Resource Summary Report

Generated by Kravitz on Sep 10, 2026

TarBase

RRID:SCR_010841
Type: Tool

Proper Citation

TarBase (RRID:SCR_010841)

Resource Information

URL: http://diana.imis.athena-innovation.gr/DianaTools/index.php?r=tarbase/index

Proper Citation: TarBase (RRID:SCR_010841)

Description: Manually curated database of experimentally supported animal microRNA targets. Collection of experimentally supported miRNA gene interactions.

Abbreviations: DIANA-TarBase

Synonyms: DIANA-TarBase v7.0, DIANA-TarBase v.8, DIANA-TarBase v.6

Resource Type: data or information resource, database, service resource

Defining Citation: PMID:22135297, PMID:29156006

Keywords: mirna-gene interaction

Funding: Fondation Santé Grant ;
General Secretariat of Research and Technology ;
Greece Grant ;
Hellenic Foundation for Research and Innovation ;
IKY Foundation

Availability: Restricted

Resource Name: TarBase

Resource ID: SCR_010841

Alternate IDs: OMICS_00397

Alternate URLs: http://carolina.imis.athena-innovation.gr/diana_tools/web/index.php?r=tarbasev8%2Findex/

Record Creation Time: 20220129T080301+0000

Record Last Update: 20260905T133200+0000

Ratings and Alerts

No rating or validation information has been found for TarBase.

No alerts have been found for TarBase.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 869 mentions in open access literature.

Listed below are recent publications. The full list is available at Kravitz .

Xiaoqiang W, et al. (2026) The Biomarkers and Underlying Mechanisms of Mitochondrial and Programmed Cell Death Related Genes in Epilepsy by Combining Transcriptome and Single-Cell Sequencing. Journal of Korean Neurosurgical Society, 69(2), 196.

Casalone E, et al. (2026) Integration of short non coding RNA and genetic factors for coronary artery disease risk prediction in a prospective study. Scientific reports, 16(1).

Jiang H, et al. (2026) Identification and validation of energy metabolism-related genes in diabetic kidney disease through integrated bioinformatics and in vivo analysis. Hereditas, 163(1).

Ting W, et al. (2026) Identification of NF-?B pathway-related biomarkers in myocardial ischemia-reperfusion injury: based on transcriptomics analysis and RT-qPCR validation. Scientific reports, 16(1).

Matboli M, et al. (2026) Role of SFTPD/miR-335-5p/lnc-HNRNPUL2 axis in colorectal cancer: in silico characterization and clinical validation. BMC cancer, 26(1).

Hu X, et al. (2026) Identification and Validation of MTFP1 as a Mitochondrial Target Restoring Dynamics and ECM Remodeling in Acute Myocardial Infarction. Current issues in molecular biology, 48(3).

Wu Z, et al. (2026) Integrated NEK7-inflammasome and platelet transcriptomic signature generates mechanistic hypotheses in heart failure. PloS one, 21(6), e0352124.

Yang R, et al. (2026) Exploring and Validating the Molecular Mechanisms Linking Fatty Acid Metabolism and Sarcopenia. IET systems biology, 20(1), e70052.

Sethi A, et al. (2026) Ovine bone graft enhances osteogenic commitment in human osteoblasts via selective suppression of miR-6797-5p: In silico and in vitro study. Journal

of oral biology and craniofacial research, 16(2), 101424.

Moon N, et al. (2026) Sperm sncRNA networks are synchronized by a coordination between adverse childhood experiences (ACE) and current stress. Scientific reports, 16(1).

Vardas ?P, et al. (2026) Circulating miR-10b-5p as a candidate biomarker of atrial fibrillation recurrence after catheter ablation: a two-phase translational study. Europace : European pacing, arrhythmias, and cardiac electrophysiology : journal of the working groups on cardiac pacing, arrhythmias, and cardiac cellular electrophysiology of the European Society of Cardiology, 28(5).

Meng P, et al. (2026) The inhibitors of miR-224-5p, miR-339-5p, and miR-1198-5p improve auditory function by promoting the expression of neuritin in hearing loss mice. PloS one, 21(5), e0349821.

Shrestha A, et al. (2026) Sperm RNA landscape during sexual maturation in Duroc boars. BMC genomics, 27(1), 197.

Sun CY, et al. (2026) Translational evaluation of BUB1B as a precision medicine biomarker for hepatocellular carcinoma. Scientific reports, 16(1), 5301.

Penning A, et al. (2026) microRNA-132 attenuates inflammation in induced pluripotent stem cell-derived microglia from Alzheimer's disease patients. Acta neuropathologica communications, 14(1).

Xu M, et al. (2026) Identification of key miRNAs and target genes in psoriasis vulgaris and obesity co-morbidity. European journal of medical research, 31(1), 247.

Westholm E, et al. (2026) Dynamic changes in circulating microRNAs during oral glucose tolerance testing support their potential as diagnostic and monitoring biomarkers in cystic fibrosis-related diabetes. Diabetologia, 69(5), 1370.

Li X, et al. (2026) Identification and Validation of FOXK1-Related Biomarkers in Diabetic Retinopathy. International journal of general medicine, 19, 581708.

Islam MS, et al. (2026) In-silico identification of genetic variants associated with chronic lymphocytic leukemia for diagnostic and therapeutic applications. Scientific reports, 16(1).

You T, et al. (2026) Hypoxia-Mediated Downregulation of Exosomal miR-128-3p Promotes Lymphangiogenesis via VEGF-C in Oral Squamous Cell Carcinoma. International journal of dentistry, 2026, 3514074.