

Resource Summary Report

Generated by SPARC SAWG on Sep 14, 2026

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

Defining Citation: [PMID:18426918](#), [PMID:18048393](#)

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

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: 20260912T195724+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

Usage and Citation Metrics

We found 2027 mentions in open access literature.

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

Jeng AC, et al. (2026) Elevated zygotic let-7f-5p alters developmental trajectories and sex-specific somatic growth. *iScience*, 29(6), 116115.

Pasbola K, et al. (2026) Transcriptome profiling reveals the role of XIST/miR-335-5p regulatory axis as a crucial mediator of chemoresistance in esophageal cancer by influencing EMT and Ferroptosis. *Functional & integrative genomics*, 26(1).

He ZC, et al. (2026) miR-127-3p Inhibits Cell Stemness and Docetaxel Resistance in Triple-Negative Breast Cancer by Targeting KIF3B. *The Kaohsiung journal of medical sciences*, 42(3), e70113.

Ma T, et al. (2026) CircAASS alleviates renal injury and fibrosis by regulating mitochondrial homeostasis in tubular epithelial cells. *Autophagy*, 22(1), 182.

Wu SC, et al. (2026) Extracellular vesicles secreted by adipose-derived stem cells alleviate dedifferentiation and senescence in monolayer-expanded chondrocytes by suppressing interleukin-1 β -induced MAPK signaling. *Cell transplantation*, 35, 9636897261440426.

Szyndler J, et al. (2026) In Silico-Identified miR-16-5p and miR-32-5p as a Shared Molecular Signature of Primary Gliomas and Parkinson's Disease: Plasma Levels Are Increased Only in Glioma Patients. *Brain sciences*, 16(4).

Song Y, et al. (2026) MiR-5100 promotes the malignant phenotype of triple-negative breast cancer cells by targeting SMAD4 and predicts poor prognosis. *World journal of surgical oncology*, 24(1).

Zhao D, et al. (2026) Dynamic development of muscle during embryogenesis in Arbor Acres broilers and TaoYuan chickens revealed by RNA sequencing. *BMC genomics*, 27(1).

Zhang J, et al. (2026) Alternative Polyadenylation Drives Runaway Pro-Inflammatory Macrophages in Periodontitis by Enabling Escape From miRNA Repression. *Cell proliferation*, 59(6), e70156.

Wang Z, et al. (2026) A pseudouridine-related prognostic model of colorectal cancer based on single-cell sequencing analysis and transcriptome analysis. *Scientific reports*, 16(1), 4735.

Ma R, et al. (2026) CircACLY regulates proliferation, differentiation, and apoptosis of Jingyuan chicken myoblasts by sponging gga-miR-6660-3P. *Journal of animal science*, 104.

Allegra A, et al. (2026) Proteome and miRNAs Expression in Medication-Related Osteonecrosis of the Jaw. *International journal of molecular sciences*, 27(11).

Jiang K, et al. (2026) Targeting Osteoporosis-Osteoarthritis Comorbidity: Multi-Omics Identification of SON and Exploration of Therapeutic Agents. *International journal of molecular sciences*, 27(11).

Zhu Q, et al. (2026) Investigating the role of lncRNA SNHG14 in early diagnosis and prognosis of acute pancreatitis: a bioinformatics exploration. *Hereditas*, 163(1).

Huang J, et al. (2026) Integrated multi-omics and single-cell analysis reveals CDKN2A-mediated cuproptosis mechanisms driving thyroid carcinoma progression. *NPJ systems biology and applications*, 12(1).

Yan Y, et al. (2026) The identification of RNA splicing aberrations and their potential regulatory network in Chinese non-small cell lung cancer. *Respiratory research*, 27(1).

Min J, et al. (2026) Extracellular vesicles from alveolar macrophages promotes pulmonary fibrosis through suppression of lung alveolar regeneration. *Journal of nanobiotechnology*, 24(1), 147.

Zhao X, et al. (2026) Identification and validation of mitochondrial metabolism-related biomarkers in coronary heart disease. *Medicine*, 105(7), e47595.

Liang Z, et al. (2026) Exosomal circ0000549 promotes MNNG-induced gastric cancer through miR-15b-5p/KIF1B. *International journal of molecular medicine*, 57(5).

Hoke GD, et al. (2026) Folinic Acid Improves Healing of Diabetic Foot Ulcers. *Wound repair and regeneration* : official publication of the Wound Healing Society [and] the European Tissue Repair Society, 34(2), e70141.