Resource Summary Report

Generated by dkNET on May 21, 2025

Matrix2png

RRID:SCR_010669

Type: Tool

Proper Citation

Matrix2png (RRID:SCR_010669)

Resource Information

URL: http://bioinformatics.ubc.ca/matrix2png/

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Description: An open visualization tool for the display of matrix data. It is available for download or interactive web use. It is a simple but powerful program for making visualizations of microarray data and many other data types. It generates PNG formatted images from text files of data. It is fast, easy to use, and reasonably flexible. It can be used to generate publication-quality images, or to act as a image generator for web applications. Our group has found it useful for imaging all kinds of matrix-based data, not just microarray data.

Resource Type: software resource

Keywords: dna microarray, matrix

Funding:

Resource Name: Matrix2png

Resource ID: SCR 010669

Alternate IDs: nlx_74565

Record Creation Time: 20220129T080300+0000

Record Last Update: 20250519T203619+0000

Ratings and Alerts

No rating or validation information has been found for Matrix2png.

No alerts have been found for Matrix2png.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 123 mentions in open access literature.

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

Avadhanula V, et al. (2025) Longitudinal host transcriptional responses to SARS-CoV-2 infection in adults with extremely high viral load. PloS one, 20(1), e0317033.

Kumar K, et al. (2024) SWI/SNF complex-mediated chromatin remodeling in Candida glabrata promotes immune evasion. iScience, 27(4), 109607.

Chen F, et al. (2024) The DNA methylome of pediatric brain tumors appears shaped by structural variation and predicts survival. Nature communications, 15(1), 6775.

Sanjenbam P, et al. (2024) Divergence and convergence in epiphytic and endophytic phyllosphere bacterial communities of rice landraces. mSphere, 9(11), e0076524.

Hernández-Cedeño M, et al. (2024) Proteomic Profile Regulated by the Immunomodulatory Jusvinza Drug in Neutrophils Isolated from Rheumatoid Arthritis Patients. Biomedicines, 12(12).

Heiss J, et al. (2024) Expression of Inflammatory Genes in Murine Lungs in a Model of Experimental Pulmonary Hypertension: Effects of an Antibody-Based Targeted Delivery of Interleukin-9. Advances in respiratory medicine, 92(1), 27.

Chen F, et al. (2024) Germline structural variation globally impacts the cancer transcriptome including disease-relevant genes. Cell reports. Medicine, 5(3), 101446.

Zhang Y, et al. (2023) Pan-cancer molecular subtypes of metastasis reveal distinct and evolving transcriptional programs. Cell reports. Medicine, 4(2), 100932.

Chen F, et al. (2023) Global impact of somatic structural variation on the cancer proteome. Nature communications, 14(1), 5637.

Wang L, et al. (2023) GTPBP8 is required for mitoribosomal biogenesis and mitochondrial translation. Cellular and molecular life sciences: CMLS, 80(12), 361.

Teng F, et al. (2022) Time series proteome profile analysis reveals a protective role of citrate

synthase in angiotensin II-induced atrial fibrillation. Journal of hypertension, 40(4), 765.

Chen F, et al. (2022) Global molecular alterations involving recurrence or progression of pediatric brain tumors. Neoplasia (New York, N.Y.), 24(1), 22.

Rahayel S, et al. (2022) Differentially targeted seeding reveals unique pathological alphasynuclein propagation patterns. Brain: a journal of neurology, 145(5), 1743.

Liu L, et al. (2022) Microbiome Resilience despite a Profound Loss of Minority Microbiota following Clindamycin Challenge in Humanized Gnotobiotic Mice. Microbiology spectrum, 10(1), e0196021.

Dos Santos GB, et al. (2022) Proteomic profiling of hydatid fluid from pulmonary cystic echinococcosis. Parasites & vectors, 15(1), 99.

Zhang Y, et al. (2021) Rearrangement-mediated cis-regulatory alterations in advanced patient tumors reveal interactions with therapy. Cell reports, 37(7), 110023.

Chen F, et al. (2021) Systematic identification of non-coding somatic single nucleotide variants associated with altered transcription and DNA methylation in adult and pediatric cancers. NAR cancer, 3(1), zcab001.

Chen F, et al. (2021) Meta-analysis of host transcriptional responses to SARS-CoV-2 infection reveals their manifestation in human tumors. Scientific reports, 11(1), 2459.

Blanco-Touriñán N, et al. (2021) A genetic approach reveals different modes of action of prefoldins. Plant physiology, 187(3), 1534.

Zhang Y, et al. (2021) A pediatric brain tumor atlas of genes deregulated by somatic genomic rearrangement. Nature communications, 12(1), 937.