

Resource Summary Report

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

Defining Citation: [PMID: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

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 3266 mentions in open access literature.

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

Neogi U, et al. (2026) Plasma proteomic profiling and molecular clustering reveal immune-defined prognostic subtypes in lung adenocarcinoma. International journal of cancer, 158(4), 858.

Hua X, et al. (2026) Engineered T cell therapy for the treatment of cardiac fibrosis during chronic phase of myocarditis. Theranostics, 16(4), 2037.

Yan Y, et al. (2026) A novel mouse cell line model reveals the tumor intrinsic and immune characteristics of EGFR-mutant lung cancer. Theranostics, 16(2), 1006.

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

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.

Chen Y, et al. (2026) The transcription factor CUX1 exerts opposing roles in human and mouse adipocyte differentiation. Molecular metabolism, 103, 102290.

Banstola A, et al. (2026) Light Metabolically Reprograms CD8+ T Cells to Potentiate STING-Driven Tumor Eradication and Prevent Metastasis. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(1), e15121.

Liu X, et al. (2026) Investigation into the Pancreatic Pathogenesis of SFTSV across Multiple Levels. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(1), e15862.

Maurstad MF, et al. (2026) The green lacewing venom system and the complex mechanisms underlying its evolution. Molecular biology and evolution, 43(1).

Johansson MU, et al. (2026) Structure-guided design of antibody CDRs to reduce their reactivity to treatment-emergent anti-drug antibodies. *mAbs*, 18(1), 2604353.

Jay KL, et al. (2026) Resolving SLC6A1 variable expressivity with deep clinical phenotyping and *Drosophila* models. *HGG advances*, 7(1), 100541.

Chen Z, et al. (2026) Zinc Finger Protein 706 Gene a Potential Diagnostic and Therapeutic Target in Hepatocellular Carcinoma: Implications for Cancer Biotechnology. *Iranian journal of biotechnology*, 24(1), e4165.

Vishnoi M, et al. (2026) A prognostic matrix gene expression signature defines functional glioblastoma phenotypes and niches. *Communications biology*, 9(1), 18.

Stern YE, et al. (2026) Targeting CDK12/13 Drives Mitotic Arrest to Overcome Resistance to KRASG12C Inhibitors. *Cancer research*, 86(2), 485.

Allen AM, et al. (2026) Differential neuronal survival defines a novel axis of sexual dimorphism in the *Drosophila* brain. *Cell genomics*, 101125.

Avanessian SC, et al. (2026) IL2/IL15 Signaling Induces NK Cell Production of FLT3LG, Augmenting Anti-PD-1 Immunotherapy. *Cancer immunology research*, 14(1), 122.

Chen Y, et al. (2025) Spatial transcriptomics combined with single-nucleus RNA sequencing reveals glial cell heterogeneity in the human spinal cord. *Neural regeneration research*, 20(11), 3302.

Dervishi A, et al. (2025) A Systems Hypothesis of Lipopolysaccharide-Induced Vitamin Transport Suppression and Metabolic Reprogramming in Autism Spectrum Disorders: An Open Call for Validation and Therapeutic Translation. *Metabolites*, 15(6).

Molina-García M, et al. (2025) Integrative Molecular and Immune Profiling in Advanced Unresectable Melanoma: Tumor Microenvironment and Peripheral PD-1+ CD4+ Effector Memory T-Cells as Potential Markers of Response to Immune Checkpoint Inhibitor Therapy. *Cancers*, 17(12).

Li H, et al. (2025) The inhibition of TXNRD1 by methylglyoxal impairs the intracellular control of *Mycobacterium tuberculosis*. *Redox biology*, 85, 103741.