

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 28, 2026

TargetMiner

RRID:SCR_010573

Type: Tool

Proper Citation

TargetMiner (RRID:SCR_010573)

Resource Information

URL: http://www.isical.ac.in/~bioinfo_miu/targetminer20.htm

Proper Citation: TargetMiner (RRID:SCR_010573)

Description: A robust tool for microRNA target prediction with systematic identification of negative examples.

Abbreviations: TargetMiner

Resource Type: service resource, data analysis service, analysis service resource, software resource, production service resource

Availability: Free for academic use

Resource Name: TargetMiner

Resource ID: SCR_010573

Alternate IDs: OMICS_00419

Record Creation Time: 20220129T080259+0000

Record Last Update: 20260728T043348+0000

Ratings and Alerts

No rating or validation information has been found for TargetMiner.

No alerts have been found for TargetMiner.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 84 mentions in open access literature.

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

Du Y, et al. (2025) Unraveling enhanced liver regeneration in ALPPS: Integrating multi-omics profiling and in vivo CRISPR in mouse models. *Hepatology communications*, 9(3).

Lin S, et al. (2025) Predicting microRNA target genes using pan-cancer correlation patterns. *BMC genomics*, 26(1), 77.

Liu C, et al. (2025) High Glucose-Induced Senescent Fibroblasts-Derived Exosomal miR-497 Inhibits Wound Healing by Regulating Endothelial Cellular Autophagy via ATG13. *Analytical cellular pathology (Amsterdam)*, 2025, 8890200.

Xu J, et al. (2024) Correlation analysis of disulfidptosis-related gene signatures with clinical prognosis and immunotherapy response in sarcoma. *Scientific reports*, 14(1), 7158.

Nelson HM, et al. (2024) Transfer of miR-100 and miR-125b increases 3D growth and invasiveness in recipient cancer cells. *Extracellular vesicles and circulating nucleic acids*, 5(3), 397.

Chen M, et al. (2024) miRSNP rs188493331: A key player in genetic control of microRNA-induced pathway activation in hypertrophic scars and keloids. *Skin research and technology : official journal of International Society for Bioengineering and the Skin (ISBS) [and] International Society for Digital Imaging of Skin (ISDIS) [and] International Society for Skin Imaging (ISSI)*, 30(5), e13686.

An Z, et al. (2024) Enhanced expression of miR-20a driven by nanog exacerbated the degradation of extracellular matrix in thoracic aortic dissection. *Non-coding RNA research*, 9(4), 1040.

Zheng S, et al. (2023) Extracellular shuttling miR-21 contributes to esophageal cancers and human umbilical vein endothelial cell communication in the tumor microenvironment and promotes tumor angiogenesis by targeting phosphatase and tensinhomolog. *Thoracic cancer*, 14(31), 3119.

Li X, et al. (2023) Integrative pan-cancer analysis of cuproplasia-associated genes for the genomic and clinical characterization of 33 tumors. *Chinese medical journal*, 136(21), 2621.

Liu S, et al. (2023) Identification of hub genes associated with spermatogenesis by bioinformatics analysis. *Scientific reports*, 13(1), 18435.

Li Q, et al. (2023) Identification of macrophage-related genes in sepsis-induced ARDS using bioinformatics and machine learning. *Scientific reports*, 13(1), 9876.

Han X, et al. (2023) Machine learning developed a PI3K/Akt pathway-related signature for predicting prognosis and drug sensitivity in ovarian cancer. *Aging*, 15(20), 11162.

- Huang X, et al. (2023) Identification of basement membrane-related biomarkers associated with the diagnosis of osteoarthritis based on machine learning. *BMC medical genomics*, 16(1), 198.
- Lin JJ, et al. (2023) Antitumor activity of miR-188-3p in gastric cancer is achieved by targeting CBL expression and inactivating the AKT/mTOR signaling. *World journal of gastrointestinal oncology*, 15(8), 1384.
- Tu B, et al. (2022) Identification of a five-miRNA signature as a novel potential prognostic biomarker in patients with nasopharyngeal carcinoma. *Hereditas*, 159(1), 3.
- Ying TH, et al. (2022) Angelol-A exerts anti-metastatic and anti-angiogenic effects on human cervical carcinoma cells by modulating the phosphorylated-ERK/miR-29a-3p that targets the MMP2/VEGFA axis. *Life sciences*, 296, 120317.
- Sui S, et al. (2022) The biological behavior of tRNA-derived fragment tRF-Leu-AAG in pancreatic cancer cells. *Bioengineered*, 13(4), 10617.
- Waterbury JS, et al. (2022) The PCOS GWAS Candidate Gene ZNF217 Influences Theca Cell Expression of DENND1A.V2, CYP17A1, and Androgen Production. *Journal of the Endocrine Society*, 6(7), bvac078.
- Andrews MC, et al. (2022) Multi-modal molecular programs regulate melanoma cell state. *Nature communications*, 13(1), 4000.
- Zhang H, et al. (2021) Hypoxia regulates overall mRNA homeostasis by inducing Met1-linked linear ubiquitination of AGO2 in cancer cells. *Nature communications*, 12(1), 5416.