Resource Summary Report

Generated by NIF on Aug 10, 2026

MIAME

RRID:SCR_002349
Type: Tool

Proper Citation

MIAME (RRID:SCR_002349)

Resource Information

URL: http://fged.org/projects/miame/

Proper Citation: MIAME (RRID:SCR_002349)

Description: Standard specification for the Minimum Information About a Microarray Experiment that is needed to enable the interpretation of the results of the experiment unambiguously and potentially to reproduce the experiment.

Abbreviations: MIAME

Synonyms: Minimum Information About a Microarray Experiment

Resource Type: data or information resource, standard specification, narrative resource

Defining Citation: PMID:11726920

Keywords: microarray, gene expression, MDAR, FASEB list

Resource Name: MIAME

Resource ID: SCR_002349

Alternate IDs: OMICS_01785

Old URLs: http://www.mged.org/Workgroups/MIAME/miame.html

Record Creation Time: 20220129T080212+0000

Record Last Update: 20260810T040332+0000

Ratings and Alerts

No rating or validation information has been found for MIAME.

No alerts have been found for MIAME.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 280 mentions in open access literature.

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

Vemulamanda S, et al. (2026) Development of a Clinical Assay to Guide Patient Therapy in HPV-Associated Head and Neck Cancer. Clinical cancer research : an official journal of the American Association for Cancer Research, 32(13), 2681.

Tang S, et al. (2025) A comparative genomic study across 396 liver biopsies provides deep insight into FGF21 mode of action as a therapeutic agent in metabolic dysfunction-associated steatotic liver disease. Clinical and translational medicine, 15(2), e70218.

Wang S, et al. (2024) Endothelial PHD2 deficiency induces apoptosis resistance and inflammation via AKT activation and AIP1 loss independent of HIF2?. American journal of physiology. Lung cellular and molecular physiology, 327(4), L503.

Furukawa K, et al. (2024) Role of ABCB1 and ABCB4 in renal and biliary excretion of perfluorooctanoic acid in mice. Environmental health and preventive medicine, 29, 21.

Brancato V, et al. (2024) Standardizing digital biobanks: integrating imaging, genomic, and clinical data for precision medicine. Journal of translational medicine, 22(1), 136.

Musen MA, et al. (2022) Modeling community standards for metadata as templates makes data FAIR. Scientific data, 9(1), 696.

Hippen AA, et al. (2021) Expanding and Remixing the Metadata Landscape. Trends in cancer, 7(4), 276.

Zhu H, et al. (2021) MicroRNA biomarkers of type 2 diabetes: A protocol for corroborating evidence by computational genomics and meta-analyses. PloS one, 16(4), e0247556.

Seddiki N, et al. (2021) CD73+ CD127high Long-Term Memory CD4 T Cells Are Highly Proliferative in Response to Recall Antigens and Are Early Targets in HIV-1 Infection. International journal of molecular sciences, 22(2).

Paponov IA, et al. (2021) Differential root and shoot magnetoresponses in Arabidopsis thaliana. Scientific reports, 11(1), 9195.

Huang SW, et al. (2021) A Novel Multiprotein Bridging Factor 1-Like Protein Induces Cyst Wall Protein Gene Expression and Cyst Differentiation in Giardia lamblia. International journal of molecular sciences, 22(3).

Takagi T, et al. (2020) Dietary Intake of Carotenoid-Rich Vegetables Reduces Visceral Adiposity in Obese Japanese men-A Randomized, Double-Blind Trial. Nutrients, 12(8).

Taneera J, et al. (2020) Orphan G-protein coupled receptor 183 (GPR183) potentiates insulin secretion and prevents glucotoxicity-induced ?-cell dysfunction. Molecular and cellular endocrinology, 499, 110592.

Sun CH, et al. (2020) DNA topoisomerase III? promotes cyst generation by inducing cyst wall protein gene expression in Giardia lamblia. Open biology, 10(2), 190228.

Boldt ABW, et al. (2019) The blood transcriptome of childhood malaria. EBioMedicine, 40, 614.

Otto GW, et al. (2019) Conserved properties of genetic architecture of renal and fat transcriptomes in rat models of insulin resistance. Disease models & mechanisms, 12(7).

Klemens J, et al. (2019) Neurotoxic potential of reactive astrocytes in canine distemper demyelinating leukoencephalitis. Scientific reports, 9(1), 11689.

Pokrywczynska M, et al. (2019) Mesenchymal stromal cells modulate the molecular pattern of healing process in tissue-engineered urinary bladder: the microarray data. Stem cell research & therapy, 10(1), 176.

Attig F, et al. (2019) Reactive Oxygen Species Are Key Mediators of Demyelination in Canine Distemper Leukoencephalitis but not in Theiler's Murine Encephalomyelitis. International journal of molecular sciences, 20(13).

Malatras A, et al. (2019) Muscle Gene Sets: a versatile methodological aid to functional genomics in the neuromuscular field. Skeletal muscle, 9(1), 10.