

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 15, 2025

FunCluster

RRID:SCR_005774

Type: Tool

Proper Citation

FunCluster (RRID:SCR_005774)

Resource Information

URL: <http://corneliu.henegar.info/FunCluster.htm>

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Description: FunCluster is a genomic data analysis algorithm which performs functional analysis of gene expression data obtained from cDNA microarray experiments. Besides automated functional annotation of gene expression data, FunCluster functional analysis aims to detect co-regulated biological processes through a specially designed clustering procedure involving biological annotations and gene expression data. FunCluster's functional analysis relies on Gene Ontology and KEGG annotations and is currently available for three organisms: Homo Sapiens, Mus Musculus and Saccharomyces Cerevisiae. FunCluster is provided as a standalone R package, which can be run on any operating system for which an R environment implementation is available (Windows, Mac OS, various flavors of Linux and Unix). Download it from the FunCluster website, or from the worldwide mirrors of CRAN. FunCluster is provided freely under the GNU General Public License 2.0. Platform: Windows compatible, Mac OS X compatible, Linux compatible, Unix compatible

Abbreviations: FunCluster

Synonyms: FunCluster R Package, FunCluster Algorithm

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

Defining Citation: [PMID:17007070](#), [PMID:16506959](#), [PMID:16046292](#)

Keywords: genomic, gene, functional analysis, gene expression, cdna microarray, cdna, microarray, function, cluster, annotation, biological process, statistical analysis, bio.tools

Funding:

Availability: Free for academic use, GNU General Public License, v2

Resource Name: FunCluster

Resource ID: SCR_005774

Alternate IDs: nlx_149242, biotools:funcluster

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

Record Creation Time: 20220129T080232+0000

Record Last Update: 20250412T055002+0000

Ratings and Alerts

No rating or validation information has been found for FunCluster.

No alerts have been found for FunCluster.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](https://fdi-lab.scrunch.org).

Zhou L, et al. (2018) Gene expression profiling of brain metastatic cell from triple negative breast cancer: Understanding the molecular events. *Gene*, 640, 21.

Jin L, et al. (2014) Pathway-based analysis tools for complex diseases: a review. *Genomics, proteomics & bioinformatics*, 12(5), 210.