

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 resource, software library, data analytics software, software application

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: 20260803T040724+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 [ASWG](#).

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.

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.

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

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

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.

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.

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

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.

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

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.

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

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.

Panahi-Moghadam S, et al. (2025) Dual functions of the p63-miR-141-3p-YAP1 regulatory axis in cervical cancer progression are dependent on histological subtype. *Scientific reports*, 15(1), 23155.

Naik D, et al. (2024) MicroRNA-mediated epigenetic regulation of HDAC8 and HDAC6: Functional significance in cervical cancer. *Non-coding RNA research*, 9(3), 732.