Resource Summary Report

Generated by kravitz2 on Jul 31, 2026

mirDIP

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: data or information resource, database, 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: 20260729T044427+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 187 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Sun W, et al. (2026) Targeting of CIRP attenuates osteoarthritis progression via suppressing TLR4/NF??B/NLRP3 signaling axis. International journal of molecular medicine, 57(1).

Kyriacou C, et al. (2025) Maternal plasma microRNAs as potential biomarkers for triaging pregnancies of unknown location and ectopic pregnancy diagnosis. Non-coding RNA research, 13, 162.

Do?an B, et al. (2025) Candidate Biomarkers Associated With Circulating Tumor Cell Status in Metastatic Colorectal Cancer. Journal of clinical laboratory analysis, 39(7), e70013.

Pei Y, et al. (2025) Integrated analysis reveals key circRNA-mediated regulatory axes related to prognosis and immune infiltration in lung adenocarcinoma. BMC medical genomics, 18(1), 115.

Panahi-Moghadam S, et al. (2025) Dual functions of the ?Np63-miR-141-3p-YAP1 regulatory axis in cervical cancer progression are dependent on histological subtype. Scientific reports, 15(1), 23155.

Li R, et al. (2025) Evaluating the value of circulating miR-21, miR-210 and miR-942 in the diagnosis of early-stage lung adenocarcinoma. BMC cancer, 25(1), 1887.

Wu Y, et al. (2025) Study on identification and analysis of biomarkers related to neutrophils extracellular traps in childhood asthma. Medicine, 104(31), e43489.

Xiao Y, et al. (2025) POU2F1 inhibits miR-29b1/a cluster-mediated suppression of PIK3R1 and PIK3R3 expression to regulate gastric cancer cell invasion and migration. Chinese medical journal, 138(7), 838.

Liu RC, et al. (2025) Charged multivesicular body protein 4C promotes the progression of cervical cancer through the HPV E6/miR?543 axis. Oncology letters, 29(6), 275.

Agasso L, et al. (2025) Ohno-miRNAs: miRNA pairs derived from whole-genome duplication. PLoS computational biology, 21(12), e1013766.

Ran S, et al. (2025) Single-cell and bulk transcriptomics reveal Fusobacterium nucleatum promotes colorectal cancer metastasis by upregulating LAMC2 in in vitro and in vivo models. Scientific reports, 15(1), 42100.

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.

Li M, et al. (2025) SLC43A2-mediated immune cell infiltration: a potential therapeutic target in acute myeloid leukemia. Frontiers in immunology, 16, 1655766.

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.

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.

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

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.

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.

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