Resource Summary Report

Generated by T1D on Aug 1, 2026

mAdb

RRID:SCR_006677
Type: Tool

Proper Citation

mAdb (RRID:SCR_006677)

Resource Information

URL: https://madb.nci.nih.gov/

Proper Citation: mAdb (RRID:SCR_006677)

Description: Microarray data management and analysis system for NCI / Center for Cancer Research scientists / collaborators. Data is secured and backed up on a regular basis, and investigators can authorize levels of access privileges to their projects, allowing data privacy while still enabling data sharing with collaborators.

Abbreviations: mAdb

Synonyms: Mad Bee, microArray database, Micro-array Database at the National Cancer Institute, NCI/CIT microArray database

Resource Type: data analysis service, data or information resource, data repository, storage service resource, database, service resource, production service resource, analysis service resource

Defining Citation: PMID:14728569

Keywords: microarray, bioinformatics, data management, analysis, gene expression, affymetrix, image, alignment, gene array list, cdna, oligonucleotide, gene discovery, prediction, comparison, cancer, FASEB list

Funding: Center for Information Technology

Availability: Account required, Restricted to NIH users/collaborators, The community can contribute to this resource

Resource Name: mAdb

Resource ID: SCR_006677

Alternate IDs: nif-0000-00171

Alternate URLs: http://nciarray.nci.nih.gov/

Record Creation Time: 20220129T080237+0000

Record Last Update: 20260801T042620+0000

Ratings and Alerts

No rating or validation information has been found for mAdb.

No alerts have been found for mAdb.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 38 mentions in open access literature.

Listed below are recent publications. The full list is available at T1D .

Knospe CV, et al. (2025) Structural insights into the substrate binding mechanism of the class I dehydratase MadB. Communications biology, 8(1), 1032.

Yan M, et al. (2025) Functional disparities of malonyl-ACP decarboxylase between Xanthomonas campestris and Xanthomonas oryzae. Applied and environmental microbiology, 91(5), e0243624.

Perez-Diez A, et al. (2022) Neoantigen Presentation and IFN? Signaling on the Same Tumor-associated Macrophage are Necessary for CD4 T Cell-mediated Antitumor Activity in Mice. Cancer research communications, 2(5), 316.

Briggs-Gonzalez VS, et al. (2021) American crocodiles (Crocodylus acutus) as restoration bioindicators in the Florida Everglades. PloS one, 16(5), e0250510.

Dahlmann M, et al. (2021) Combination of Wnt/?-Catenin Targets S100A4 and DKK1 Improves Prognosis of Human Colorectal Cancer. Cancers, 14(1).

Weber KS, et al. (2021) A comparative analysis of the intrauterine transcriptome in fertile and subfertile mares using cytobrush sampling. BMC genomics, 22(1), 377.

Kang SG, et al. (2021) Th2 Cytokines Increase the Expression of Fibroblast Growth Factor 21 in the Liver. Cells, 10(6).

Elouej S, et al. (2020) Loss of MTX2 causes mandibuloacral dysplasia and links mitochondrial dysfunction to altered nuclear morphology. Nature communications, 11(1), 4589.

Cappelli C, et al. (2020) Ski Is Required for Tri-Methylation of H3K9 in Major Satellite and for Repression of Pericentromeric Genes: Mmp3, Mmp10 and Mmp13, in Mouse Fibroblasts. Journal of molecular biology, 432(10), 3222.

Hitzert MM, et al. (2019) Mandibuloacral dysplasia type B (MADB): a cohort of eight patients from Suriname with a homozygous founder mutation in ZMPSTE24 (FACE1), clinical diagnostic criteria and management guidelines. Orphanet journal of rare diseases, 14(1), 294.

Ren J, et al. (2018) Comparison of human bone marrow stromal cells cultured in human platelet growth factors and fetal bovine serum. Journal of translational medicine, 16(1), 65.

Hilbert T, et al. (2018) Synthetic CpG oligonucleotides induce a genetic profile ameliorating murine myocardial I/R injury. Journal of cellular and molecular medicine, 22(7), 3397.

Oakley MS, et al. (2018) TCR?-expressing macrophages induced by a pathogenic murine malaria correlate with parasite burden and enhanced phagocytic activity. PloS one, 13(7), e0201043.

Gupta P, et al. (2017) Differential host gene responses from infection with neurovirulent and partially-neurovirulent strains of Venezuelan equine encephalitis virus. BMC infectious diseases, 17(1), 309.

Player A, et al. (2017) Identification of candidate genes associated with triple negative breast cancer. Genes & cancer, 8(7-8), 659.

Oakley MS, et al. (2016) Molecular Markers of Radiation Induced Attenuation in Intrahepatic Plasmodium falciparum Parasites. PloS one, 11(12), e0166814.

Urzúa U, et al. (2016) Dysregulation of mitotic machinery genes precedes genome instability during spontaneous pre-malignant transformation of mouse ovarian surface epithelial cells. BMC genomics, 17(Suppl 8), 728.

Hilbert T, et al. (2015) Synergistic Stimulation with Different TLR7 Ligands Modulates Gene Expression Patterns in the Human Plasmacytoid Dendritic Cell Line CAL-1. Mediators of inflammation, 2015, 948540.

Massa C, et al. (2015) Different maturation cocktails provide dendritic cells with different chemoattractive properties. Journal of translational medicine, 13, 175.

?oki? VP, et al. (2015) Microarray and Proteomic Analyses of Myeloproliferative Neoplasms with a Highlight on the mTOR Signaling Pathway. PloS one, 10(8), e0135463.