

# Resource Summary Report

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## DIANA microT-CDS

RRID:SCR\_016510

Type: Tool

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### Proper Citation

DIANA microT-CDS (RRID:SCR\_016510)

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### Resource Information

**URL:** [http://diana.imis.athena-innovation.gr/DianaTools/index.php?r=microT\\_CDS/index](http://diana.imis.athena-innovation.gr/DianaTools/index.php?r=microT_CDS/index)

**Proper Citation:** DIANA microT-CDS (RRID:SCR\_016510)

**Description:** Software tool to search for the targets of annotated miRNAs based on microT-CDS algorithm.

**Resource Type:** data analysis software, data analytics software, data processing software, software application, software resource

**Keywords:** search, target, annotated, miRNA, recognition, element

**Funding:** the European Social Fund (ESF) and National Resources ; the Greek General Secretariat for Research and Technology

**Availability:** Free, Available for download

**Resource Name:** DIANA microT-CDS

**Resource ID:** SCR\_016510

**Record Creation Time:** 20220129T080331+0000

**Record Last Update:** 20260912T195840+0000

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### Ratings and Alerts

No rating or validation information has been found for DIANA microT-CDS.

No alerts have been found for DIANA microT-CDS.

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### Data and Source Information

## Usage and Citation Metrics

We found 28 mentions in open access literature.

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

Gierlikowski W, et al. (2025) MicroRNAs and Their Inhibition in Modulating SLC5A8 Expression in the Context of Papillary Thyroid Carcinoma. International journal of molecular sciences, 26(16).

Li S, et al. (2025) Genome-wide analysis of TMEM38 family revealed functional roles of TMEM38B in fat deposition and its miRNA-mediated regulation in chicken. Poultry science, 104(11), 105694.

Alemi M, et al. (2025) Suppression of mTOR Signaling by miR-302/367 Cluster in Breast Cancer Cells. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(16), e70943.

Amirmahani F, et al. (2023) The LncRNA MIAT is identified as a regulator of stemness-associated transcript in glioma. Molecular biology reports, 50(1), 517.

Zhang J, et al. (2022) Long non-coding RNA linc00921 suppresses tumorigenesis and epithelial-to-mesenchymal transition of triple-negative breast cancer via targeting miR-9-5p/LZTS2 axis. Human cell, 35(3), 909.

Bao X, et al. (2021) Sevoflurane inhibits progression of glioma via regulating the HMMR antisense RNA 1/microRNA-7/cyclin dependent kinase 4 axis. Bioengineered, 12(1), 7893.

Feng M, et al. (2021) Circ\_0020093 ameliorates IL-1 $\beta$ -induced apoptosis and extracellular matrix degradation of human chondrocytes by upregulating SPRY1 via targeting miR-23b. Molecular and cellular biochemistry, 476(10), 3623.

Zhang JP, et al. (2021) Propofol attenuates lung ischemia/reperfusion injury through the involvement of the MALAT1/microRNA-144/GSK3 $\beta$  axis. Molecular medicine (Cambridge, Mass.), 27(1), 77.

Li W, et al. (2021) Intermittent hypoxia-induced downregulation of microRNA-320b promotes lung cancer tumorigenesis by increasing CDT1 via USP37. Molecular therapy. Nucleic acids, 24, 528.

Gierlikowski W, et al. (2021) MiR-181a-5p Regulates NIS Expression in Papillary Thyroid Carcinoma. International journal of molecular sciences, 22(11).

Cheng Z, et al. (2021) KLF5 activates lncRNA DANCR and inhibits cancer cell autophagy accelerating gastric cancer progression. NPJ genomic medicine, 6(1), 75.

Yan J, et al. (2021) MicroRNA-624-mediated ARRDC3/YAP/HIF1 $\alpha$  axis enhances esophageal squamous cell carcinoma cell resistance to cisplatin and paclitaxel. Bioengineered, 12(1), 5334.

Mandal S, et al. (2021) Inhibition of breast cancer stem-like cells by a triterpenoid, ursolic acid, via activation of Wnt antagonist, sFRP4 and suppression of miRNA-499a-5p. *Life sciences*, 265, 118854.

Salah SMM, et al. (2020) Dysregulation in the expression of (lncRNA-TSIX, TP53INP2 mRNA, miRNA-1283) in spinal cord injury. *Genomics*, 112(5), 3315.

Gou X, et al. (2020) microRNA-128 mediates CB1 expression and regulates NF-KB/p-JNK axis to influence the occurrence of diabetic bladder disease. *Journal of translational medicine*, 18(1), 284.

Malkani S, et al. (2020) Circulating miRNA Spaceflight Signature Reveals Targets for Countermeasure Development. *Cell reports*, 33(10), 108448.

Tian WH, et al. (2019) miR-34a-5p Increases Hepatic Triglycerides and Total Cholesterol Levels by Regulating ACSL1 Protein Expression in Laying Hens. *International journal of molecular sciences*, 20(18).

Ota H, et al. (2019) Identification of the X-linked germ cell specific miRNAs (XmiRs) and their functions. *PloS one*, 14(2), e0211739.

Berardino BG, et al. (2019) Exposure to enriched environment rescues anxiety-like behavior and miRNA deregulated expression induced by perinatal malnutrition while altering oligodendrocyte morphology. *Neuroscience*, 408, 115.

Carofino BL, et al. (2019) Head and neck squamous cancer progression is marked by CLIC4 attenuation in tumor epithelium and reciprocal stromal upregulation of miR-142-3p, a novel post-transcriptional regulator of CLIC4. *Oncotarget*, 10(68), 7251.