Resource Summary Report

Generated by dkNET on Aug 19, 2026

pJET1.2-U6

RRID:Addgene_173157
Type: Plasmid

Proper Citation

RRID:Addgene_173157

Plasmid Information

URL: http://www.addgene.org/173157

Proper Citation: RRID:Addgene_173157

Insert Name: sgRNA cassette under U6 promoter

Organism: Arabidopsis thaliana

Bacterial Resistance: Ampicillin

Defining Citation: PMID:35022409

Vector Backbone Description: Backbone Marker:Thermo Scientific; Backbone Size:2974; Vector Backbone:pJet1.2; Vector Types:Plant Expression; Bacterial Resistance:Ampicillin

Comments: This vector was designed and constructed by Dr. Tomasz Bieluszewski. Detailed protocol for CRISPR/Cas9-based mutagenesis using this system in: Bieluszewski T, Szymanska-Lejman M, Dziegielewski W, Zhu L, Ziolkowski PA. Efficient Generation of CRISPR/Cas9-Based Mutants Supported by Fluorescent Seed Selection in Different Arabidopsis Accessions, in: Plant Gametogenesis: Methods and Protocols (ed. Christophe Lambing), Methods in Molecular Biology, vol. 2484. https://doi.org/10.1007/978-1-0716-2253-7_13 https://pubmed.ncbi.nlm.nih.gov/35461452/

Plasmid Name: pJET1.2-U6

Record Creation Time: 20220924T080218+0000

Record Last Update: 20260815T082346+0000

Ratings and Alerts

No rating or validation information has been found for pJET1.2-U6.

No alerts have been found for pJET1.2-U6.

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 dkNET .

Bieluszewski T, et al. (2022) Efficient Generation of CRISPR/Cas9-Based Mutants Supported by Fluorescent Seed Selection in Different Arabidopsis Accessions. Methods in molecular biology (Clifton, N.J.), 2484, 161.