

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

E1_pENTR_L1-L4_NI_G1333-DddtoxA-C

RRID:Addgene_171724

Type: Plasmid

Proper Citation

RRID:Addgene_171724

Plasmid Information

URL: <http://www.addgene.org/171724>

Proper Citation: RRID:Addgene_171724

Insert Name: C- and N-termini of TALEN, half of cytidine deaminase domain of dddA of Burkholderia cenocepacia, uracil glycosylase inhibitor

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:34211131](#)

Vector Backbone Description: Vector Backbone:PINII; Vector Types:Multisite Gateway entry vector; Bacterial Resistance:Kanamycin

Comments: Multisite Gateway entry vector to express one hand of pTALECD-UGI. Use Platinum Gate TALEN Kit (Kit # 1000000043) for assembly of TALE repeats, and use this plasmid in last step.

Plasmid Name: E1_pENTR_L1-L4_NI_G1333-DddtoxA-C

Record Creation Time: 20220422T221958+0000

Record Last Update: 20260808T081227+0000

Ratings and Alerts

No rating or validation information has been found for E1_pENTR_L1-L4_NI_G1333-DddtoxA-C.

No alerts have been found for E1_pENTR_L1-L4_NI_G1333-DddtoxA-C.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Nakazato I, et al. (2025) Resistance to the herbicide metribuzin conferred to *Arabidopsis thaliana* by targeted base editing of the chloroplast genome. *Plant biotechnology journal*, 23(1), 204.

Nakazato I, et al. (2025) Targeted C-to-T Base Editing in the *Arabidopsis* Plastid Genome. *Current protocols*, 5(1), e70075.