

Plant Metabolic Pathways

Search Options

This section in the Gramene databases is home for RiceCyc, MaizeCyc, BrachyCyc and SorghumCyc, the pathway databases for rice, maize, *Brachypodium*, and Sorghum. It also provides mirrors of pathway databases from *Arabidopsis*, tomato, potato, coffee, *Medicago*, *E. coli*, and the MetaCyc and PlantCyc reference databases. In addition to search and browse functions, the database allows users to find genes mapped to respective reactions and pathways and draw intraspecific comparisons between the pathways.

Pathways Browse and Other Options

Click on the species specific links such as **browse** to go through the list of pathways; **summary** to get a summarized overview. Click on the **more info** link to go to the respective pathway database.

Seek help and tutorials or browse frequently asked questions.

Overlay expression data on the cellular overview

RiceCyc ver 3.3

Oryza sativa japonica
Strain: Nipponbare

[Browse](#) | [Summary](#) | [More info](#)



AraCyc* ver 8.0

Arabidopsis thaliana
Strain: Columbia

[Browse](#) | [Summary](#) | [More info](#)



EcoCyc* ver 15.0

Escherichia coli
Strain: K-12 MG1655

[Browse](#) | [Summary](#) | [More info](#)

SorghumCyc ver 1.1

Sorghum bicolor
Strain: BTx623

[Browse](#) | [Summary](#) | [More info](#)



MediCyc* ver 1.0.1

Medicago truncatula, Barrelclover
Strain: n/a

[Browse](#) | [Summary](#) | [More info](#)



MetaCyc* ver 15.0

Reference Pathway Database
Strain: not applicable

[Browse](#) | [Summary](#) | [More info](#)



MaizeCyc ver 2.0.2

Zea mays
Strain: B73

[Browse](#) | [Summary](#) | [More info](#)



PoplarCyc* ver 3.0

Populus trichocarpa (and other *Populus* species and hybrids)
Strain: n/a

[Browse](#) | [Summary](#) | [More info](#)



PlantCyc* ver 5.0

Plant Metabolic Pathway Database
Strain: not applicable

[Browse](#) | [Summary](#) | [More info](#)



BrachyCyc ver 2.0

Brachypodium distachyon
Strain: Bd21

[Browse](#) | [Summary](#) | [More info](#)



PotatoCyc* ver 1.0.1.1

Solanum tuberosum, Potato
Strain: n/a

[Browse](#) | [Summary](#) | [More info](#)



Download to get a stand alone copy of the RiceCyc database

Links to summary overviews and detail information

CoffeaCyc* ver 1.1.1

Coffea canephora, Coffee
Strain: n/a

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A tool to validate the microarray probe IDs and their mapping to gene locus IDs

LycCyc* ver 2.0.1.1

Solanum lycopersicum, Tomato
Strain: n/a

[Browse](#) | [Summary](#) | [More info](#)



* Mirror database. Not curated by the Gramene database. Click on **more info** link for details.