

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

pZmU3-gRNA

RRID:Addgene_53061

Type: Plasmid

Proper Citation

RRID:Addgene_53061

Plasmid Information

URL: <http://www.addgene.org/53061>

Proper Citation: RRID:Addgene_53061

Insert Name: zmU3 promoter - gRNA

Organism: maize (corn)

Bacterial Resistance: Ampicillin and Kanamycin

Defining Citation: [PMID:24576457](#)

Vector Backbone Description: Backbone Marker:Transgen; Backbone Size:3929; Vector Backbone:pEasy-blunt; Vector Types:CRISPR, Plant expression; Bacterial Resistance:Ampicillin and Kanamycin

Plasmid Name: pZmU3-gRNA

Record Creation Time: 20220422T222311+0000

Record Last Update: 20260725T074826+0000

Ratings and Alerts

No rating or validation information has been found for pZmU3-gRNA.

No alerts have been found for pZmU3-gRNA.

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 [NIF](#) .

Nagy B, et al. (2023) CRISPR/Cas9 Mutagenesis through Introducing a Nanoparticle Complex Made of a Cationic Polymer and Nucleic Acids into Maize Protoplasts. International journal of molecular sciences, 24(22).