

Resource Summary Report

Generated by [ASWG](#) on Aug 3, 2026

TransmiR

RRID:SCR_017499

Type: Tool

Proper Citation

TransmiR (RRID:SCR_017499)

Resource Information

URL: <http://www.cuilab.cn/transmir>

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Description: Collection of transcription factor microRNA regulations. TransmiR v2.0 manually curated TF-miRNA regulations from publications during 2013-2017 and included ChIP-seq-derived TF-miRNA regulation data.

Synonyms: TransmiR v2.0

Resource Type: data or information resource, database

Keywords: Transcription, factor, miRNA, regulation, manually, curated, TF-miRNA, ChIPseq, derived, TF-miRNA, data, bio.tools, FASEB list

Availability: Restricted

Resource Name: TransmiR

Resource ID: SCR_017499

Alternate IDs: biotools:transmir

Alternate URLs: <https://bio.tools/transmir/>

Record Creation Time: 20220129T080335+0000

Record Last Update: 20260804T043704+0000

Ratings and Alerts

No rating or validation information has been found for TransmiR.

No alerts have been found for TransmiR.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 90 mentions in open access literature.

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

He L, et al. (2025) Identification of hub genes related to DNA damage response in asthma via combinative bioinformatics strategy. The Journal of international medical research, 53(4), 3000605251332204.

Liang M, et al. (2025) TransmiR v3.0: an updated transcription factor-microRNA regulation database. Nucleic acids research, 53(D1), D318.

Battaglia R, et al. (2025) Up-regulated microRNAs in blastocoel fluid of human implanted embryos could control circuits of pluripotency and be related to embryo competence. Journal of assisted reproduction and genetics, 42(5), 1635.

Niu J, et al. (2025) Development of a Mitochondrial Permeability Transition-Driven Necrosis-Related Prognostic Signature in Cervical Cancer: Integrating Bulk Transcriptomic and Single-Cell Data. Cancer medicine, 14(15), e71094.

Pellicciari CR, et al. (2025) The Use of miRNA Panel as a Growth Plate Marker of Short-Term Response to GH. Clinical endocrinology, 103(3), 327.

Cihan M, et al. (2025) Unveiling cell-type-specific microRNA networks through alternative polyadenylation in glioblastoma. BMC biology, 23(1), 15.

Kanli A, et al. (2025) Potential Common Molecular Mechanisms Between Periodontitis and Prostate Cancer: A Network Analysis of Differentially Expressed miRNAs. In vivo (Athens, Greece), 39(2), 795.

Yuan M, et al. (2025) Exploring molecular and modular insights into space ionizing radiation effects through heterogeneous gene regulatory networks. NPJ microgravity, 11(1), 44.

Maltseva D, et al. (2025) CD44 knockdown alters miRNA expression and their target genes in colon cancer. Frontiers in immunology, 16, 1552665.

Guo W, et al. (2025) ATF1 and miR-27b-3p drive intervertebral disc degeneration through the PPARG/NF- κ B signaling axis. Communications biology, 8(1), 751.

Cao Y, et al. (2025) ATF1 regulates MAL2 expression through inhibition of miR-630 to mediate the EMT process that promotes cervical cancer cell development and metastasis. Journal of gynecologic oncology, 36(1), e11.

Sunnetci-Akkoyunlu D, et al. (2025) Identification of Common miRNAs Differentially Expressed in Periodontitis and Pancreatic Cancer. In vivo (Athens, Greece), 39(3), 1422.

Wu J, et al. (2025) Induction of CXCL8 by endoplasmic reticulum stress promotes migration and invasion of esophageal squamous cell carcinoma through activation of SMAD2/3. *Molecular medicine reports*, 32(6).

Zhou H, et al. (2024) NF- κ B factors cooperate with Su(Hw)/E4F1 to balance *Drosophila*/human immune responses via modulating dynamic expression of miR-210. *Nucleic acids research*, 52(12), 6906.

Karamveer , et al. (2024) Approaches for Benchmarking Single-Cell Gene Regulatory Network Methods. *Bioinformatics and biology insights*, 18, 11779322241287120.

Zhang Z, et al. (2024) Regulatory network analysis based on integrated miRNA-TF reveals key genes in heart failure. *Scientific reports*, 14(1), 13896.

Han S, et al. (2024) α -Hederin promotes ferroptosis and reverses cisplatin chemoresistance in non-small cell lung cancer. *Aging*, 16(2), 1298.

Liu X, et al. (2024) Hypoxia-induced epigenetic regulation of miR-485-3p promotes stemness and chemoresistance in pancreatic ductal adenocarcinoma via SLC7A11-mediated ferroptosis. *Cell death discovery*, 10(1), 262.

Zhang Y, et al. (2024) NCAPD3 exerts tumor-promoting effects in prostatic cancer via dual impact on miR-30a-5p by STAT3-MALAT1 and MYC. *Cell death discovery*, 10(1), 159.

Ma C, et al. (2024) In search of the ratio of miRNA expression as robust biomarkers for constructing stable diagnostic models among multi-center data. *Frontiers in genetics*, 15, 1381917.