

Resource Summary Report

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EnrichmentMap

RRID:SCR_016052

Type: Tool

Proper Citation

EnrichmentMap (RRID:SCR_016052)

Resource Information

URL: <http://baderlab.org/Software/EnrichmentMap>

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Description: Source code of a Cytoscape plugin for functional enrichment visualization. It organizes gene-sets, such as pathways and Gene Ontology terms, into a network to reveal which mutually overlapping gene-sets cluster together.

Resource Type: data processing software, source code, software resource, software application, data visualization software

Defining Citation: [PMID:21085593](#)

Keywords: cytoscape, functional, visualization, enrichment, gene, mapping, genome, pathway, network, cluster, bio.tools

Funding: NHGRI P41 HG04118;
Ontario Genomics Institute ;
Heart and Stroke Foundation of Canada ;
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Ontario Research Fund (ORF)

Resource Name: EnrichmentMap

Resource ID: SCR_016052

Alternate IDs: biotools:enrichmentmap

Alternate URLs: <https://github.com/BaderLab/EnrichmentMapApp>,
<https://bio.tools/enrichmentmap>

License: GNU LGPL

Record Creation Time: 20220129T080328+0000

Ratings and Alerts

No rating or validation information has been found for EnrichmentMap.

No alerts have been found for EnrichmentMap.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 545 mentions in open access literature.

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

Daniel MM, et al. (2026) Integrative Bioinformatics Reveals Novel Molecular Mechanisms and Therapeutic Targets in Acute Myeloid Leukaemia. *Journal of cellular and molecular medicine*, 30(1), e71007.

Chung DC, et al. (2025) CD103+CD56+ ILCs Are Associated with an Altered CD8+ T-cell Profile within the Tumor Microenvironment. *Cancer immunology research*, 13(4), 527.

Hu D, et al. (2025) CDC40 suppression induces CDCA5 splicing defects and anti-proliferative effects in lung cancer cells. *Scientific reports*, 15(1), 315.

Ruiz-Fresneda MA, et al. (2025) Identification of a multi-modal mechanism for Se(VI) reduction and Se(0) allotropic transition by *Stenotrophomonas bentonitica*. *Environmental science and pollution research international*, 32(28), 16845.

Boyko AV, et al. (2025) Some molecular aspects of larval development in *Paralithodes camtschaticus*. *PloS one*, 20(4), e0322234.

Culbert BM, et al. (2025) Effects of environmental salinity on global and endocrine-specific transcriptomic profiles in the caudal neurosecretory system of salmonid fishes. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 39(6), e70477.

Škandík M, et al. (2025) Age-associated microglial transcriptome leads to diminished immunogenicity and dysregulation of MCT4 and P2RY12/P2RY13 related functions. *Cell death discovery*, 11(1), 16.

Nissen P, et al. (2025) Proteomic Landscape of Colorectal Cancer Derived Liver Metastasis Reveals Three Distinct Phenotypes With Specific Signaling and Enhanced Survival. *Molecular & cellular proteomics : MCP*, 24(8), 101026.

Zhang H, et al. (2025) De novo pyrimidine biosynthesis inhibition synergizes with BCL-XL targeting in pancreatic cancer. *Nature communications*, 16(1), 6987.

Girault V, et al. (2025) Multi-proteomic profiling of the varicella-zoster virus-host interface reveals host susceptibilities to severe infection. *Nature microbiology*, 10(8), 2048.

Zhang T, et al. (2025) A positive feedback loop between TNS1 and ZEB1 promotes TGF β -induced epithelial-to-mesenchymal transition in lung cancer. *Communications biology*, 8(1), 1686.

Li L, et al. (2025) A primordial germ cell-like-cell platform enables CRISPRi screen for epigenetic fertility modifiers. *EMBO reports*, 26(23), 6044.

Khan W, et al. (2025) Identification of differentially expressed non-coding RNAs in the plasma of women with preterm birth. *RNA biology*, 22(1), 1.

Morey-Yagi SR, et al. (2025) Expression of spider silk protein in tobacco improves drought tolerance with minimal effects on its mechanotype. *The Plant journal : for cell and molecular biology*, 121(2), e17213.

Guo J, et al. (2025) Lithospermic acid targeting heat shock protein 90 attenuates LPS-induced inflammatory response via NF- κ B signalling pathway in BV2 microglial cells. *Immunologic research*, 73(1), 54.

Smit DJ, et al. (2025) Targeting the AKT/mTOR pathway attenuates the metastatic potential of colorectal carcinoma circulating tumor cells in a murine xenotransplantation model. *Molecular oncology*.

Yang S, et al. (2025) Hypoxia-associated genes as predictors of outcomes in gastric cancer: a genomic approach. *Frontiers in immunology*, 16, 1553477.

McHugo GP, et al. (2025) Functional genomics of trypanotolerant and trypanosusceptible cattle infected with *Trypanosoma congolense* across multiple time points and tissues. *PLoS neglected tropical diseases*, 19(8), e0012882.

Tran TTV, et al. (2025) Endothelial PRMT7 prevents dysfunction, promotes revascularization and enhances cardiac recovery post-myocardial infarction. *Experimental & molecular medicine*, 57(8), 1759.

Tomin T, et al. (2025) Increased antioxidative defense and reduced advanced glycation end-product formation by metabolic adaptation in non-small-cell-lung-cancer patients. *Nature communications*, 16(1), 5157.