Resource Summary Report

Generated by dkNET on Apr 30, 2025

AmiGO

RRID:SCR_002143

Type: Tool

Proper Citation

AmiGO (RRID:SCR_002143)

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: data analysis service, service resource, database, analysis service resource, data or information resource, production service resource

Defining Citation: PMID: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: 20250430T055136+0000

Ratings and Alerts

No rating or validation information has been found for AmiGO.

No alerts have been found for AmiGO.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1187 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>dkNET</u>.

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? 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.