

Resource Summary Report

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Heatmapper

RRID:SCR_016974

Type: Tool

Proper Citation

Heatmapper (RRID:SCR_016974)

Resource Information

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

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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 access protocol, software application, data processing software, software resource, web service

Defining Citation: [PMID: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

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Ratings and Alerts

No rating or validation information has been found for Heatmapper.

No alerts have been found for Heatmapper.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 131 mentions in open access literature.

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

Hinrichs A, et al. (2026) Transient juvenile hypoglycemia in GH insensitive Laron syndrome pigs is associated with insulin hypersensitivity. *Molecular metabolism*, 103, 102273.

Belelli D, et al. (2025) From bugs to brain: unravelling the GABA signalling networks in the brain-gut-microbiome axis. *Brain : a journal of neurology*, 148(5), 1479.

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

Yamashita Y, et al. (2025) Development of an enzyme-linked immunosorbent assay for the efficient detection of autoantibodies against nuclear valosin-containing protein-like protein (NVL) 2 using its manipulated cDNA. *RMD open*, 11(3).

Cordella F, et al. (2025) Bezafibrate treatment rescues neurodevelopmental and neurodegenerative defects in 3D cortical organoid model of MAPT frontotemporal dementia. *Alzheimer's & dementia : the journal of the Alzheimer's Association*, 21(8), e70419.

Li W, et al. (2025) Kin17 promotes rDNA transcription, ribosomal biogenesis, and cortical lamination. *EMBO reports*, 26(17), 4283.

Nishiyama N, et al. (2025) Immunoreceptor CD300a regulates ischemic tissue damage and adverse remodeling in the mouse heart and kidney. *The Journal of clinical investigation*, 135(19).

Sun P, et al. (2025) Desat1-mediated lipid homeostasis mitigates 20E-induced lipotoxicity in blood-fed mosquitoes. *Nature communications*, 16(1), 10443.

Caldo F, et al. (2025) Salt Stress Re-Routes Terpenoid and Flavonoid Metabolism in Peppermint (*Mentha × Piperita* L.). *Physiologia plantarum*, 177(6), e70694.

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).

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

de Oliveira Costa SN, et al. (2025) *Psidium* Defenses Against *Meloidogyne enterolobii*: Proteomic and Microscopic Analysis of this Plant-Predator Association. *Proteomics*, 25(16), 17.

Miki T, et al. (2025) Intestinal luminal polyamines support the gut colonization of enteric bacterial pathogens by modulating flagellar motility and nitrate respiration. *mBio*, 16(9), e0178625.

Oyarbide U, et al. (2025) Reduced EIF6 dosage attenuates TP53 activation in models of Shwachman-Diamond syndrome. *The Journal of clinical investigation*, 135(8).

Armstrong R, et al. (2025) Wnt/ β -catenin signalling underpins juvenile *Fasciola hepatica* growth and development. *PLoS pathogens*, 21(2), e1012562.

Mittal S, et al. (2025) eIF4E Enriched Extracellular Vesicles Induce Immunosuppressive Macrophages through HMGCR-Mediated Metabolic Rewiring. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), e06307.

Okeoma CM, et al. (2025) Cannabinoids shift the basal ganglia microRNA m6A methylation profile towards an anti-inflammatory phenotype in SIV-infected rhesus macaques. *Communications biology*, 8(1), 1659.

Kirikae H, et al. (2025) Gene Expression Profiling in the Cortex of *Fabp4* Knockout Mice. *Neuropsychopharmacology reports*, 45(1), e70006.

Bayasgalan T, et al. (2025) *SPOCD1* Enhances Cancer Cell Activities and Serves as a Prognosticator in Esophageal Squamous Cell Carcinoma. *Cancer genomics & proteomics*, 22(2), 306.

Kuppuswamy S, et al. (2025) Brain proteome changes after intracerebral hemorrhage in aged male and female mice. *Neurobiology of disease*, 212, 106936.