast Cancer to Breast Cancer Brain Metastasis. *Cancer reports (Hoboken, N.J.)*, 8(10), e70360.

Gelsomino L, et al. (2025) Adipocyte-derived extracellular vesicles sustain mitochondrial metabolism in breast cancer cells: New insights into the cross-talk between cancer cells and the tumor microenvironment. *International journal of oncology*, 67(6).

Heidari R, et al. (2025) Identification of Novel lncRNAs Related to Colorectal Cancer Through Bioinformatics Analysis. *BioMed research international*, 2025, 5538575.

Kryczka J, et al. (2025) A preliminary bioinformatic screen to identify SRI SMC2 PSIP1 TLE4 and MSX1 as potential diagnostic and prognostic markers of osteoarthritis. *Scientific reports*, 15(1), 30583.

Lin Y, et al. (2025) Potential common mechanisms between primary Sjögren's syndrome and Hashimoto's thyroiditis: a public databases-based study. *Frontiers in genetics*, 16, 1520332.

Spinelli L, et al. (2025) PEGylation-Driven Remodeling of the Protein Corona on PLGA Nanoparticles: Implications for Macrophage Recognition. *Biomacromolecules*, 26(12), 8522.