

Resource Summary Report

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RIKEN Arabidopsis Transposon mutants

RRID:SCR_003230

Type: Tool

Proper Citation

RIKEN Arabidopsis Transposon mutants (RRID:SCR_003230)

Resource Information

URL: <http://rarge.gsc.riken.go.jp/dsmutant/>

Proper Citation: RIKEN Arabidopsis Transposon mutants (RRID:SCR_003230)

Description: RIKEN Arabidopsis Transposon mutants is a series of mutant lines which have a Ds transposon in the genome of Arabidopsis thaliana Nossen ecotype (background by Fedoroff and Smith). This web page provides information on the mutants produced in our laboratory. Each mutant line is assigned by stipulated line codes (ex. 13-4480-1). We determined the flanking sequences of Ds insertion for each independent line. Transposon insertion sites of mutants were estimated by a BLASTN homology against the genome sequence database of Arabidopsis thaliana Columbia ecotype. The closest genes (predicted by AGI) to the transposon insertion sites were picked up. The results of the BLASTP homology search against the nr database of NCBI for the closest genes have been collected for keyword searches.

Abbreviations: RIKEN Arabidopsis Transposon mutants

Resource Type: data or information resource, database

Defining Citation: [PMID:15840642](#)

Keywords: gene, mutant, arabidopsis thaliana, transposon

Availability: Free, Freely available

Resource Name: RIKEN Arabidopsis Transposon mutants

Resource ID: SCR_003230

Alternate IDs: nif-0000-31394

Alternate URLs: <http://rarge-v2.psc.riken.jp/about/line>

Record Creation Time: 20220129T080217+0000

Record Last Update: 20260806T054348+0000

Ratings and Alerts

No rating or validation information has been found for RIKEN Arabidopsis Transposon mutants.

No alerts have been found for RIKEN Arabidopsis Transposon mutants.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.