## **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

**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.

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.

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.

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.

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.

Liu J, et al. (2021) Identification, evolution and expression analysis of WRKY gene family in Eucommia ulmoides. Genomics, 113(5), 3294.