Resource Summary Report

Generated by dkNET on Apr 26, 2025

GEO2R

RRID:SCR_016569

Type: Tool

Proper Citation

GEO2R (RRID:SCR_016569)

Resource Information

URL: https://www.ncbi.nlm.nih.gov/geo/info/geo2r.html

Proper Citation: GEO2R (RRID:SCR_016569)

Description: Software as an interactive web tool to compare two or more groups of samples in a Gene Expression Omnibus (GEO) series regardless of data type and quality. Used to identify genes that are differentially expressed across experimental conditions. Results are presented as a table of genes ordered by significance.

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

Keywords: compare, group, sample, gene, expression, omnibus, data, identify, differentially, expressed, across, condition, bio.tools

Funding:

Availability: Free, Available for download, Freely available

Resource Name: GEO2R

Resource ID: SCR_016569

Alternate IDs: biotools:GEO2R

Alternate URLs: https://bio.tools/GEO2R

Record Creation Time: 20220129T080331+0000

Record Last Update: 20250426T060554+0000

Ratings and Alerts

No rating or validation information has been found for GEO2R.

No alerts have been found for GEO2R.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 48 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

Fang X, et al. (2024) Exome sequencing confirms the clinical diagnosis of both joubert syndrome and klinefelter syndrome with keratoconus in a han Chinese family. Frontiers in genetics, 15, 1417584.

Qu HQ, et al. (2024) The Role of BAG3 Protein Interactions in Cardiomyopathies. International journal of molecular sciences, 25(20).

Garmaa G, et al. (2024) A Systematic Review and Meta-Analysis of microRNA Profiling Studies in Chronic Kidney Diseases. Non-coding RNA, 10(3).

Yang X, et al. (2024) Identification of key genes associated with cervical cancer based on bioinformatics analysis. BMC cancer, 24(1), 897.

Zhu Z, et al. (2024) N6?methyladenosine methyltransferase METTL14 is associated with macrophage polarization in rheumatoid arthritis. Experimental and therapeutic medicine, 28(4), 375.

Li T, et al. (2024) N6-methyladenosine-associated genetic variants in NECTIN2 and HPCAL1 are risk factors for abdominal aortic aneurysm. iScience, 27(4), 109419.

Pasini E, et al. (2024) Acyl-CoA Thioesterase 1 Contributes to Transition of Steatosis to Metabolic-Associated Steatohepatitis. International journal of hepatology, 2024, 5560676.

de Kivit S, et al. (2024) Immune suppression by human thymus-derived effector Tregs relies on glucose/lactate-fueled fatty acid synthesis. Cell reports, 43(9), 114681.

Ma Q, et al. (2023) Insights into the Effects and Mechanism of Andrographolide-Mediated Recovery of Susceptibility of Methicillin-Resistant Staphylococcus aureus to ?-Lactam Antibiotics. Microbiology spectrum, 11(1), e0297822.

Zuo Y, et al. (2023) Prediction of target genes in community-acquired pneumonia based on

the bioinformatics method. Journal of thoracic disease, 15(5), 2694.

Farin HF, et al. (2023) Colorectal Cancer Organoid-Stroma Biobank Allows Subtype-Specific Assessment of Individualized Therapy Responses. Cancer discovery, 13(10), 2192.

Ahuja SK, et al. (2023) Immune resilience despite inflammatory stress promotes longevity and favorable health outcomes including resistance to infection. Nature communications, 14(1), 3286.

Sekaran K, et al. (2023) A systematic review of artificial intelligence-based COVID-19 modeling on multimodal genetic information. Progress in biophysics and molecular biology, 179, 1.

Gargiulo E, et al. (2023) Extracellular Vesicle Secretion by Leukemia Cells In Vivo Promotes CLL Progression by Hampering Antitumor T-cell Responses. Blood cancer discovery, 4(1), 54.

Mödl B, et al. (2023) Defects in microvillus crosslinking sensitize to colitis and inflammatory bowel disease. EMBO reports, 24(10), e57084.

Jiang X, et al. (2023) Pyruvate dehydrogenase B regulates myogenic differentiation via the FoxP1-Arih2 axis. Journal of cachexia, sarcopenia and muscle, 14(1), 606.

Pieri V, et al. (2023) Aberrant L-Fucose Accumulation and Increased Core Fucosylation Are Metabolic Liabilities in Mesenchymal Glioblastoma. Cancer research, 83(2), 195.

Poleboyina PK, et al. (2023) Entrectinib a Plausible Inhibitor for Osteopontin (SPP1) in Cervical Cancer-Integrated Bioinformatic Approach. Applied biochemistry and biotechnology.

Mok KK, et al. (2023) Apolipoprotein E ?4 disrupts oligodendrocyte differentiation by interfering with astrocyte-derived lipid transport. Journal of neurochemistry, 165(1), 55.

Milenkovic D, et al. (2022) Flavanol Consumption in Healthy Men Preserves Integrity of Immunological-Endothelial Barrier Cell Functions: Nutri(epi)genomic Analysis. Molecular nutrition & food research, 66(21), e2100991.