# Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 17, 2025

## TAPIR: target prediction for plant microRNAs

RRID:SCR_000237
Type: Tool

### Proper Citation

TAPIR: target prediction for plant microRNAs (RRID:SCR_000237)

### Resource Information

**URL:** http://bioinformatics.psb.ugent.be/webtools/tapir/

**Proper Citation:** TAPIR: target prediction for plant microRNAs (RRID:SCR_000237)

**Description:** Web server designed for prediction of plant microRNA targets.

**Abbreviations:** TAPIR

**Defining Citation:** PMID:20430753

**Keywords:** prediction of plant microRNA targets, microrna, target, fasta, bio.tools

**Funding:**

**Resource Name:** TAPIR: target prediction for plant microRNAs

**Resource ID:** SCR_000237

**Alternate IDs:** biotools:tapir, OMICS_04004

**Alternate URLs:** https://bio.tools/tapir

**Record Creation Time:** 20220129T080200+0000

**Record Last Update:** 20250410T064531+0000

### Ratings and Alerts

No rating or validation information has been found for TAPIR: target prediction for plant microRNAs.

No alerts have been found for TAPIR: target prediction for plant microRNAs.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 10 mentions in open access literature.

**Listed below are recent publications.** The full list is available at FDI Lab - SciCrunch.org.


Sanan-Mishra N, et al. (2018) ARMOUR - A Rice miRNA: mRNA Interaction Resource. Frontiers in plant science, 9, 602.

Natarajan B, et al. (2018) MiRNA160 is associated with local defense and systemic acquired resistance against Phytophthora infestans infection in potato. Journal of experimental botany, 69(8), 2023.

Wang J, et al. (2017) Non-coding RNAs and Their Roles in Stress Response in Plants. Genomics, proteomics & bioinformatics, 15(5), 301.

Djami-Tchatchou AT, et al. (2017) Functional Roles of microRNAs in Agronomically Important Plants-Potential as Targets for Crop Improvement and Protection. Frontiers in plant science, 8, 378.

Shriram V, et al. (2016) MicroRNAs As Potential Targets for Abiotic Stress Tolerance in Plants. Frontiers in plant science, 7, 817.

Zhang H, et al. (2016) Genome-wide identification and functional prediction of novel and fungi-responsive lincRNAs in Triticum aestivum. BMC genomics, 17, 238.

Mueth NA, et al. (2015) Small RNAs from the wheat stripe rust fungus (Puccinia striiformis f.sp. tritici). BMC genomics, 16(1), 718.

Tripathi A, et al. (2015) Role of bioinformatics in establishing microRNAs as modulators of abiotic stress responses: the new revolution. Frontiers in physiology, 6, 286.

Tarver JE, et al. (2015) microRNAs and the evolution of complex multicellularity: identification of a large, diverse complement of microRNAs in the brown alga Ectocarpus. Nucleic acids research, 43(13), 6384.

Ding J, et al. (2012) Finding microRNA targets in plants: current status and perspectives. Genomics, proteomics & bioinformatics, 10(5), 264.