Resource Summary Report

Generated by NIF on May 27, 2025

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 resource, data processing software, web service, software application

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

Record Creation Time: 20220129T080333+0000

Record Last Update: 20250527T055602+0000

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 93 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

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

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 ?-synuclein overexpression. NPJ Parkinson's disease, 11(1), 15.

Hirai M, et al. (2025) HHV-6B ribonucleotide reductase sequesters NF-?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.

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.

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.

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

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.

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

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.

Pandey AK, et al. (2024) Identification of Pseudopestalotiopsis ampullacea as a new pathogen causing tea gray blight in India and its management strategies. Scientific reports, 14(1), 29203.

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.