Resource Summary Report

Generated by Kravitz on Sep 18, 2026

PMTED

RRID:SCR_010854
Type: Tool

Proper Citation

PMTED (RRID:SCR_010854)

Resource Information

URL: http://pmted.agrinome.org/

Proper Citation: PMTED (RRID:SCR_010854)

Description: A Plant MicroRNA Target Expression Database to study the microRNA (miRNA) functions by inferring their target gene expression profiles among the large amount of existing microarray data. You may also predict your miRNA targets and retrieve their microarray expression data.

Abbreviations: PMTED

Synonyms: Plant MicroRNA Target Expression Database

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

Keywords: gene expression, target, bioprocess, microrna, condition

Funding: National High-tech Development Plan 863 Program

Resource Name: PMTED

Resource ID: SCR_010854

Alternate IDs: OMICS_00413

Record Creation Time: 20220129T080301+0000

Record Last Update: 20260912T195724+0000

Ratings and Alerts

No rating or validation information has been found for PMTED.

No alerts have been found for PMTED.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Kumar D, et al. (2024) RiceMetaSys: Drought-miR, a one-stop solution for drought responsive miRNAs-mRNA module in rice. Database : the journal of biological databases and curation, 2024.

Patil S, et al. (2021) MicroRNA-mediated bioengineering for climate-resilience in crops. Bioengineered, 12(2), 10430.

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

Nigam D, et al. (2015) Synergistic regulatory networks mediated by microRNAs and transcription factors under drought, heat and salt stresses in Oryza Sativa spp. Gene, 555(2), 127.

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.

Sun X, et al. (2013) PMTED: a plant microRNA target expression database. BMC bioinformatics, 14, 174.