

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

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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 processing software, data analysis software, data visualization software, software resource, software application

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: 20260731T042959+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 1018 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

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

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

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.

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.

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

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.

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.

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.

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).

Kimberlin AN, et al. (2025) Inducible expression of DEFECTIVE IN ANTHER DEHISCENCE 1 enhances triacylglycerol accumulation and lipid droplet formation in vegetative tissues. *The Plant journal : for cell and molecular biology*, 121(5), e70088.

van der Leest EC, et al. (2025) Genotype-Phenotype Correlations, Treatment, and Prognosis of Children With Early-Onset (Neonatal) Marfan Syndrome. *Clinical genetics*, 108(2), 134.

Lewandowski L, et al. (2025) Next generation sequencing analysis reveals complex genetic architecture of childhood-onset systemic lupus erythematosus. *Lupus science & medicine*, 12(1).

Perkin OJ, et al. (2025) Exercise without Weight Loss Prevents Seasonal Decline in Vitamin D Metabolites: The VitaDEX Randomized Controlled Trial. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(22), e2416312.

Mullol J, et al. (2025) Benralizumab and the integrated management of co-morbid severe eosinophilic asthma with chronic rhinosinusitis with nasal polyps. *Clinical and translational allergy*, 15(4), e70051.

Boehme JD, et al. (2025) Epigenetic changes and serotype-specific responses of alveolar type II epithelial cells to *Streptococcus pneumoniae* in resolving influenza A virus infection. *Cell communication and signaling : CCS*, 23(1), 278.

Gao Y, et al. (2025) A dataset of expression profile of certain microRNAs in *Caenorhabditis elegans*. *Scientific data*, 12(1), 1143.

van der Zon AAM, et al. (2025) Hydrophilic Interaction Chromatography HRMS with Acrylamide Monolithic Columns: A Novel Approach for Intact Antibody Glycoform Characterization. *Analytical chemistry*, 97(25), 13569.

Rudawska A, et al. (2025) Functionalized Boron Carbide Nanoparticles as Active Boron Delivery Agents Dedicated to Boron Neutron Capture Therapy. *International journal of nanomedicine*, 20, 6637.