

Resource Summary Report

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

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

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: 20260903T235033+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 27197 mentions in open access literature.

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

He P, et al. (2027) Key molecular networks underlying retinol's biphasic effects on cell proliferation through multi-omics integrative analysis using genome-scale metabolic modeling. *Synthetic and systems biotechnology*, 15, 43.

Zheleznyak A, et al. (2026) Epithelial-Mesenchymal Transition and Stress Adaptations Underlie Yttrium-90 Resistance in Liver Cancer Cell Lines. *Cancer research communications*, 6(1), 178.

Ratnawati H, et al. (2026) The ubiquitin-proteasome system is an important driver of EBV-associated nasopharyngeal carcinoma progression: a meta-analysis of transcriptomic data. *Scientific reports*, 16(1).

Alvaro-Espinosa L, et al. (2026) MIF-Induced CD74+ Microglia and Macrophages Promote Progression of Brain Metastasis and Are Clinically Relevant across Central Nervous System Disorders. *Cancer research*, 86(13), 3249.

Spalato Ceruso M, et al. (2026) Adenosine A2B Receptor Promotes Tumor Progression and Metastases in Undifferentiated Pleomorphic Sarcoma. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(9), 1887.

Fernandez Garcia M, et al. (2026) Transcriptomic and phenotypic convergence of neurodevelopmental disorder risk genes in vitro and in vivo. *Nature neuroscience*, 29(5), 1079.

Sueyoshi H, et al. (2026) Histological grade 2 and non-contrast-enhancing phenotype provide prognostic information complementary to DNA methylation classification in TERTp-mutant molecular glioblastomas. *Acta neuropathologica communications*, 14(1).

Hassan AZ, et al. (2026) Orobas: A computational approach for scoring and analysis of quantitative chemical-genetic interactions from CRISPR-Cas9 screens. *STAR protocols*, 7(2), 104594.

Qiu J, et al. (2026) Identifying Novel Estrogenic Mitochondrial Targets in Hypothalamic Proopiomelanocortin Neurons by Chemoproteomics. *bioRxiv : the preprint server for biology*.

Span?? T, et al. (2026) Localized mRNAs and protein synthesis in cortical layer 1. *Cell reports*, 45(7), 117687.

Radke K, et al. (2026) Repurposing statins and phenothiazines to treat chemoresistant neuroblastoma. *EMBO molecular medicine*, 18(2), 433.

Tickman BI, et al. (2026) The response to kidney injury is epigenetically regulated through the activation of bivalent genes. *American journal of physiology. Renal physiology*, 330(2), F238.

Zhao S, et al. (2026) RNF25 confers mRNA damage tolerance by curbing activation of the integrated stress response. *Molecular cell*, 86(7), 1275.

Herbrich S, et al. (2026) TET2-mutant clonal hematopoiesis enhances macrophage antigen presentation and improves immune checkpoint therapy in solid tumors. *Cancer cell*, 44(1), 187.

Tollenaere A, et al. (2026) Mechanisms of gene regulation by SRCAP and H2A.Z. *Nature communications*, 17(1).

Ni J, et al. (2026) CD70 regulates the NF1/Ras/ERK axis to promote metastatic potential in clear cell renal cell carcinoma. *Cancer cell international*, 26(1).

Ding C, et al. (2026) MYO1G Facilitates Caveolin 1-Mediated Endocytosis of the N-Terminal Fragments of Gasdermin E to Restrain Pyroptosis and Chemotherapy Efficacy. *Cancer research*, 86(15), 3741.

Ge X, et al. (2026) PI3K Regulates Wild-type RAS Signaling to Confer Resistance to KRAS Inhibition. *Cancer research*, 86(15), 3819.

Petrova V, et al. (2026) A human iPSC-derived sensory neuron platform for high-throughput discovery of neuroprotectants against chemotherapy-induced peripheral neuropathy. *Cell reports. Medicine*, 7(5), 102787.

Yang H, et al. (2026) Metabolic Response to CDK4/6 Inhibition in ER+ Breast Cancer Creates a Therapeutic Vulnerability in Drug-Tolerant Persister Cells. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 40(7), e71746.