

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 processing software, software application, data analysis software, 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: 20260731T042839+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 24583 mentions in open access literature.

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

Hua S, et al. (2026) Spatiotemporal profiling of endocytic regulators in the immunosuppressive TAM microenvironment of glioma. Brain research, 1872, 150086.

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.

Safari M, et al. (2026) Combined HDAC and eIF4A inhibition: A novel epigenetic therapy for pancreatic ductal adenocarcinoma. Drug resistance updates : reviews and commentaries in antimicrobial and anticancer chemotherapy, 84, 101312.

Dunn LN, et al. (2026) Altered hepatic metabolism in Down syndrome. Cell reports, 45(1), 116835.

Zhang J, et al. (2026) Etiology of Iridocorneal Endothelial Syndrome: Viral Infection and Immune Suppression. Cornea, 45(2), 196.

Venkatasubramani AV, et al. (2026) Chameau (HBO1) regulates starvation resistance in Drosophila melanogaster in a temperature-dependent manner. Life science alliance, 9(1).

Zhang Q, et al. (2026) Synergistic effects of Akebia saponin D and Semaglutide on diabetic nephropathy and osteoporosis via the Klotho???p53 signaling axis. International journal of molecular medicine, 57(1).

Wei T, et al. (2026) Roll with the punches: Fibroblast growth factor 10 alleviates pyroptosis of alveolar epithelial cells in different immune niches. Clinical and translational medicine, 16(1), e70569.

Wang W, et al. (2026) Feedback regulation between histone H3 lysine 18 lactylation and TROP2-mediated glycolysis drives metastatic progression of colorectal cancer. Clinical and translational medicine, 16(1), e70562.

Ma Y, et al. (2026) Bioinformatics and experimental approaches identify NME8 as a promoter of the metastasis of renal cell carcinoma by activating the JAK/STAT signaling pathway. Clinical and experimental medicine, 26(1), 68.

Mbano IM, et al. (2026) Single-cell and spatial profiling highlights TB-induced myofibroblasts as drivers of lung pathology. *The Journal of experimental medicine*, 223(3).

Shen Z, et al. (2026) FABP4-mediated lipid droplet accumulation drives epithelial-mesenchymal transition and aggravates alveolar epithelial barrier disruption. *Clinical and translational medicine*, 16(1), e70563.

Wu Y, et al. (2026) Downregulation of the lncRNA PGM5P4-AS1 predicts poor prognosis and drives breast cancer progression through miR-3664-5p/KLF9. *Cancer biology & therapy*, 27(1), 2606474.

Areesawangkit P, et al. (2026) A dual diacylglycerol kinase (DGK) alpha/zeta inhibitor augments the activity of human tumor infiltrating lymphocytes in in vivo and ex vivo models. *Oncoimmunology*, 15(1), 2608439.

Wei J, et al. (2026) FOS and JUN regulate oxidative stress and steroidogenesis in human aldosterone-producing adenomas. *Redox biology*, 89, 103982.

Luo Z, et al. (2026) Host adaptation and genome evolution of the broad host range fungal rust pathogen, *Austropuccinia psidii*. *G3 (Bethesda, Md.)*, 16(1).

Darlington KC, et al. (2026) Myeloid Cell Adhesion Molecule 1 (CADM1) Promotes Proinflammatory Signaling in Human Inflammatory Bowel Diseases. *Cellular and molecular gastroenterology and hepatology*, 20(1), 101618.

Yang Z, et al. (2026) Development of multiple cell death pattern features to predict prognosis and drug sensitivity in gastric adenocarcinoma. *Translational oncology*, 63, 102584.

Shi X, et al. (2026) Development and validation of a TOP2A based index clinical model for kidney renal clear cell carcinoma. *Translational oncology*, 64, 102625.

Trinh XT, et al. (2026) OmicsQ: a user-friendly platform for interactive quantitative omics data analysis. *Bioinformatics (Oxford, England)*, 42(1).