Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 11, 2025

BarleyBase

RRID:SCR_001946
Type: Tool

Proper Citation

BarleyBase (RRID:SCR_001946)

Resource Information

URL: http://www.barleybase.org/

Proper Citation: BarleyBase (RRID:SCR_001946)

Description: A MIAME/Plant-compliant and plant ontology enhanced expression database for Barley microarray data. It contains data from two Affymetrix genome arrays, Barley1 and Arabidopsis ATH1. Users can search based on experiment type, experimental factors, array design, or experimenter. They can also choose to browse lists of available data.

Synonyms: BarleyBase

Resource Type: data or information resource, database

Defining Citation: PMID:18287702

Keywords: arabidopsis ath1, barley, barley1, microarray, plant, plant pathogen

Funding:

Resource Name: BarleyBase

Resource ID: SCR_001946

Alternate IDs: nif-0000-02596

Record Creation Time: 20220129T080210+0000

Record Last Update: 20250410T064804+0000

Ratings and Alerts

No rating or validation information has been found for BarleyBase.

No alerts have been found for BarleyBase.

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 FDI Lab - SciCrunch.org.

Han M, et al. (2016) Identification of Nitrogen Use Efficiency Genes in Barley: Searching for QTLs Controlling Complex Physiological Traits. Frontiers in plant science, 7, 1587.

Cao F, et al. (2014) Genome-wide transcriptome and functional analysis of two contrasting genotypes reveals key genes for cadmium tolerance in barley. BMC genomics, 15(1), 611.

Tripet BP, et al. (2014) Structural and biochemical analysis of the Hordeum vulgare L. HvGR-RBP1 protein, a glycine-rich RNA-binding protein involved in the regulation of barley plant development and stress response. Biochemistry, 53(50), 7945.

Dwivany FM, et al. (2009) The CELLULOSE-SYNTHASE LIKE C (CSLC) family of barley includes members that are integral membrane proteins targeted to the plasma membrane. Molecular plant, 2(5), 1025.

Rostoks N, et al. (2005) Single-feature polymorphism discovery in the barley transcriptome. Genome biology, 6(6), R54.

Galperin MY, et al. (2005) The Molecular Biology Database Collection: 2005 update. Nucleic acids research, 33(Database issue), D5.