

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: analysis service resource, data analysis service, production service resource, 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: 20260905T133136+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 524 mentions in open access literature.

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

Dotson BR, et al. (2026) Streptomyces Volatiles Alter Auxin/Cytokinin Signaling, Root Architecture, and Growth Rate in Arabidopsis thaliana via Signaling Through the KISS ME DEADLY Gene Family. Plants (Basel, Switzerland), 15(1).

Weyer MP, et al. (2026) Selective neuronal restoration of progranulin does not prevent the frontotemporal dementia like-phenotype of progranulin knockout mice. Journal of neuroinflammation, 23(1), 34.

Koller MS, et al. (2026) Combinatorial effects of multiple genes contribute to beneficial aneuploidy phenotypes. EMBO reports, 27(10), 2772.

Chen G, et al. (2026) Intrinsic regional brain activity differences and its relationship with neurotransmitter and gene expression in postpartum depression: a voxel-based meta-analysis. Psychological medicine, 56, e110.

Anglas U, et al. (2026) MAK-2 Kinase Is Required for Extended Longevity and Enhanced Stress Resistance Resulting From Mild Impairment of Mitochondrial Function in isp-1 Mutants. Aging cell, 25(5), e70537.

Deal SL, et al. (2026) RNAi-based screen for pigmentation in Drosophila melanogaster reveals regulators of brain dopamine and sleep. iScience, 29(1), 114388.

Zhang X, et al. (2026) Successful Public Speaking Enhances Neural Alignment in Audience Language Networks. Neurobiology of language (Cambridge, Mass.), 7.

- 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.
- 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.
- Güran A, et al. (2025) PP2A-B56 γ is a key determinant of cardiac protein phosphorylation and functional responses to β -adrenergic signalling. *Journal of molecular and cellular cardiology plus*, 12, 100301.
- Rödl S, et al. (2025) A protein-specific priority code in presequences determines the efficiency of mitochondrial protein import. *PLoS biology*, 23(7), e3003298.
- Akopyan K, et al. (2025) Preparation for mitosis requires gradual CDK1 activation. *iScience*, 28(5), 112292.
- Guo Z, et al. (2025) Neural Activity Alterations and Their Association With Neurotransmitter and Genetic Profiles in Schizophrenia: Evidence From Clinical Patients and Unaffected Relatives. *CNS neuroscience & therapeutics*, 31(2), e70218.
- Xu Y, et al. (2025) Modulation of tumor inflammatory signaling and drug sensitivity by CMTM4. *The EMBO journal*, 44(6), 1866.
- Kha M, et al. (2025) Injured Proximal Tubular Epithelial Cells Lose Hepatocyte Nuclear Factor 4 γ 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).
- de Queiroz BR, et al. (2025) Axonal RNA localization is essential for long-term memory. *Nature communications*, 16(1), 2560.
- Chu SN, et al. (2025) Dual β -globin-truncated erythropoietin receptor knockin restores hemoglobin production in β -thalassemia-derived erythroid cells. *Cell reports*, 44(1), 115141.
- Liang Q, et al. (2025) Symptom-based depression subtypes: brain dynamic specificity and its association with gene expression profiles. *Translational psychiatry*, 15(1), 33.