

Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

RUBY-ABE#2

RRID:Addgene_232176

Type: Plasmid

Proper Citation

RRID:Addgene_232176

Plasmid Information

URL: <http://www.addgene.org/232176>

Proper Citation: RRID:Addgene_232176

Insert Name: 2x35s-ecTadA8e-SpCas9-D10A-AtU3-sgRNA-mis4-gRNA scaffold

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:40696509](#)

Vector Backbone Description: Vector Backbone:pYPQ166-ABE8e; Vector Types:Plant Expression, CRISPR; Bacterial Resistance:Kanamycin

Comments: The Addgene NGS result differs slightly from the depositor's provided sequence: 2bp and a 1bp indel in 2x35S promoter. The depositor notes that this is not of concern for the plasmid's function.

Plasmid Name: RUBY-ABE#2

Record Creation Time: 20250806T053258+0000

Record Last Update: 20260912T094428+0000

Ratings and Alerts

No rating or validation information has been found for RUBY-ABE#2.

No alerts have been found for RUBY-ABE#2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Sexton WK, et al. (2025) Seeing is believing: Genome editing made easy with RUBY for educational purposes. Plant physiology, 198(3).