Resource Summary Report

Generated by RRID on May 17, 2025

<u>mirDIP</u>

RRID:SCR_016770 Type: Tool

Proper Citation

mirDIP (RRID:SCR_016770)

Resource Information

URL: http://ophid.utoronto.ca/mirDIP/

Proper Citation: mirDIP (RRID:SCR_016770)

Description: microRNA data integration portal to find microRNAs that target a gene, or genes targeted by a microRNA, in Homo sapiens. Software to integrate prediction databases to elucidate accurate microRNA:target relationships. Used for human microRNA prediction studies.

Synonyms: mirDIP 4.1, mirDIP, microRNA Data Integration Portal

Resource Type: database, data or information resource, portal

Defining Citation: PMID:29194489

Keywords: data, integral, portal, DIP, collect, predict, microRNA, gene, human

Funding: Krembil Foundation ; Ontario Research Fund ; Canadian Cancer Society Research Institute ; Natural Sciences Research Council ; Canada Foundation for Innovation

Availability: Free, Download available, Freely available, email address required to download, Acknowledgement requested

Resource Name: mirDIP

Resource ID: SCR_016770

Record Creation Time: 20220129T080332+0000

Record Last Update: 20250517T060306+0000

Ratings and Alerts

No rating or validation information has been found for mirDIP.

No alerts have been found for mirDIP.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 174 mentions in open access literature.

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

Lucafò M, et al. (2025) Neuron-Derived Extracellular Vesicles miRNA Profiles Identify Children Who Experience Adverse Events after Ketamine Administration for Procedural Sedation. Clinical pharmacology and therapeutics, 117(1), 174.

Zhang M, et al. (2024) Circular RNA HMGCS1 sponges MIR4521 to aggravate type 2 diabetes-induced vascular endothelial dysfunction. eLife, 13.

Qian H, et al. (2024) Construction of Immune-Related circRNA-miRNA-mRNA Network and Identification of circRNAs as Biomarkers in Coronary Atherosclerotic Heart Disease. Current issues in molecular biology, 46(11), 12914.

Wang X, et al. (2024) Identifying the protective effects of miR-874-3p/ATF3 axis in intervertebral disc degeneration by single-cell RNA sequencing and validation. Journal of cellular and molecular medicine, 28(12), e18492.

Hu X, et al. (2024) Estrogen-mediated DNMT1 and DNMT3A recruitment by EZH2 silences miR-570-3p that contributes to papillary thyroid malignancy through DPP4. Clinical epigenetics, 16(1), 81.

Dou R, et al. (2024) The GJB3 correlates with the prognosis, immune cell infiltration, and therapeutic responses in lung adenocarcinoma. Open medicine (Warsaw, Poland), 19(1), 20240974.

Peng D, et al. (2024) Circ_BBS9 as an early diagnostic biomarker for lung adenocarcinoma: direct interaction with IFIT3 in the modulation of tumor immune microenvironment. Frontiers in immunology, 15, 1344954.

Chen Y, et al. (2024) Hypoxia-related IncRNA correlates with prognosis and immune microenvironment in uveal melanoma. Cancer cell international, 24(1), 336.

Jing D, et al. (2024) miR-548az-5p induces amniotic epithelial cell senescence by regulating KATNAL1 expression in labor. Scientific reports, 14(1), 30380.

Lu W, et al. (2024) IFN-? enhances the therapeutic efficacy of MSCs-derived exosome via miR-126-3p in diabetic wound healing by targeting SPRED1. Journal of diabetes, 16(1), e13465.

Long SW, et al. (2024) Identification of osteoporosis ferroptosis-related markers and potential therapeutic compounds based on bioinformatics methods and molecular docking technology. BMC medical genomics, 17(1), 99.

Li X, et al. (2023) Mesenchymal stem cell-derived extracellular vesicles transfer miR-598 to inhibit the growth and metastasis of non-small-cell lung cancer by targeting THBS2. Cell death discovery, 9(1), 3.

Song M, et al. (2023) miR-6742-5p regulates the invasion and migration of lung adenocarcinoma cells via mediating FGF8/ERK12/MMP9/MMP2 signaling pathway. Aging, 15(1), 53.

Ramos BRA, et al. (2023) Circulating Extracellular Vesicles microRNAs Are Altered in Women Undergoing Preterm Birth. International journal of molecular sciences, 24(6).

Zhang M, et al. (2023) A novel cuproptosis-related gene signature to predict prognosis in Glioma. BMC cancer, 23(1), 237.

Deng X, et al. (2023) Pan-Cancer Analysis and Experimental Validation of SOX4 as a Potential Diagnosis, Prognosis, and Immunotherapy Biomarker. Cancers, 15(21).

Liu Y, et al. (2023) RASGRP2 is a potential immune-related biomarker and regulates mitochondrial-dependent apoptosis in lung adenocarcinoma. Frontiers in immunology, 14, 1100231.

Lodge R, et al. (2023) MicroRNA-25/93 induction by Vpu as a mechanism for counteracting MARCH1-restriction on HIV-1 infectivity in macrophages. mBio, 14(5), e0195023.

Yan K, et al. (2023) MicroRNA-125a-5p regulates the effect of Tregs on Th1 and Th17 through targeting ETS-1/STAT3 in psoriasis. Journal of translational medicine, 21(1), 678.

Loganathan T, et al. (2023) Non-coding RNAs in human health and disease: potential function as biomarkers and therapeutic targets. Functional & integrative genomics, 23(1), 33.