

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, production service resource, analysis service resource

Defining Citation: [PMID:19192299](https://pubmed.ncbi.nlm.nih.gov/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: 20260801T042623+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 [T1D](#).

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).

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.

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.

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.

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.

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

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.

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

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.

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.