Resource Summary Report

Generated by NIF on Apr 26, 2025

miRDB

RRID:SCR_010848 Type: Tool

Proper Citation

miRDB (RRID:SCR_010848)

Resource Information

URL: http://mirdb.org/miRDB/

Proper Citation: miRDB (RRID:SCR_010848)

Description: An online database for miRNA target prediction and functional annotations.

Abbreviations: miRDB

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

Defining Citation: PMID:18426918, PMID:18048393

Keywords: mirna, target, pathway, bio.tools, FASEB list

Funding:

Availability: Acknowledgement requested

Resource Name: miRDB

Resource ID: SCR_010848

Alternate IDs: OMICS_00403, biotools:miRDb

Alternate URLs: https://bio.tools/miRDB

Record Creation Time: 20220129T080301+0000

Record Last Update: 20250426T060210+0000

Ratings and Alerts

No rating or validation information has been found for miRDB.

No alerts have been found for miRDB.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1693 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>NIF</u>.

Wang L, et al. (2025) Differential mRNA and IncRNA Expression Profiles Associated with Early Pregnancy Loss in ART Patients. Reproductive sciences (Thousand Oaks, Calif.), 32(1), 229.

Lv A, et al. (2025) Upregulation of miR?6747?3p affects red blood cell lineage development and induces fetal hemoglobin expression by targeting BCL11A in ??thalassemia. Molecular medicine reports, 31(1).

Tokunaga T, et al. (2025) Role of long non?coding RNA leucine?rich repeat containing 75 A?antisense RNA1 in the invasion and progression of renal cell carcinoma. Oncology reports, 53(1).

Wang Y, et al. (2025) hAMSCs regulate EMT in the progression of experimental pulmonary fibrosis through delivering miR-181a-5p targeting TGFBR1. Stem cell research & therapy, 16(1), 2.

Mert A, et al. (2025) miRNAs in Major Depression: Possible Association of miR-17 and miR-92 with Childhood Traumas. Clinical psychopharmacology and neuroscience : the official scientific journal of the Korean College of Neuropsychopharmacology, 23(1), 133.

Dong Q, et al. (2025) Long non-coding RNA Malat1 modulates CXCR4 expression to regulate the interaction between induced neural stem cells and microglia following closed head injury. Stem cell research & therapy, 16(1), 31.

Tedja MS, et al. (2025) A genome-wide scan of non-coding RNAs and enhancers for refractive error and myopia. Human genetics, 144(1), 67.

Zhang P, et al. (2025) circ_0075048 silencing regulates LCP1 to improve IL-1?-induced chondrocyte injury by binding with miR-663b. Journal of orthopaedic surgery and research, 20(1), 24.

Panni S, et al. (2025) Integrated Analysis of microRNA Targets Reveals New Insights into Transcriptional-Post-Transcriptional Regulatory Cross-Talk. Biology, 14(1).

Tang Z, et al. (2025) Long noncoding RNA DHRS4 antisense RNA 1 suppresses osteosarcoma cell proliferation and promotes apoptosis through a competitive endogenous RNA mechanism. Scientific reports, 15(1), 2891.

Kawasumi R, et al. (2025) Systemic administration of induced pluripotent stem cell-derived mesenchymal stem cells improves cardiac function through extracellular vesicle-mediated tissue repair in a rat model of ischemic cardiomyopathy. Regenerative therapy, 28, 253.

Qian J, et al. (2025) Identification of biomarkers associated with ferroptosis in macrophages infected with Mycobacterium abscessus using bioinformatic tools. PloS one, 20(1), e0314114.

Mei J, et al. (2025) Altered Atlas of Exercise-Responsive MicroRNAs Revealing miR-29a-3p Attacks Armored and Cold Tumors and Boosts Anti-B7-H3 Therapy. Research (Washington, D.C.), 8, 0590.

Yu X, et al. (2025) Exploring potential biomarkers for acute myocardial infarction by combining circadian rhythm gene expression and immune cell infiltration. Scientific reports, 15(1), 4012.

Ji KY, et al. (2025) circRNA18_46222157_46248185 inhibits melanogenesis by targeting miR-211/EP300 pathway in goat melanocytes. Animal bioscience, 38(2), 255.

Ahmadi M, et al. (2025) Bioinformatics analysis of mitochondrial metabolism-related genes demonstrates their importance in renal cell carcinoma. Discover oncology, 16(1), 28.

Zhao Y, et al. (2025) Mir-615-5p inhibits cervical cancer progression by targeting TMIGD2. Hereditas, 162(1), 4.

Coy-Dibley J, et al. (2025) Keratinocyte-derived extracellular vesicles in painful diabetic neuropathy. Neurobiology of pain (Cambridge, Mass.), 17, 100176.

Liu H, et al. (2025) Identification of Anoikis-Related Genes in Chronic Kidney Disease Based on Bioinformatics Analysis Combined with Experimental Validation. Journal of inflammation research, 18, 973.

Kolipaka R, et al. (2025) MicroRNA?4327 regulates TGF??1 stimulation of matrix metalloproteinase?13 expression via CREB?binding protein?mediated Runx2 acetylation in human osteoblasts. Experimental and therapeutic medicine, 29(1), 20.