

Resource Summary Report

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Glimma

RRID:SCR_017389

Type: Tool

Proper Citation

Glimma (RRID:SCR_017389)

Resource Information

URL: <https://bioconductor.org/packages/release/bioc/html/Glimma.html>

Proper Citation: Glimma (RRID:SCR_017389)

Description: Software package for interactive graphics for gene expression analysis. Generates interactive visualisations for analysis of RNA-sequencing data.

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

Defining Citation: [PMID:28203714](#)

Keywords: Interactive, graphic, gene, expression, analysis, visualisation, RNAseq, data

Funding: NHMRC ;
Victorian State Government Operational Infrastructure Support and Australian Government ;
Viertel Fellowship

Availability: Free, Available for download, Freely available

Resource Name: Glimma

Resource ID: SCR_017389

License: GPL v3

Record Creation Time: 20220129T080335+0000

Record Last Update: 20260905T132823+0000

Ratings and Alerts

No rating or validation information has been found for Glimma.

No alerts have been found for Glimma.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Da Silva AJ, et al. (2025) Nuclear talin-1 provides a bridge between cell adhesion and gene expression. *iScience*, 28(2), 111745.

Kimsa-Dudek M, et al. (2025) Effect of Caffeic Acid and a Static Magnetic Field on Human Fibroblasts at the Molecular Level - Next-generation Sequencing Analysis. *Applied biochemistry and biotechnology*, 197(3), 1516.

Treger TD, et al. (2025) Predisposition Footprints in the Somatic Genome of Wilms Tumors. *Cancer discovery*, 15(2), 286.

Pessa JC, et al. (2025) HSF2 drives breast cancer progression by acting as a stage-specific switch between proliferation and invasion. *Science advances*, 11(36), eady1289.

Anagho-Mattanovich M, et al. (2025) Multi-omics analysis of thermogenic lipolysis in brown adipocytes. *iScience*, 28(9), 113382.

Mishra S, et al. (2024) Nitrogen starvation causes lipid remodeling in *Rhodotorula toruloides*. *Microbial cell factories*, 23(1), 141.

Malhotra N, et al. (2024) Environmental fungi target thiol homeostasis to compete with *Mycobacterium tuberculosis*. *PLoS biology*, 22(12), e3002852.

Mancheno-Ferris A, et al. (2024) Crosstalk between chromatin and Shavenbaby defines transcriptional output along the *Drosophila* intestinal stem cell lineage. *iScience*, 27(1), 108624.

Haglund S, et al. (2023) Differences in Whole-Blood Transcriptional Profiles in Inflammatory Bowel Disease Patients Responding to Vedolizumab Compared with Non-Responders. *International journal of molecular sciences*, 24(6).

Clavaín L, et al. (2023) Characterization of mutant versions of the R-RAS2/TC21 GTPase found in tumors. *Oncogene*, 42(5), 389.

Chakraborty S, et al. (2023) De Novo and Histologically Transformed Small-Cell Lung Cancer Is Sensitive to Lurbinectedin Treatment Through the Modulation of EMT and NOTCH Signaling Pathways. *Clinical cancer research : an official journal of the American*

Association for Cancer Research, 29(17), 3526.

Fernández-Pisonero I, et al. (2022) A hotspot mutation targeting the R-RAS2 GTPase acts as a potent oncogenic driver in a wide spectrum of tumors. *Cell reports*, 38(11), 110522.

Birkle K, et al. (2022) An Unprecedented Tolerance to Deletion of the Periplasmic Chaperones SurA, Skp, and DegP in the Nosocomial Pathogen *Acinetobacter baumannii*. *Journal of bacteriology*, 204(10), e0005422.

Alysandratos KD, et al. (2021) Patient-specific iPSCs carrying an SFTPC mutation reveal the intrinsic alveolar epithelial dysfunction at the inception of interstitial lung disease. *Cell reports*, 36(9), 109636.

Hohsfield LA, et al. (2021) Subventricular zone/white matter microglia reconstitute the empty adult microglial niche in a dynamic wave. *eLife*, 10.

Kariyawasam H, et al. (2021) Dashboard-style interactive plots for RNA-seq analysis are R Markdown ready with Glimma 2.0. *NAR genomics and bioinformatics*, 3(4), lqab116.

Korgaonkar A, et al. (2021) A novel family of secreted insect proteins linked to plant gall development. *Current biology : CB*, 31(9), 1836.

Douiev L, et al. (2021) Upregulation of COX4-2 via HIF-1? in Mitochondrial COX4-1 Deficiency. *Cells*, 10(2).

Rabaglino MB, et al. (2020) Machine learning approach to integrated endometrial transcriptomic datasets reveals biomarkers predicting uterine receptivity in cattle at seven days after estrous. *Scientific reports*, 10(1), 16981.

Huang J, et al. (2020) SARS-CoV-2 Infection of Pluripotent Stem Cell-Derived Human Lung Alveolar Type 2 Cells Elicits a Rapid Epithelial-Intrinsic Inflammatory Response. *Cell stem cell*, 27(6), 962.