

# Resource Summary Report

Generated by [NIF](#) on May 15, 2025

## AmiGO

RRID:SCR\_002143

Type: Tool

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### Proper Citation

AmiGO (RRID:SCR\_002143)

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### Resource Information

**URL:** <http://amigo.geneontology.org/>

**Proper Citation:** AmiGO (RRID:SCR\_002143)

**Description:** Web tool to search, sort, analyze, visualize and download data of interest. Along with providing details of the ontologies, gene products and annotations, features a BLAST search, Term Enrichment and GO Slimmer tools, the GO Online SQL Environment and a user help guide. Used at the Gene Ontology (GO) website to access the data provided by the GO Consortium. Developed and maintained by the GO Consortium.

**Abbreviations:** AmiGO

**Synonyms:** GO Consortium, AmiGO, AmiGO 2, AmiGene Ontology, Gene Ontology Database, Gene Ontology Consortium, GO Database, The Gene Ontology Consortium

**Resource Type:** service resource, analysis service resource, data or information resource, database, production service resource, data analysis service

**Defining Citation:** [PMID:19033274](https://pubmed.ncbi.nlm.nih.gov/19033274/)

**Keywords:** search, sort, analyze, visualize, data, ontology, gene, annotation, FASEB list

**Funding:** NHGRI P41 HG002273

**Availability:** Free, Available for download, Freely available

**Resource Name:** AmiGO

**Resource ID:** SCR\_002143

**Alternate IDs:** nif-0000-20935, OMICS\_02266

**Alternate URLs:** <http://sourceforge.net/projects/geneontology/>

**Record Creation Time:** 20220129T080211+0000

**Record Last Update:** 20250514T061217+0000

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## Ratings and Alerts

No rating or validation information has been found for AmiGO.

No alerts have been found for AmiGO.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 1187 mentions in open access literature.

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

Yang Y, et al. (2025) Exploring the role of oxidative stress in carotid atherosclerosis: insights from transcriptomic data and single-cell sequencing combined with machine learning. *Biology direct*, 20(1), 15.

Wei W, et al. (2025) RBM47 is a novel immunotherapeutic target and prognostic biomarker in gliomas. *Scientific reports*, 15(1), 854.

Shi W, et al. (2025) VDGE: a data repository of variation database for gene-edited animals across multiple species. *Nucleic acids research*, 53(D1), D1250.

Yang K, et al. (2025) CASP5 associated with PANoptosis promotes tumorigenesis and progression of clear cell renal cell carcinoma. *Cancer cell international*, 25(1), 8.

Coulée M, et al. (2025) Chromatin environment-dependent effects of DOT1L on gene expression in male germ cells. *Communications biology*, 8(1), 138.

Sun S, et al. (2025) Exogenous 24-Epibrassinolide Improves Low-Temperature Tolerance of Maize Seedlings by Influencing Sugar Signaling and Metabolism. *International journal of molecular sciences*, 26(2).

Ji X, et al. (2024) Discovery of GJC1 as a prognostic biomarker in glioma cells: insights into its cell-cycle relationship and differential expression in non-neuronal cells. *Frontiers in*

cellular neuroscience, 18, 1440409.

Cornman RS, et al. (2024) A genomic hotspot of diversifying selection and structural change in the hoary bat (*Lasiurus cinereus*). *PeerJ*, 12, e17482.

Church SJ, et al. (2024) Oncogenic signaling in the adult *Drosophila* prostate-like accessory gland leads to activation of a conserved pro-tumorigenic program, in the absence of proliferation. *bioRxiv : the preprint server for biology*.

Warren TL, et al. (2024) Association of neurotransmitter pathway polygenic risk with specific symptom profiles in psychosis. *Molecular psychiatry*, 29(8), 2389.

Feichtner A, et al. (2024) Phosphorylation of the compartmentalized PKA substrate TAF15 regulates RNA-protein interactions. *Cellular and molecular life sciences : CMLS*, 81(1), 162.

Gaucher J, et al. (2024) Long-term intermittent hypoxia in mice induces inflammatory pathways implicated in sleep apnea and steatohepatitis in humans. *iScience*, 27(2), 108837.

Zeinali S, et al. (2024) Discrimination of distinct chicken M cell subsets based on CSF1R expression. *Scientific reports*, 14(1), 8795.

van Kersen W, et al. (2024) Impact of COVID-19 containment measures on perceived health and health-protective behavior: a longitudinal study. *Scientific reports*, 14(1), 419.

Zhu J, et al. (2024) Exploring the role of KIR3DL2 on NK cells in hepatocellular carcinoma and its potential prognostic implications. *iScience*, 27(9), 110637.

Li L, et al. (2024) A comprehensive analysis of the KLRB1 expression and its clinical implication in testicular germ cell tumors: A review. *Medicine*, 103(15), e37688.

Tan H, et al. (2024) TSPYL1 as a Critical Regulator of TGF $\beta$  Signaling through Repression of TGFBR1 and TSPYL2. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 11(21), e2306486.

Bashary N, et al. (2024) New population of *Solanum pimpinellifolium* backcross inbred lines as a resource for heat stress tolerance in tomato. *Frontiers in plant science*, 15, 1386824.

van de Kooij B, et al. (2024) The Fanconi anemia core complex promotes CtIP-dependent end resection to drive homologous recombination at DNA double-strand breaks. *Nature communications*, 15(1), 7076.

Hu J, et al. (2024) Characterization of RNA Processing Genes in Colon Cancer for Predicting Clinical Outcomes. *Biomarker insights*, 19, 11772719241258642.