

Resource Summary Report

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GORilla: Gene Ontology Enrichment Analysis and Visualization Tool

RRID:SCR_006848

Type: Tool

Proper Citation

GORilla: Gene Ontology Enrichment Analysis and Visualization Tool (RRID:SCR_006848)

Resource Information

URL: <http://cbl-gorilla.cs.technion.ac.il/>

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Description: A tool for identifying and visualizing enriched GO terms in ranked lists of genes. It can be run in one of two modes: * Searching for enriched GO terms that appear densely at the top of a ranked list of genes or * Searching for enriched GO terms in a target list of genes compared to a background list of genes.

Abbreviations: GORilla

Synonyms: Gene Ontology enRiChment anaLysis and visuaLizAtion tool, GORilla: Gene Ontology Enrichment Analysis Visualization Tool

Resource Type: data analysis service, service resource, analysis service resource, production service resource

Defining Citation: [PMID:19192299](#)

Keywords: gene, genetic, ontology, ontology or annotation visualization, statistical analysis, term enrichment, visualization, analysis, protein

Funding: European Union FP6 ;
Yeshaya Horowitz Association

Availability: Acknowledgement requested, Free, Public

Resource Name: GORilla: Gene Ontology Enrichment Analysis and Visualization Tool

Resource ID: SCR_006848

Alternate IDs: nlx_80425, OMICS_02282

Record Creation Time: 20220129T080238+0000

Record Last Update: 20260804T043311+0000

Ratings and Alerts

No rating or validation information has been found for GOrilla: Gene Ontology Enrichment Analysis and Visualization Tool.

No alerts have been found for GOrilla: Gene Ontology Enrichment Analysis and Visualization Tool.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 492 mentions in open access literature.

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

Xin Y, et al. (2025) Genetic contributions to brain criticality and its relationship with human cognitive functions. Proceedings of the National Academy of Sciences of the United States of America, 122(26), e2417010122.

Dussex N, et al. (2025) The Genomic Basis of the Svalbard Reindeer's Adaptation to an Extreme Arctic Environment. Genome biology and evolution, 17(9).

Wibisono P, et al. (2025) The GPCR NMUR-1 mediates neural regulation of energy homeostasis in response to pathogen infection. Infection and immunity, 93(12), e0031325.

Xu Y, et al. (2025) Modulation of tumor inflammatory signaling and drug sensitivity by CMTM4. The EMBO journal, 44(6), 1866.

Rödl S, et al. (2025) A protein-specific priority code in presequences determines the efficiency of mitochondrial protein import. PLoS biology, 23(7), e3003298.

Liang Q, et al. (2025) Symptom-based depression subtypes: brain dynamic specificity and its association with gene expression profiles. Translational psychiatry, 15(1), 33.

de Queiroz BR, et al. (2025) Axonal RNA localization is essential for long-term memory. Nature communications, 16(1), 2560.

Kha M, et al. (2025) Injured Proximal Tubular Epithelial Cells Lose Hepatocyte Nuclear Factor 4? Expression Crucial for Brush Border Formation and Transport. The American journal of pathology, 195(5), 845.

Kanjilal R, et al. (2025) Genomic Anomaly Detection with Functional Data Analysis. *Genes*, 16(6).

Chu SN, et al. (2025) Dual γ -globin-truncated erythropoietin receptor knockin restores hemoglobin production in β -thalassemia-derived erythroid cells. *Cell reports*, 44(1), 115141.

Chen H, et al. (2025) The Hao-Fountain syndrome protein USP7 regulates neuronal connectivity in the brain via a novel p53-independent ubiquitin signaling pathway. *Cell reports*, 44(2), 115231.

Omenge K, et al. (2025) SEOR2 in Arabidopsis mediates Ca^{2+} dependent defense against phytoplasmas and reduction of plant growth. *Scientific reports*, 15(1), 17829.

Hennion N, et al. (2025) Identification of early genes in the pathophysiology of fibrotic interstitial lung disease in a new model of pulmonary fibrosis. *Cellular and molecular life sciences : CMLS*, 82(1), 115.

Flohr T, et al. (2025) Dysfunctional mitochondria trap proteins in the intermembrane space. *The EMBO journal*, 44(15), 4352.

Kaiser VB, et al. (2025) CTCF-anchored chromatin loop dynamics during human meiosis. *BMC biology*, 23(1), 83.

Blaszczyk K, et al. (2025) SPOCK2 controls the proliferation and function of immature pancreatic β -cells through MMP2. *Experimental & molecular medicine*, 57(1), 131.

Cridland JM, et al. (2025) Phylogenetic Relatedness Does not Predict Patterns of Parallel Transcriptome Adaptation in *Drosophila*. *Genome biology and evolution*, 17(9).

Trendel J, et al. (2025) The human proteome with direct physical access to DNA. *Cell*, 188(16), 4424.

Pech U, et al. (2025) Synaptic deregulation of cholinergic projection neurons causes olfactory dysfunction across five fly Parkinsonism models. *eLife*, 13.

Zahavi EE, et al. (2025) Repeat-element RNAs integrate a neuronal growth circuit. *Cell*, 188(16), 4350.