

Resource Summary Report

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[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, portal, database

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: 20260817T040558+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 229 mentions in open access literature.

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

Zou X, et al. (2026) Down-regulation of circ0001361 induces apoptosis and suppresses the progression of glioma. PloS one, 21(4), e0343681.

Mahemuti M, et al. (2026) Exploring hub genes related to adipocytokines in keloids: a combined analysis integrating single-cell, Mendelian randomization and bulk transcriptome data with experimental verification. Frontiers in molecular biosciences, 13, 1740876.

Xu S, et al. (2026) Identification of the IL-1 β /miRNA-326 axis as a key regulator of ferroptosis in spinal cord injury. BMC neuroscience, 27(1).

Wu E, et al. (2026) The exosomal miR-26b-3p derived from Crohn's disease-associated mesenteric adipose tissue induces M1 macrophage polarization and exacerbates ileocolonic anastomosis inflammation via the p38-MAPK signaling pathway. Frontiers in immunology, 17, 1754302.

Sun W, et al. (2026) Targeting of C1RP attenuates osteoarthritis progression via suppressing TLR4/NF κ B/NLRP3 signaling axis. International journal of molecular medicine, 57(1).

Jin A, et al. (2026) 3'-phosphoadenosine 5'-phosphosulfate synthetase 2 (PAPSS2) is a potential diagnostic and prognostic biomarker in colon adenocarcinoma. Scientific reports, 16(1), 5655.

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.

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.

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

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.

Panahi-Moghadam S, et al. (2025) Dual functions of the p53-miR-141-3p-YAP1 regulatory axis in cervical cancer progression are dependent on histological subtype. *Scientific reports*, 15(1), 23155.

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.

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.

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

Du L, et al. (2025) Downregulated Expression of miR-200c-3p in Plasma Exosome as a Potential Biomarker in Takayasu's Arteritis. *International journal of molecular sciences*, 26(7).

Ning S, et al. (2025) LINC00968 accelerates osteogenic differentiation of bone marrow mesenchymal stem cells via the miR-17-5p/STAT3 axis. *Journal of orthopaedic surgery and research*, 20(1), 242.

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

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

Lin J, et al. (2025) Orphan Class A GPCRs Signature Predicts Prognosis and Immune Microenvironment in Gastric Cancer: GPR176 Drives Tumor Progression Through Wnt Signaling and Macrophage Polarization. *Mediators of inflammation*, 2025, 7977933.