

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

[pHEE401E](#)

RRID:Addgene_71287

Type: Plasmid

Proper Citation

RRID:Addgene_71287

Plasmid Information

URL: <http://www.addgene.org/71287>

Proper Citation: RRID:Addgene_71287

Insert Name: gRNA scaffold

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:26193878](#)

Vector Backbone Description: Vector Backbone:pCambia; Vector Types:Plant Expression, CRISPR, Plant binary vector; Bacterial Resistance:Kanamycin

Comments: Please see the cloning protocol attachments for detailed descriptions on how to insert sgRNA sequences into this plasmid.

Plasmid Name: pHEE401E

Record Creation Time: 20220422T222439+0000

Record Last Update: 20260815T081910+0000

Ratings and Alerts

No rating or validation information has been found for pHEE401E.

No alerts have been found for pHEE401E.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Fujii S, et al. (2023) SHI family transcription factors regulate an interspecific barrier. *Nature plants*, 9(11), 1862.

Hölzl G, et al. (2023) Ablation of glucosinolate accumulation in the oil crop *Camelina sativa* by targeted mutagenesis of genes encoding the transporters GTR1 and GTR2 and regulators of biosynthesis MYB28 and MYB29. *Plant biotechnology journal*, 21(1), 189.

Zhang Y, et al. (2021) CRISPR-Cas9 multiplex genome editing of the hydroxyproline-O-galactosyltransferase gene family alters arabinogalactan-protein glycosylation and function in *Arabidopsis*. *BMC plant biology*, 21(1), 16.

Ursache R, et al. (2021) Combined fluorescent seed selection and multiplex CRISPR/Cas9 assembly for fast generation of multiple *Arabidopsis* mutants. *Plant methods*, 17(1), 111.

Zhang Y, et al. (2020) Elucidating the roles of three β -glucuronosyltransferases (GLCATs) acting on arabinogalactan-proteins using a CRISPR-Cas9 multiplexing approach in *Arabidopsis*. *BMC plant biology*, 20(1), 221.

Lee K, et al. (2019) Activities and specificities of CRISPR/Cas9 and Cas12a nucleases for targeted mutagenesis in maize. *Plant biotechnology journal*, 17(2), 362.