

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

pUC57-sgRNA-MS2-U6

RRID:Addgene_171694

Type: Plasmid

Proper Citation

RRID:Addgene_171694

Plasmid Information

URL: <http://www.addgene.org/171694>

Proper Citation: RRID:Addgene_171694

Insert Name: sgRNA scaffold-MS2-U6

Organism: Other

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:33972728](#)

Vector Backbone Description: Vector Backbone:pUC57; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Kanamycin

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

Plasmid Name: pUC57-sgRNA-MS2-U6

Record Creation Time: 20220422T221957+0000

Record Last Update: 20260815T081020+0000

Ratings and Alerts

No rating or validation information has been found for pUC57-sgRNA-MS2-U6.

No alerts have been found for pUC57-sgRNA-MS2-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 [RRID](#) .

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