Resource Summary Report

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globaltest

RRID:SCR_001256
Type: Tool

Proper Citation

globaltest (RRID:SCR_001256)

Resource Information

URL: http://www.bioconductor.org/packages/release/bioc/html/globaltest.html

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Description: A software package that tests groups of covariates (or features) for association with a response variable. The package implements the test with diagnostic plots and multiple testing utilities, along with several functions to facilitate the use of this test for gene set testing of GO and KEGG terms.

Abbreviations: globaltest

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

Defining Citation: PMID:34046931

Keywords: differential expression, go, microarray, one channel, pathway, bio.tools

Availability: Free, Available for download, Freely available

Resource Name: globaltest

Resource ID: SCR_001256

Alternate IDs: biotools:globaltest, OMICS_02084

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

License: GNU General Public License v2 or newer

Record Creation Time: 20220129T080206+0000

Record Last Update: 20260905T132431+0000

Ratings and Alerts

No rating or validation information has been found for globaltest.

No alerts have been found for globaltest.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 31 mentions in open access literature.

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

Shehab NBN, et al. (2026) Benchmarking the urinary transplant metabolome of kidney transplant recipients using healthy organ donors. Frontiers in transplantation, 5, 1833811.

Lewis F, et al. (2025) Exploratory Metabolomic and Lipidomic Profiling in a Manganese-Exposed Parkinsonism-Affected Population in Northern Italy. Metabolites, 15(7).

Kobayashi Y, et al. (2025) Visualizing fatigue mechanisms in non-communicable diseases: an integrative approach with multi-omics and machine learning. BMC medical informatics and decision making, 25(1), 204.

Datta I, et al. (2024) Utility of an untargeted metabolomics approach using a 2D GC-GC-MS platform to distinguish relapsing and progressive multiple sclerosis. bioRxiv : the preprint server for biology.

Datta I, et al. (2024) Utility of an Untargeted Metabolomics Approach Using a 2D GC-GC-MS Platform to Distinguish Relapsing and Progressive Multiple Sclerosis. Metabolites, 14(9).

Spagnolo P, et al. (2024) Metabolomic signature of pediatric diabetic ketoacidosis: key metabolites, pathways, and panels linked to clinical variables. Molecular medicine (Cambridge, Mass.), 30(1), 250.

Kramer AE, et al. (2024) Cross-species regulatory network analysis identifies FOXO1 as a driver of ovarian follicular recruitment. Scientific reports, 14(1), 30787.

López-Romero LC, et al. (2024) Comprehensive Metabolomic Profiling in Adults with X-Linked Hypophosphatemia: A Case-Control Study. Biomedicines, 13(1).

Chowdhury NU, et al. (2024) Androgen signaling restricts glutaminolysis to drive sex-specific Th17 metabolism in allergic airway inflammation. The Journal of clinical investigation, 134(23).

Kwon JW, et al. (2022) Different Metabolomic and Proteomic Profiles of Cerebrospinal Fluid in Ventricular and Lumbar Compartments in Relation to Leptomeningeal Metastases. Metabolites, 12(1).

Deutsch L, et al. (2022) Urine and Fecal 1H-NMR Metabolomes Differ Significantly between Pre-Term and Full-Term Born Physically Fit Healthy Adult Males. Metabolites, 12(6).

Mubeen S, et al. (2022) On the influence of several factors on pathway enrichment analysis. Briefings in bioinformatics, 23(3).

Deutsch L, et al. (2022) Exercise and Interorgan Communication: Short-Term Exercise Training Blunts Differences in Consecutive Daily Urine 1H-NMR Metabolomic Signatures between Physically Active and Inactive Individuals. Metabolites, 12(6).

Taman H, et al. (2021) DNA hypo-methylation facilitates anti-inflammatory responses in severe ulcerative colitis. PloS one, 16(4), e0248905.

Frigerio G, et al. (2021) Plasma Metabolomic Profiling in 1391 Subjects with Overweight and Obesity from the SPHERE Study. Metabolites, 11(4).

Deutsch L, et al. (2021) Spinal Muscular Atrophy after Nusinersen Therapy: Improved Physiology in Pediatric Patients with No Significant Change in Urine, Serum, and Liquor 1H-NMR Metabolomes in Comparison to an Age-Matched, Healthy Cohort. Metabolites, 11(4).

Sadek J, et al. (2021) Pharmacological or genetic inhibition of iNOS prevents cachexia-mediated muscle wasting and its associated metabolism defects. EMBO molecular medicine, 13(7), e13591.

Noortman WA, et al. (2020) Adding the temporal domain to PET radiomic features. PloS one, 15(9), e0239438.

Leonova T, et al. (2020) Does Protein Glycation Impact on the Drought-Related Changes in Metabolism and Nutritional Properties of Mature Pea (Pisum sativum L.) Seeds? International journal of molecular sciences, 21(2).

Pacífico C, et al. (2020) Distinct serum metabolomic signatures of multiparous and primiparous dairy cows switched from a moderate to high-grain diet during early lactation. Metabolomics : Official journal of the Metabolomic Society, 16(9), 96.