

Resource Summary Report

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Genesis

RRID:SCR_015775

Type: Tool

Proper Citation

Genesis (RRID:SCR_015775)

Resource Information

URL: https://genome.tugraz.at/genesisclient/genesisclient_description.shtml

Proper Citation: Genesis (RRID:SCR_015775)

Description: Software for cluster analysis of microarray data. Genesis is a platform independent Java package of tools to simultaneously visualize and analyze a whole set of gene expression experiments.

Synonyms: Genesis: Cluster analysis of microarray data

Resource Type: data analysis software, data processing software, data visualization software, software application, software resource

Defining Citation: [PMID:11836235](#)

Keywords: cluster analysis, microarray data, java, gene expression, visualization, analysis, bio.tools

Availability: Free for academic use, Free for non-profits, Available for download, Runs on Windows, Runs on Mac OS, Runs on Linux

Resource Name: Genesis

Resource ID: SCR_015775

Alternate IDs: biotools:genesis_microarray

Alternate URLs: https://bio.tools/genesis_microarray

Record Creation Time: 20220129T080327+0000

Record Last Update: 20260821T194027+0000

Ratings and Alerts

No rating or validation information has been found for Genesis.

No alerts have been found for Genesis.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1029 mentions in open access literature.

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

Abdelhamid Shahat M, et al. (2026) Highly sensitive hierarchically structured Si-based UV sensor-photodetectors via optimized ZnO-Al₂O₃ nanocomposite architectures. Scientific reports, 16(1).

Lu JJ, et al. (2026) Trophoblast aging driven by IL33 deficiency elevates recurrent pregnancy loss risk through SNAP29 lactylation-mediated autophagy impairment. Autophagy, 22(7), 1679.

Okada H, et al. (2026) Ligand-dependent reprogramming of HNF4A expression and function suppresses multistep hepatocarcinogenesis. Molecular therapy. Oncology, 34(2), 201246.

Boffa F, et al. (2026) TGF- β 3 promotes trophoblast development in sheep embryos via ACS2-dependent permissive lipid metabolism†. Biology of reproduction, 114(3), 773.

Szpotkowska J, et al. (2026) Oxidative stress and GPX2 control pancreatic vs. non-pancreatic cell fate in human endoderm. Nature communications, 17(1), 1407.

Luan Y, et al. (2026) Comparative Proteomic Profiling of Microdissected Spindle and Epithelioid Uveal Melanoma Subtypes. Investigative ophthalmology & visual science, 67(4), 32.

Shi X, et al. (2026) Chloroplast genomes provide new insights into the phylogeny and evolution of the genus Hibiscus L. BMC plant biology, 26(1).

Rizza AN, et al. (2026) Higher diabetes genetic load in proliferative diabetic retinopathy in South India: The South Indian GeNetics of DiAbeTic Retinopathy (SIGNATR) study. Graefe's archive for clinical and experimental ophthalmology = Albrecht von Graefes Archiv fur klinische und experimentelle Ophthalmologie, 264(6), 1753.

Zimmerman I, et al. (2025) Cognitive, affective, and behavioral engagement with science news predicted by the use of accessibility strategies in science-minded and general audiences. Public understanding of science (Bristol, England), 34(1), 92.

Hussain MA, et al. (2025) Integrative analyses reveal Bna-miR397a-BnaLAC2 as a potential modulator of low-temperature adaptability in Brassica napus L. Plant

biotechnology journal, 23(6), 1968.

Ramoroka MP, et al. (2025) Genetic diversity and population structure of non-descript cattle in South African smallholder systems. *Frontiers in genetics*, 16, 1535730.

Wen YL, et al. (2025) Transcriptomic Regulation by Astrocytic m6A Methylation in the mPFC. *Genes to cells : devoted to molecular & cellular mechanisms*, 30(2), e70003.

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

Wang S, et al. (2025) EEG assessment of artificial intelligence-generated content impact on student creative performance and neurophysiological states in product design. *Frontiers in psychology*, 16, 1508383.

Grabauskas T, et al. (2025) CMV reshapes lymphoid immunity in aging: a single-cell atlas with predictive modeling. *bioRxiv : the preprint server for biology*.

Sánchez-García S, et al. (2025) Immunometabolic Effect of Nitric Oxide on Human Macrophages Challenged With the SARS-CoV2-Induced Cytokine Storm. A Fluxomic Approach. *Advanced healthcare materials*, 14(1), e2401688.

Sun H, et al. (2025) Unveiling the secrets of lotus seed longevity: insights into adaptive strategies for extended storage. *Journal of experimental botany*, 76(4), 1147.

Odland IC, et al. (2025) Design and implementation of a Targeted HealthcaRe InnoVation & Entrepreneurship (THRIVE) fellowship program. *PloS one*, 20(9), e0328153.

Fernando MATM, et al. (2025) Testing Phylogenetic Placement Accuracy of DNA Barcode Sequences on a Fish Backbone Tree: Implications of Backbone Tree Completeness and Species Representation. *Ecology and evolution*, 15(1), e70817.

Salucci S, et al. (2025) The Role of 3D Virtual Anatomy and Scanning Environmental Electron Microscopy in Understanding Morphology and Pathology of Ancient Bodies. *Tomography (Ann Arbor, Mich.)*, 11(1).