Resource Summary Report

Generated by NIF on Apr 17, 2025

Morpheus by Broad Institute

RRID:SCR_017386
Type: Tool

Proper Citation

Morpheus by Broad Institute (RRID:SCR_017386)

Resource Information

URL: https://software.broadinstitute.org/morpheus/

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Description: Software tool for versatile matrix visualization and analysis. Program to generate heatmaps from input data. JavaScript matrix visualization and analysis.

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

Keywords: Matrix, visualization, analysis, heatmap, input, data, Java

Funding:

Availability: Free, Available for download, Freely available

Resource Name: Morpheus by Broad Institute

Resource ID: SCR_017386

Alternate URLs: https://github.com/cmap/morpheus.js

License: BSD 3 Clause License

Record Creation Time: 20220129T080335+0000

Record Last Update: 20250417T065620+0000

Ratings and Alerts

No rating or validation information has been found for Morpheus by Broad Institute.

No alerts have been found for Morpheus by Broad Institute.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1492 mentions in open access literature.

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

Gupta M, et al. (2025) Meta-QTL analysis for mining of candidate genes and constitutive gene network development for viral disease resistance in maize (Zea mays L.). Heliyon, 11(1), e40984.

Nielsen HV, et al. (2025) Nr4a1 and Nr4a3 redundantly control clonal deletion and contribute to an anergy-like transcriptome in auto-reactive thymocytes to impose tolerance in mice. Nature communications, 16(1), 784.

da Silva JCT, et al. (2025) Label-free proteomic analysis of Duchenne and Becker muscular dystrophy showed decreased sarcomere proteins and increased ubiquitination-related proteins. Scientific reports, 15(1), 3293.

Murithi A, et al. (2025) Global Transcriptomic Analysis of Inbred Lines Reveal Candidate Genes for Response to Maize Lethal Necrosis. Plants (Basel, Switzerland), 14(2).

Tomczak K, et al. (2025) Plasma DNA Methylation-Based Biomarkers for MPNST Detection in Patients With Neurofibromatosis Type 1. Molecular carcinogenesis, 64(1), 44.

Lavallée É, et al. (2025) Mitochondrial signatures shape phenotype switching and apoptosis in response to PLK1 inhibitors. Life science alliance, 8(3).

Richter A, et al. (2025) The master male sex determinant Gdf6Y of the turquoise killifish arose through allelic neofunctionalization. Nature communications, 16(1), 540.

Afshari MK, et al. (2025) The Transcriptomic and Gene Fusion Landscape of Pleomorphic Salivary Gland Adenomas. Genes, chromosomes & cancer, 64(1), e70023.

Bell MB, et al. (2025) Brain Transcriptome Changes Associated With an Acute Increase of Protein O-GlcNAcylation and Implications for Neurodegenerative Disease. Journal of neurochemistry, 169(1), e16302.

Adelfio M, et al. (2025) Underscoring long-term host-microbiome interactions in a physiologically relevant gingival tissue model. NPJ biofilms and microbiomes, 11(1), 9.

Cigrang M, et al. (2025) Pan-inhibition of super-enhancer-driven oncogenic transcription by next-generation synthetic ecteinascidins yields potent anti-cancer activity. Nature communications, 16(1), 512.

Korenfeld N, et al. (2025) Repeated fasting events sensitize enhancers, transcription factor activity and gene expression to support augmented ketogenesis. Nucleic acids research, 53(1).

Ando D, et al. (2025) Decoding Codon Bias: The Role of tRNA Modifications in Tissue-Specific Translation. International journal of molecular sciences, 26(2).

Mokshina N, et al. (2025) A Fresh Look at Celery Collenchyma and Parenchyma Cell Walls Through a Combination of Biochemical, Histochemical, and Transcriptomic Analyses. International journal of molecular sciences, 26(2).

Poudel K, et al. (2025) Fabrication and functional validation of a hybrid biomimetic nanovaccine (HBNV) against Kit K641E -mutant melanoma. Bioactive materials, 46, 347.

Yamamoto T, et al. (2025) Protocol for extracellular vesicle secretion-related gene screening via ExoScreen technique. STAR protocols, 6(1), 103569.

Jani C, et al. (2025) VPS18 contributes to phagosome membrane integrity in Mycobacterium tuberculosis-infected macrophages. Science advances, 11(5), eadr6166.

Iimori Y, et al. (2025) SLFN11-mediated tRNA regulation induces cell death by disrupting proteostasis in response to DNA-damaging agents. bioRxiv : the preprint server for biology.

Zhou Y, et al. (2025) Dynamic mRNA Stability Buffer Transcriptional Activation During Neuronal Differentiation and Is Regulated by SAMD4A. Journal of cellular physiology, 240(1), e31477.

Lee KE, et al. (2025) Calcium-binding protein CALU-1 is essential for proper collagen formation in Caenorhabditis elegans. Cellular and molecular life sciences : CMLS, 82(1), 62.