

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 9, 2025

ComplexHeatmap

RRID:SCR_017270

Type: Tool

Proper Citation

ComplexHeatmap (RRID:SCR_017270)

Resource Information

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

Proper Citation: ComplexHeatmap (RRID:SCR_017270)

Description: Software package to arrange multiple heatmaps and support various annotation graphics. Used to visualize associations between different sources of data sets and to reveal potential patterns.

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

Defining Citation: [PMID:27207943](https://pubmed.ncbi.nlm.nih.gov/27207943/)

Keywords: arrange, multiple, heatmap, visualize, data, pattern, genomic, dataset, bio.tools

Funding: German Cancer Research Center-Heidelberg Center for Personalized Oncology ; BMBF

Availability: Free, Available for download, Freely available

Resource Name: ComplexHeatmap

Resource ID: SCR_017270

Alternate IDs: biotools:complexheatmap

Alternate URLs: <https://github.com/jokergoo/ComplexHeatmap>,
<https://bio.tools/complexheatmap>

License: MIT licence

Record Creation Time: 20220129T080334+0000

Record Last Update: 20250407T220357+0000

Ratings and Alerts

No rating or validation information has been found for ComplexHeatmap.

No alerts have been found for ComplexHeatmap.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2343 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Symonds ALJ, et al. (2025) Memory Phenotype Tfh Cells Develop Without Overt Infection and Support Germinal Center Formation and B Cell Responses to Viral Infection. *European journal of immunology*, 55(1), e202451291.

Gattoni G, et al. (2025) An ancient apical patterning system sets the position of the forebrain in chordates. *Science advances*, 11(4), eadq4731.

Long JP, et al. (2025) Urine proteomics defines an immune checkpoint-associated nephritis signature. *Journal for immunotherapy of cancer*, 13(1).

Morey-Yagi SR, et al. (2025) Expression of spider silk protein in tobacco improves drought tolerance with minimal effects on its mechanotype. *The Plant journal : for cell and molecular biology*, 121(2), e17213.

Chiou LF, et al. (2025) The RING Finger E3 Ligase RNF25 Protects DNA Replication Forks Independently of its Canonical Roles in Ubiquitin Signaling. *bioRxiv : the preprint server for biology*.

Zhou S, et al. (2025) The cGAS-STING-interferon regulatory factor 7 pathway regulates neuroinflammation in Parkinson's disease. *Neural regeneration research*, 20(8), 2361.

He Y, et al. (2025) Construction and evaluation of a prognostic model of autophagy-related genes in hepatocellular carcinoma. *Biochemistry and biophysics reports*, 41, 101893.

Neugebauer E, et al. (2025) Herpesviruses mimic zygotic genome activation to promote viral replication. *Nature communications*, 16(1), 710.

Huber MK, et al. (2025) Beta cell dysfunction occurs independently of insulinitis in type 1 diabetes pathogenesis. *bioRxiv : the preprint server for biology*.

Pongma C, et al. (2025) Effect of mRNA formulated with lipid nanoparticles on the transcriptomic and epigenetic profiles of F4/80+ liver-associated macrophages. *Scientific reports*, 15(1), 1146.

Luo Y, et al. (2025) Exploring the impacts of senescence on implantation and early embryonic development using totipotent cell-derived blastoids. *Journal of advanced research*, 68, 115.

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.

Midot F, et al. (2025) Temporal dynamics of soil microbial C and N cycles with GHG fluxes in the transition from tropical peatland forest to oil palm plantation. *Applied and environmental microbiology*, 91(1), e0198624.

Faraji F, et al. (2025) YAP-driven malignant reprogramming of oral epithelial stem cells at single cell resolution. *Nature communications*, 16(1), 498.

Zhang X, et al. (2025) Intestinal TM6SF2 protects against metabolic dysfunction-associated steatohepatitis through the gut-liver axis. *Nature metabolism*, 7(1), 102.

Stevens AR, et al. (2025) Evaluation of transcriptomic changes after photobiomodulation in spinal cord injury. *Scientific reports*, 15(1), 3193.

Tian Y, et al. (2025) CCR5 and IL-12 co-expression in CAR T cells improves antitumor efficacy by reprogramming tumor microenvironment in solid tumors. *Cancer immunology, immunotherapy : CII*, 74(2), 55.

Xia J, et al. (2025) TPD52 as a Therapeutic Target Identified by Machine Learning Shapes the Immune Microenvironment in Breast Cancer. *Journal of cellular and molecular medicine*, 29(1), e70333.

Bergmann T, et al. (2025) Identification of Quantitative Trait Loci (QTLs) and candidate genes for trichome development in *Brassica villosa* using genetic, genomic, and transcriptomic approaches. *Molecular genetics and genomics : MGG*, 300(1), 13.

Qian Y, et al. (2025) Exploring the role of adipokines in exercise-induced inhibition of tumor growth. *Sports medicine and health science*, 7(2), 143.