Resource Summary Report

Generated by NIF on Apr 20, 2025

GeneCodis

RRID:SCR_006943
Type: Tool

Proper Citation

GeneCodis (RRID:SCR_006943)

Resource Information

URL: http://genecodis.cnb.csic.es/

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Description: Web-based tool for the ontological analysis of large lists of genes. It can be used to determine biological annotations or combinations of annotations that are significantly associated to a list of genes under study with respect to a reference list. As well as single annotations, this tool allows users to simultaneously evaluate annotations from different sources, for example Biological Process and Cellular Component categories of Gene Ontology.

Abbreviations: GeneCodis

Synonyms: Gene annotations co-ocurrence discovery, GeneCodis - Gene annotations co-ocurrence discovery

Resource Type: data analysis service, analysis service resource, data access protocol, web service, software resource, production service resource, service resource

Defining Citation: PMID:22573175, PMID:19465387, PMID:17204154

Keywords: functional analysis, gene, annotation, statistical analysis, functional genomics, bio.tools

Funding: Juan de la Cierva research program ;
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Government of Madrid P2010/BMD-2305

Availability: Free for academic use, Acknowledgement requested

Resource Name: GeneCodis

Resource ID: SCR_006943

Alternate IDs: OMICS_02221, biotools:genecodis3, nlx_149254

Alternate URLs: https://bio.tools/genecodis3

Record Creation Time: 20220129T080239+0000

Record Last Update: 20250420T015151+0000

Ratings and Alerts

No rating or validation information has been found for GeneCodis.

No alerts have been found for GeneCodis.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 336 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Fujii D, et al. (2025) Aged garlic extract enhances the production of ??defensin 4 via activation of the Wnt/??catenin pathway in mouse gingiva. Experimental and therapeutic medicine, 29(2), 41.

Gurung RL, et al. (2025) Plasma Proteomics of Diabetic Kidney Disease Among Asians With Younger-Onset Type 2 Diabetes. The Journal of clinical endocrinology and metabolism, 110(2), e239.

Shukla M, et al. (2024) Metabolic reprogramming and signalling cross-talks in tumour-immune interaction: a system-level exploration. Royal Society open science, 11(3), 231574.

Fuller OK, et al. (2024) Exercise training improves long-term memory in obese mice. Life metabolism, 3(1), load043.

Sun R, et al. (2024) Transcriptome Sequencing Identifies Abnormal lncRNAs and mRNAs and Reveals Potentially Hub Immune-Related mRNA in Osteoporosis with Vertebral Fracture. Clinical interventions in aging, 19, 203.

Fei Q, et al. (2024) A pan-cancer characterization of immune-related NFIL3 identifies potential predictive biomarker. Journal of Cancer, 15(5), 1271.

Galanis E, et al. (2024) Carcinoembryonic antigen-expressing oncolytic measles virus derivative in recurrent glioblastoma: a phase 1 trial. Nature communications, 15(1), 493.

Gómez Hernández G, et al. (2024) Bank1 modulates the differentiation and molecular profile of key B cell populations in autoimmunity. JCI insight, 9(19).

Abusaliya A, et al. (2024) Transcriptome analysis revealed the genes and major pathways involved in prunetrin treated hepatocellular carcinoma cells. Frontiers in pharmacology, 15, 1400186.

Amaro-Prellezo E, et al. (2024) Extracellular vesicles from dental pulp mesenchymal stem cells modulate macrophage phenotype during acute and chronic cardiac inflammation in athymic nude rats with myocardial infarction. Inflammation and regeneration, 44(1), 25.

Díez-Sainz E, et al. (2024) MicroRNAs from edible plants reach the human gastrointestinal tract and may act as potential regulators of gene expression. Journal of physiology and biochemistry, 80(3), 655.

Flook M, et al. (2024) Cytokine profiling and transcriptomics in mononuclear cells define immune variants in Meniere Disease. Genes and immunity, 25(2), 124.

Busby L, et al. (2024) Intrinsic and extrinsic cues time somite progenitor contribution to the vertebrate primary body axis. eLife, 13.

Amargant F, et al. (2024) Systemic low-dose anti-fibrotic treatment attenuates ovarian aging in the mouse. bioRxiv : the preprint server for biology.

Lee HJ, et al. (2024) Pectolinarigenin regulates the tumor-associated proteins in AGS-xenograft BALB/c nude mice. Molecular biology reports, 51(1), 305.

Mitsueda R, et al. (2024) Identification of Tumor-Suppressive miR-30a-3p Controlled Genes: ANLN as a Therapeutic Target in Breast Cancer. Non-coding RNA, 10(6).

Mullari M, et al. (2023) Characterising the RNA-binding protein atlas of the mammalian brain uncovers RBM5 misregulation in mouse models of Huntington's disease. Nature communications, 14(1), 4348.

Ma TS, et al. (2023) Hypoxia-induced transcriptional stress is mediated by ROS-induced R-loops. Nucleic acids research, 51(21), 11584.

Coupe N, et al. (2023) WNT5A-ROR2 axis mediates VEGF dependence of BRAF mutant melanoma. Cellular oncology (Dordrecht), 46(2), 391.

Jia N, et al. (2023) Metabolic reprogramming of proinflammatory macrophages by target delivered roburic acid effectively ameliorates rheumatoid arthritis symptoms. Signal transduction and targeted therapy, 8(1), 280.