

Resource Summary Report

Generated by SPARC SAWG on Sep 15, 2026

BCmicrO

RRID:SCR_010838

Type: Tool

Proper Citation

BCmicrO (RRID:SCR_010838)

Resource Information

URL: http://compgenomics.utsa.edu/gene/gene_1.php

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Description: A Bayesian decision fusion algorithm for microRNA target prediction that combines the prediction of TargetScan, miRanda, PicTar, mirTarget, PITA, and DianamicroT. Users enter a Ref_seq ID for a query target gene and select a miRNA, which BCmicrO will use in its predictive algorithm. The prediction results can then be downloaded.

Abbreviations: BCmicrO

Resource Type: software resource, web application

Keywords: mirna, microrna, bayesian, decision fusion algorithm, computational target prediction algorithm, web application,

Availability: Public

Resource Name: BCmicrO

Resource ID: SCR_010838

Alternate IDs: OMICS_00393

Record Creation Time: 20220129T080301+0000

Record Last Update: 20260912T195724+0000

Ratings and Alerts

No rating or validation information has been found for BCmicrO.

No alerts have been found for BCmicrO.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Zhai Z, et al. (2025) Identification of CircRNAs that promote cancer and their potential contribution to hepatocellular carcinoma (HCC) pathogenesis. Clinical and experimental medicine, 25(1), 60.

Timechko EE, et al. (2025) Plasma Biomarkers of Mitochondrial Dysfunction in Patients with Myasthenia Gravis. Medical sciences (Basel, Switzerland), 13(3).

Causin RL, et al. (2024) EV-miRNAs from breast cancer patients of plasma as potential prognostic biomarkers of disease recurrence. Heliyon, 10(14), e33933.

Xu Z, et al. (2023) Up-Regulation of microRNA-424 Causes an Imbalance in AKT Phosphorylation and Impairs Enteric Neural Crest Cell Migration in Hirschsprung Disease. International journal of molecular sciences, 24(7).

Manian M, et al. (2021) An Integrated Bioinformatics Analysis of the Potential Regulatory Effects of miR-21 on T-cell Related Target Genes in Multiple Sclerosis. Avicenna journal of medical biotechnology, 13(3), 149.

Choudhari JK, et al. (2021) Investigation of MicroRNA and transcription factor mediated regulatory network for silicosis using systems biology approach. Scientific reports, 11(1), 1265.

Moushi A, et al. (2020) MicroRNAs in ascending thoracic aortic aneurysms. Bioscience reports, 40(7).

Zhao Y, et al. (2017) Memory retrieval in addiction: a role for miR-105-mediated regulation of D1 receptors in mPFC neurons projecting to the basolateral amygdala. BMC biology, 15(1), 128.