

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](http://FDI Lab - SciCrunch.org) on Apr 18, 2025

## Heatmapper

RRID:SCR\_016974

Type: Tool

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### Proper Citation

Heatmapper (RRID:SCR\_016974)

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### Resource Information

**URL:** <http://www2.heatmapper.ca/>

**Proper Citation:** Heatmapper (RRID:SCR\_016974)

**Description:** Software tool to create and provide heat maps through a graphical interface. Allows to create an expression, pairwise comparison, image overlay, geomap, and geocoordinate heat maps for different data types and applications. Used to interactively visualize data.

**Synonyms:** Heatmapper, HeatMapper, heat mapper

**Resource Type:** data processing software, software application, software resource, web service, data access protocol

**Defining Citation:** [PMID:27190236](https://pubmed.ncbi.nlm.nih.gov/27190236/)

**Keywords:** expression, based, heat, map, pairwise, comparison, distance, correlation, image, overlay, latitude, longitude, geomap, geopolitical, geocoordinate, choropleth, data, bio.tools

**Funding:** Canadian Institutes of Health Research ;  
Genome Alberta

**Availability:** Freely available, Free, Acknowledgement requested

**Resource Name:** Heatmapper

**Resource ID:** SCR\_016974

**Alternate IDs:** OMICS\_12077, biotools:heatmapper

**Alternate URLs:** <http://www.heatmapper.ca>, <https://github.com/WishartLab/heatmapper>, <https://bio.tools/heatmapper>

**License:** GNU General Public License v2.0

**Record Creation Time:** 20220129T080333+0000

**Record Last Update:** 20250418T055502+0000

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## Ratings and Alerts

No rating or validation information has been found for Heatmapper.

No alerts have been found for Heatmapper.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 93 mentions in open access literature.

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

Przygodzka E, et al. (2025) Metabolic control of luteinizing hormone-responsive ovarian steroidogenesis. *The Journal of biological chemistry*, 301(1), 108042.

Zhang Z, et al. (2025) Microglia depletion reduces neurodegeneration and remodels extracellular matrix in a mouse Parkinson's disease model triggered by  $\alpha$ -synuclein overexpression. *NPJ Parkinson's disease*, 11(1), 15.

Ikawa T, et al. (2025) Impact of Hyaluronic Acid on the Cutaneous T-Cell Lymphoma Microenvironment: A Novel Anti-Tumor Mechanism of Bexarotene. *Cancers*, 17(2).

Hirai M, et al. (2025) HHV-6B ribonucleotide reductase sequesters NF- $\kappa$ B subunit p65 to inhibit innate immune responses. *iScience*, 28(2), 111710.

Koroknai V, et al. (2024) Expression pattern of osteopontin isoforms in malignant melanoma cell lines. *Clinical and translational science*, 17(1), e13694.

Mizuno H, et al. (2024) B cell senescence promotes age-related changes in oral microbiota. *Aging cell*, 23(12), e14304.

Provasek VE, et al. (2024) RNA/DNA Binding Protein TDP43 Regulates DNA Mismatch Repair Genes with Implications for Genome Stability. *bioRxiv : the preprint server for biology*.

Majerciak V, et al. (2024) KSHV promotes oncogenic FOS to inhibit nuclease AEN and transactivate RGS2 for AKT phosphorylation. *bioRxiv : the preprint server for biology*.

Ersoy B, et al. (2024) The atypical antidepressant tianeptine confers neuroprotection against oxygen-glucose deprivation. *European archives of psychiatry and clinical neuroscience*, 274(4), 777.

Cardeira-da-Silva J, et al. (2024) Antigen presentation plays positive roles in the regenerative response to cardiac injury in zebrafish. *Nature communications*, 15(1), 3637.

Li Q, et al. (2024) Phenotypic and Immunological Characterization of Patients with Activated PI3K? Syndrome 1 Presenting with Autoimmunity. *Journal of clinical immunology*, 44(4), 102.

Abad C, et al. (2024) Pathological shifts in tryptophan metabolism in human term placenta exposed to LPS or poly I:C†. *Biology of reproduction*, 110(4), 722.

Agrawal B, et al. (2024) Molecular Insights into Transcranial Direct Current Stimulation Effects: Metabolomics and Transcriptomics Analyses. *Cells*, 13(3).

Wang J, et al. (2024) Prevalence and genotype distribution of HPV infection from Hangzhou of Zhejiang Province pre- and during COVID-19 pandemic. *Frontiers in public health*, 12, 1357311.

Georgopoulos AP, et al. (2024) Immunogenetic profiles of 9 human herpes virus envelope glycoproteins. *Scientific reports*, 14(1), 20924.

Hashemi Karoii D, et al. (2024) Exploring the interaction between immune cells in the prostate cancer microenvironment combining weighted correlation gene network analysis and single-cell sequencing: An integrated bioinformatics analysis. *Discover oncology*, 15(1), 513.

Lin YH, et al. (2024) Models incorporating physical, laboratory and gut metabolite markers can be used to predict severe hepatic steatosis in MAFLD patients. *The Kaohsiung journal of medical sciences*, 40(12), 1095.

Zepernick BN, et al. (2024) Molecular investigation of harmful cyanobacteria reveals hidden risks and niche partitioning in Kenyan Lakes. *Harmful algae*, 140, 102757.

Hattori T, et al. (2024) ER stress elicits non-canonical CASP8 (caspase 8) activation on autophagosomal membranes to induce apoptosis. *Autophagy*, 20(2), 349.

Yang L, et al. (2024) Human vascularized macrophage-islet organoids to model immune-mediated pancreatic ? cell pyroptosis upon viral infection. *Cell stem cell*, 31(11), 1612.