

Resource Summary Report

Generated by NIF on Aug 1, 2026

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/>

Proper Citation: Morpheus by Broad Institute (RRID:SCR_017386)

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

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

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

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: 20260801T042816+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

Usage and Citation Metrics

We found 1704 mentions in open access literature.

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

Urbauer E, et al. (2026) Reduced Intestinal GLP-1+ Cell Numbers Are Associated With an Inflammation-related Epithelial Metabolic Signature. Cellular and molecular gastroenterology and hepatology, 20(2), 101656.

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

Seaton M, et al. (2026) Fallopian tube lavage sampling towards early detection of pre-invasive ovarian cancer. Clinical and translational medicine, 16(1), e70557.

Gou X, et al. (2026) Identification of a Two-Gene Biomarker Correlated with Sensitivity to Combined PARP7 Inhibition and AHR Activation in Cancer Cells. Cancer research communications, 6(1), 5.

Al-Ahmadi W, et al. (2026) Spaceflight alters molecular networks linked to diverse human diseases in a single cellular model. Science advances, 12(1), eadw7832.

Wernet ND, et al. (2025) Adenosine deaminase and deoxyadenosine regulate intracellular immune response in C. elegans. iScience, 28(3), 111950.

Najjary S, et al. (2025) Overexpression of CTLA-4 and fibronectin, and lower expression of CD137 (4-1BB) is associated with brain metastasis of primary skin melanomas. An analysis of local immune response by digital spatial profiling. Frontiers in immunology, 16, 1578986.

Marchingo JM, et al. (2025) PIM kinase control of CD8 T cell protein synthesis and cell trafficking. eLife, 13.

Endo A, et al. (2025) Ubiquitination-activated TAB-TAK1-IKK-NF- κ B axis modulates gene expression for cell survival in the lysosomal damage response. eLife, 14.

Rodrigues P, et al. (2025) Beyond opioid and SNRI-like actions: Proteomic insights into the effects of tramadol and O-desmethyltramadol in zebrafish larvae. Comparative biochemistry and physiology. Part D, Genomics & proteomics, 56, 101615.

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.

Filipowska J, et al. (2025) LGR4 is essential for maintaining β -cell homeostasis through suppression of RANK. Molecular metabolism, 92, 102097.

Wright JA, et al. (2025) A Novel Primary Cell Line Model of Localized Prostate Cancer and Radioresistance-A Role for Nicotinamide N-Methyltransferase. *Cells*, 14(11).

Brunner M, et al. (2025) Transcriptome analysis identifies CCR7 and cell adhesion molecules as mediators of B cell migration to the bursa of Fabricius during chicken embryonic development. *BMC genomics*, 26(1), 555.

Jung H, et al. (2025) Overexpression of sulfide:quinone reductase (SQR) in *Acidithiobacillus ferrooxidans* enhances sulfur, pyrite, and pyrrhotite oxidation. *Applied and environmental microbiology*, 91(4), e0017025.

Apostolov A, et al. (2025) Multi-omics analysis of uterine fluid extracellular vesicles reveals a resemblance with endometrial tissue across the menstrual cycle: biological and translational insights. *Human reproduction open*, 2025(2), hoaf010.

Aguilar-Ancori EG, et al. (2025) Identification of pandemic ST147, ESBL-type β -lactamases, carbapenemases, and virulence factors in *Klebsiella pneumoniae* isolated from southern Peru. *Scientific reports*, 15(1), 14870.

Núñez M, et al. (2025) Adapting to UV: Integrative Genomic and Structural Analysis in Bacteria from Chilean Extreme Environments. *International journal of molecular sciences*, 26(12).

Moro A, et al. (2025) Growth of human regulatory CD4⁺ T cells is more tightly controlled than effector T cells due to distinctive molecular programming. *iScience*, 28(6), 112553.

Zhao M, et al. (2025) The RNA demethylase FTO promotes glutamine metabolism in clear cell renal cell carcinoma through the regulation of SLC1A5. *Science advances*, 11(25), eadv2417.