

# Resource Summary Report

Generated by SPARC SAWG on Aug 7, 2026

## TransmiR

RRID:SCR\_017499

Type: Tool

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### Proper Citation

TransmiR (RRID:SCR\_017499)

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### Resource Information

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

**Proper Citation:** TransmiR (RRID:SCR\_017499)

**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:** database, data or information resource

**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:** 20260807T042908+0000

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### 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 123 mentions in open access literature.

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

Li W, et al. (2026) Hyaluronic acid and folic acid-modified mesoporous silica nanoparticles delivering sulforaphane suppress NSCLC via SPI1/miR-616-5p axis. *iScience*, 29(7), 116293.

Xu M, et al. (2026) Multi-omics profiling reveals epidermal growth factor as a potential biomarker and therapeutic target in lupus nephritis and ANCA-associated vasculitis with rapidly progressive glomerulonephritis. *PloS one*, 21(5), e0349307.

Nurdinov N, et al. (2026) miR-484 sensitizes in IDH-wild and IDH-mutant glioblastoma cells to temozolomide by inhibiting oncogenic FOXM1 signaling. *Cancer cell international*, 26(1).

Qiu S, et al. (2026) EGR1/miR-4306/MAT2A axis aggravates pyroptosis and extracellular matrix degradation of nucleus pulposus cells in intervertebral disc degeneration. *Cell biology and toxicology*, 42(1), 37.

Xu S, et al. (2026) Identification of the IL-1 $\beta$ /miRNA-326 axis as a key regulator of ferroptosis in spinal cord injury. *BMC neuroscience*, 27(1).

Li Q, et al. (2026) Identification of Th17 Cell-Associated Biomarkers and Their Potential Regulatory Mechanisms in Chronic Obstructive Pulmonary Disease Through Integrated Bioinformatics Analysis and Machine Learning. *International journal of chronic obstructive pulmonary disease*, 21, 596649.

Zhang J, et al. (2025) An unfolded protein response (UPR)-signature regulated by the NFKB-miR-29b/c axis fosters tumor aggressiveness and poor survival in bladder cancer. *Frontiers in molecular biosciences*, 12, 1542650.

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.

Tang L, et al. (2025) Transcription factor GTF2I regulates osteoclast differentiation through mediating miR-134-5p and MAT2A expressions. *Journal of cell communication and signaling*, 19(2), e70010.

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.

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

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.

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.

Li L, et al. (2025) Shared Genes and Pathways in Ulcerative Colitis and Ankylosing Spondylitis: Functional Validation and Implications for Diagnosis. *Journal of inflammation research*, 18, 1657.

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.

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.

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

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

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.