

Resource Summary Report

Generated by [NIF](#) on Sep 19, 2026

[pKSEe401R](#)

RRID:Addgene_218532

Type: Plasmid

Proper Citation

RRID:Addgene_218532

Plasmid Information

URL: <http://www.addgene.org/218532>

Proper Citation: RRID:Addgene_218532

Bacterial Resistance: Kanamycin and Spectinomycin

Defining Citation: [PMID:38396652](#)

Vector Backbone Description: Backbone Marker:Qi-Jun Chen (Addgene plasmid # 62202); Backbone Size:18202; Vector Backbone:pKSE401; Vector Types:Plant Expression; Bacterial Resistance:Kanamycin and Spectinomycin

Comments: As pKSEe401R is the modified version of original pKSE401 [Xing et al., 2014. BMC Plant Biology 14: 1-12], it allows to construct vectors expressing ONLY one gRNA for gene targeting. You may use original pCBC-DT1T2, pCBC-DT2T3, and pCBC-DT3T4 (AddGene IDs: 50590, 50591, 50592, respectively) for construction two-, three-, or four-gRNA-expressing vectors.

Plasmid Name: pKSEe401R

Record Creation Time: 20250116T120818+0000

Record Last Update: 20260919T093524+0000

Ratings and Alerts

No rating or validation information has been found for pKSEe401R.

No alerts have been found for pKSEe401R.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.