

Resource Summary Report

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[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

Resource Name: Matrix2png

Resource ID: SCR_010669

Alternate IDs: nlx_74565

Record Creation Time: 20220129T080300+0000

Record Last Update: 20260815T182406+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

Usage and Citation Metrics

We found 127 mentions in open access literature.

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

Chen F, et al. (2026) Global impact of germline structural variation on the cancer proteome. *Nature communications*, 17(1).

Pareek A, et al. (2025) Core histones govern echinocandin susceptibility in *Candida glabrata*. *Microbiology spectrum*, 13(6), e0239924.

Chen F, et al. (2025) Germline structural variations involving the pediatric brain tumor transcriptome include disease-relevant and ancestry-related genes. *Acta neuropathologica communications*, 13(1), 179.

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.

Zhang Y, et al. (2025) Pan-cancer, multi-omic correlates of survival transcending tumor lineage across 11,019 patients reveal targets and pathways. *NPJ precision oncology*, 9(1), 226.

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.

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

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

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

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.

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

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.

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.

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

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