

# Resource Summary Report

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## [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:** 20260905T132648+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 [PRECISE-TBI](#) .

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.

Liu Y, et al. (2026) Diagnostic and prognostic value of LINC00278 in patients with severe pneumonia and its regulatory role. *Journal of inflammation (London, England)*, 23(1), 3.

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

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).

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.

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.

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.

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).

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).

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).

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.

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

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.

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).

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).

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 $\beta$ -induced MAPK signaling. *Cell transplantation*, 35, 9636897261440426.

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).