Resource Summary Report

Generated by NIF on Apr 22, 2025

LIMMA

RRID:SCR_010943
Type: Tool

Proper Citation

LIMMA (RRID:SCR_010943)

Resource Information

URL: http://bioinf.wehi.edu.au/limma/

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Description: Software package for the analysis of gene expression microarray data, especially the use of linear models for analyzing designed experiments and the assessment of differential expression.

Abbreviations: LIMMA

Synonyms: Linear Models for Microarray Data

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

Keywords: analysis, gene, expression, microarray, data, linear, model, bio.tools

Funding:

Availability: Free, Available for download, Freely available

Resource Name: LIMMA

Resource ID: SCR_010943

Alternate IDs: biotools:limma, OMICS_00769

Alternate URLs: https://omictools.com/limma-tool, https://bio.tools/limma, https://sources.debian.org/src/r-bioc-limma/

Record Creation Time: 20220129T080301+0000

Record Last Update: 20250422T055625+0000

Ratings and Alerts

No rating or validation information has been found for LIMMA.

No alerts have been found for LIMMA.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 20817 mentions in open access literature.

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

Wang K, et al. (2025) Exploring the Role of Ccn3 in Type III Cell of Mice Taste Buds. Journal of neurochemistry, 169(1), e16291.

Wright SS, et al. (2025) Transplantation of gasdermin pores by extracellular vesicles propagates pyroptosis to bystander cells. Cell, 188(2), 280.

Tang Y, et al. (2025) Exploring the Mechanisms of Sanguinarine in the Treatment of Osteoporosis by Integrating Network Pharmacology Analysis and Deep Learning Technology. Current computer-aided drug design, 21(1), 83.

Wu J, et al. (2025) Unraveling the role of LDHA and VEGFA in oxidative stress: A pathway to therapeutic interventions in cerebral aneurysms. Biomolecules & biomedicine, 25(2), 360.

Liu Y, et al. (2025) Investigation of the Shared Biomarkers in Heterotopic Ossification Between Ossification of the Ligamentum Flavum and Ankylosing Spondylitis. Global spine journal, 15(1), 161.

Meng X, et al. (2025) GTO: a comprehensive gene therapy omnibus. Nucleic acids research, 53(D1), D1393.

Elhinnawi MA, et al. (2025) GPNMB is a novel binding partner of FGFR1 that affects tumorigenic potential through AKT phosphorylation in TNBC. Cancer science, 116(2), 432.

Li G, et al. (2025) Slow Metabolism-Driven Amplification of Hepatic PPAR? Agonism Mediates Benzbromarone-Induced Obesity-Specific Liver Injury. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(3), e2409126.

Kim W, et al. (2025) Transcription factor-dependent regulatory networks of sexual reproduction in Fusarium graminearum. mBio, 16(1), e0303024.

Wei G, et al. (2025) An integrated machine learning framework for developing and validating a prognostic risk model of gastric cancer based on endoplasmic reticulum stress-associated genes. Biochemistry and biophysics reports, 41, 101891.

Priego N, et al. (2025) TIMP1 Mediates Astrocyte-Dependent Local Immunosuppression in Brain Metastasis Acting on Infiltrating CD8+ T Cells. Cancer discovery, 15(1), 179.

M D, et al. (2025) Differential gene expression profile in Porphyromonas gingivalis treated human gingival keratinocytes and their role in the development of HNSCC. Journal of oral biology and craniofacial research, 15(1), 48.

Lian Y, et al. (2025) Predicting Treatment Outcomes in Patients with Low Back Pain Using Gene Signature-Based Machine Learning Models. Pain and therapy, 14(1), 359.

Liang F, et al. (2025) Utilizing integrated bioinformatics and machine learning approaches to elucidate biomarkers linking sepsis to purine metabolism-associated genes. Scientific reports, 15(1), 353.

Ajay A, et al. (2025) Assessment of targets of antibody drug conjugates in SCLC. NPJ precision oncology, 9(1), 1.

Ramalho S, et al. (2025) NAC regulates metabolism and cell fate in intestinal stem cells. Science advances, 11(2), eadn9750.

Li S, et al. (2025) A machine learning model and identification of immune infiltration for chronic obstructive pulmonary disease based on disulfidptosis-related genes. BMC medical genomics, 18(1), 7.

Sishc BJ, et al. (2025) Defective homologous recombination and genomic instability predict increased responsiveness to carbon ion radiotherapy in pancreatic cancer. NPJ precision oncology, 9(1), 20.

Wang Y, et al. (2025) BCL-2 overexpression exosomes promote the proliferation and migration of mesenchymal stem cells in hypoxic environment for skin injury in rats. Journal of biological engineering, 19(1), 7.

Song W, et al. (2025) Role of immune cell homeostasis in research and treatment response in hepatocellular carcinoma. Clinical and experimental medicine, 25(1), 42.