Resource Summary Report

Generated by RRID on Apr 11, 2025

Arabidopsis Reactome

RRID:SCR_002063
Type: Tool

Proper Citation

Arabidopsis Reactome (RRID:SCR_002063)

Resource Information

URL: http://www.arabidopsisreactome.org

Proper Citation: Arabidopsis Reactome (RRID:SCR_002063)

Description: Curated database of core pathways and reactions in plant biology that covers biological pathways ranging from the basic processes of metabolism to high-level processes such as cell cycle regulation. While it is targeted at Arabidopsis pathways, it also includes many biological events from other plant species. This makes the database relevant to the large number of researchers who work on other plants. Arabidopsis Reactome currently contains both in-house curated pathways as well as imported pathways from AraCyc and KEGG databases. All the curated information is backed up by its provenance: either a literature citation or an electronic inference based on sequence similarity. Their ontology ensures that the various events are linked in an appropriate spatial and temporal context.

Synonyms: Arabidopsis Reactome - a curated knowledgebase of plant biological pathways

Resource Type: data or information resource, database

Keywords: pathway, reaction, biological process

Funding: European Union LSHG-CT-2006-037704

Resource Name: Arabidopsis Reactome

Resource ID: SCR_002063

Alternate IDs: nif-0000-20812

Record Creation Time: 20220129T080211+0000

Record Last Update: 20250410T064818+0000

Ratings and Alerts

No rating or validation information has been found for Arabidopsis Reactome.

No alerts have been found for Arabidopsis Reactome.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Curtis TY, et al. (2018) Construction of a network describing asparagine metabolism in plants and its application to the identification of genes affecting asparagine metabolism in wheat under drought and nutritional stress. Food and energy security, 7(1), e00126.

Higgins JA, et al. (2010) Comparative genomics of flowering time pathways using Brachypodium distachyon as a model for the temperate grasses. PloS one, 5(4), e10065.

Bauer-Mehren A, et al. (2009) Pathway databases and tools for their exploitation: benefits, current limitations and challenges. Molecular systems biology, 5, 290.