Resource Summary Report

Generated by dkNET on Aug 24, 2026

pU6-ccdB-boxB-tBE-V5-mA3

RRID:Addgene_171693
Type: Plasmid

Proper Citation

RRID:Addgene_171693

Plasmid Information

URL: http://www.addgene.org/171693

Proper Citation: RRID:Addgene_171693

Insert Name: ccdB-sgRNA scaffold-boxB-tBE-V5-mA3

Organism: Mus musculus

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: PMID:33972728

Vector Backbone Description: Vector Backbone:pEF1a; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: The tBE system with gRNA could be constructed by linearing pU6-ccdB-boxB-tBE-V5-mA3 (backbone vector of tBE system) and inserting the gRNA sequences amplificating from pUC57-sgRNA-MS2-U6. The detailed protocol could be found in Supplementary Protocol in the publication.

Plasmid Name: pU6-ccdB-boxB-tBE-V5-mA3

Record Creation Time: 20220422T221957+0000

Record Last Update: 20260815T081018+0000

Ratings and Alerts

No rating or validation information has been found for pU6-ccdB-boxB-tBE-V5-mA3.

No alerts have been found for pU6-ccdB-boxB-tBE-V5-mA3.

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 .

Chen B, et al. (2026) Engineered transformer base editor with unconstrained PAM requirements. Molecular therapy. Nucleic acids, 37(2), 102952.