

Resource Summary Report

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miRmap

RRID:SCR_016508

Type: Tool

Proper Citation

miRmap (RRID:SCR_016508)

Resource Information

URL: <https://mirmap.ezlab.org/>

Proper Citation: miRmap (RRID:SCR_016508)

Description: Software application as an open source Python library to search and predict miRNA targets.

Resource Type: software toolkit, software application, software resource, software library, data analytics software

Defining Citation: [PMID:23034802](#)

Keywords: search, predict, miRNA, target

Funding: Swiss National Science Foundation ;
Swiss Institute of Bioinformatics

Availability: Free, Available for download, Freely available, Tutorial available

Resource Name: miRmap

Resource ID: SCR_016508

Alternate URLs: <http://cegg.unige.ch/mirmap>

License: GNU GPL

Record Creation Time: 20220129T080331+0000

Record Last Update: 20260801T042759+0000

Ratings and Alerts

No rating or validation information has been found for miRmap.

No alerts have been found for miRmap.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 171 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Piccioni M, et al. (2025) miRNA-503 inhibition exerts anticancer effects and reduces tumor growth in mesothelioma. Journal of experimental & clinical cancer research : CR, 44(1), 65.

Ding B, et al. (2025) Resveratrol contributes to NK cell-mediated breast cancer cytotoxicity by upregulating ULBP2 through miR-17-5p downmodulation and activation of MINK1/JNK/c-Jun signaling. Frontiers in immunology, 16, 1515605.

Frydas A, et al. (2025) Investigation of the role of miRNA variants in neurodegenerative brain diseases. Frontiers in genetics, 16, 1506169.

Zhang J, et al. (2025) Helicobacter pylori induced miR-362-5p upregulation drives gastric cancer progression and links hepatocellular carcinoma through an exosome-dependent pathway. Frontiers in cellular and infection microbiology, 15, 1582131.

Feng L, et al. (2025) Transcriptomic insights into the mechanism of action of telomere-related biomarkers in rheumatoid arthritis. Frontiers in immunology, 16, 1585895.

Cheng J, et al. (2025) MiR- 146b-5p inhibits Candida albicans-induced inflammatory response through targeting HMGB1 in mouse primary peritoneal macrophages. Heliyon, 11(1), e41464.

Hu Y, et al. (2025) Induction of necroptosis in lung adenocarcinoma by miR-10b-5p through modulation of the PKP3/RIPK3/MLKL cascade. Oncology reports, 53(5).

Shao MT, et al. (2025) ZWINT down-regulated by miR-495-3p inhibited lung metastasis of breast cancer by blocking p38 MAPK signaling pathway activation. Human cell, 38(6), 170.

Li S, et al. (2025) Atlas of expression of acyl CoA binding protein/diazepam binding inhibitor (ACBP/DBI) in human and mouse. Cell death & disease, 16(1), 134.

Wang H, et al. (2025) Sevoflurane: A dual modulator of miR-211-5p and mitochondrial apoptosis in glioma therapy. Molecular medicine reports, 32(1).

Sun A, et al. (2025) miR-199a-5p inhibits malignant progression and enhances cisplatin sensitivity of nasopharyngeal carcinoma by targeting SLC1A5. *Brazilian journal of otorhinolaryngology*, 92(2), 101739.

Xue C, et al. (2025) Unraveling the mechanism of curcumin in coronary slow flow phenomenon through network pharmacology and molecular docking. *Scientific reports*, 15(1), 44551.

Shi S, et al. (2025) CircEPDR1 regulates proliferation and differentiation of goat skeletal muscle satellite cells through miR-345-3p/Akirin1 axis. *Animal bioscience*, 38(8), 1605.

Jayaprakash JP, et al. (2025) METTL3 promotes oral squamous cell carcinoma by regulating miR-146a-5p/SMAD4 axis. *Oncotarget*, 16, 291.

Yue X, et al. (2025) Increased expression of RIPOR1 predicts the poor prognosis of colorectal cancer patients. *Translational cancer research*, 14(5), 2707.

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.

Dooley SA, et al. (2025) The Molecular Motor Myosin 5B and Its Folding Chaperone UNC45A Are Decreased in Colorectal Cancer. *Cellular and molecular gastroenterology and hepatology*, 19(9), 101537.

Liu FF, et al. (2025) The Abnormal ER-miRNA Cross-Talk in AD-Affected Human Hippocampus: A Bioinformatics Perspective. *Molecular neurobiology*, 62(6), 7998.

Kolipaka R, et al. (2025) MicroRNA-4327 regulates TGF- β 1 stimulation of matrix metalloproteinase-13 expression via CREB-binding protein-mediated Runx2 acetylation in human osteoblasts. *Experimental and therapeutic medicine*, 29(1), 20.

Ren X, et al. (2024) m6A/m1A/m5C-Associated Methylation Alterations and Immune Profile in MDD. *Molecular neurobiology*, 61(10), 8000.