

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/>

Proper Citation: LIMMA (RRID:SCR_010943)

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

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: 20260729T044256+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 [nidm-terms](#) .

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.

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).

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

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 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).

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

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.

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).

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.

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

Chen L, et al. (2026) RNF39 promotes colorectal cancer progression by driving RINT1 degradation and suppressing ER stress-induced apoptosis. *Clinical and translational medicine*, 16(1), e70577.