

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

pActin5c-CD-dCas9m4-UDI-attB

RRID:Addgene_104879

Type: Plasmid

Proper Citation

RRID:Addgene_104879

Plasmid Information

URL: <http://www.addgene.org/104879>

Proper Citation: RRID:Addgene_104879

Insert Name: CD-dCas9(m4)-UDI

Organism: Synthetic

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Port and Bullock; PNAS 2014; Vector Backbone:pActin5c-attB; Vector Types:Insect Expression, CRISPR; Bacterial Resistance:Ampicillin

Comments: MUTATOR variant of dCas9; Fusion of cytidine deamine-deactivatedCas9(with 4 mutations)-Uracil DNA glycosylase; will cause point mutations of target C->T (or G->A) based on gRNA used.

Plasmid Name: pActin5c-CD-dCas9m4-UDI-attB

Record Creation Time: 20220422T221509+0000

Record Last Update: 20260808T080337+0000

Ratings and Alerts

No rating or validation information has been found for pActin5c-CD-dCas9m4-UDI-attB.

No alerts have been found for pActin5c-CD-dCas9m4-UDI-attB.

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 [SPARC SAWG](#) .

Falo-Sanjuan J, et al. (2024) Targeted mutagenesis of specific genomic DNA sequences in animals for the in vivo generation of variant libraries. bioRxiv : the preprint server for biology.

Marr E, et al. (2021) Base Editing of Somatic Cells Using CRISPR-Cas9 in Drosophila. The CRISPR journal, 4(6), 836.