Resource Summary Report

Generated by nidm-terms on Aug 12, 2026

MedicCyc

RRID:SCR_007774
Type: Tool

Proper Citation

MedicCyc (RRID:SCR_007774)

Resource Information

URL: http://pathway.gramene.org/gramene/mediccyc.shtml

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Description: A catalog of known and/or predicted biochemical pathways from barrelclover (Medicago trunculata). It features more than 240 pathways with related genes, enzymes, and metabolites. MedicCyc was assembled based on over 225,000 Medicago truncatula ESTs and available genomic sequences. This is a mirror database kindly provided by the MedicCyc group from the SR Nobel Foundation. The initial compilation was manually annotated to remove non plant pathways, and several Medicago-specific pathways including isoflavonoid, lignin, and saponin biosyntheses were modified or added based on available literature. Predicted pathways and annotations in MedicCyc were then verified through comparison with AraCyc and RiceCyc database. MedicCyc can be used as a reference for the study of primary and secondary metabolism of Medicago truncatula as well as for other legume species.

Abbreviations: MedicCyc

Resource Type: data or information resource, database

Defining Citation: PMID:17344243

Resource Name: MedicCyc

Resource ID: SCR_007774

Alternate IDs: nif-0000-03107

Record Creation Time: 20220129T080243+0000

Record Last Update: 20260811T043315+0000

Ratings and Alerts

No rating or validation information has been found for MedicCyc.

No alerts have been found for MedicCyc.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Pfau T, et al. (2018) The intertwined metabolism during symbiotic nitrogen fixation elucidated by metabolic modelling. Scientific reports, 8(1), 12504.

Oellrich A, et al. (2015) An ontology approach to comparative phenomics in plants. Plant methods, 11, 10.