Resource Summary Report

Generated by nidm-terms on Aug 10, 2026

pMSCV-Cas9-2A-GFP-sgRNA

RRID:Addgene_124889
Type: Plasmid

Proper Citation

RRID:Addgene_124889

Plasmid Information

URL: http://www.addgene.org/124889

Proper Citation: RRID:Addgene_124889

Insert Name: Cas9

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: PMID:26969085

Vector Backbone Description: Backbone Size:3000; Vector Backbone:pMCSV; Vector Types:Retroviral; Bacterial Resistance:Ampicillin

Comments: Guide RNA to be cloned into BbsI site. Supplied modified golden-gate cloning method is required given that extra BbsI site is located within the 2A sequence. To design guide RNAs: -add ACCG to 5' end of positive strand (positive strand defined as strand which will contact PAM sequence at 3' end) -add AAAC to 5' end of negative strand

Plasmid Name: pMSCV-Cas9-2A-GFP-sgRNA

Record Creation Time: 20220422T221655+0000

Record Last Update: 20260808T080648+0000

Ratings and Alerts

No rating or validation information has been found for pMSCV-Cas9-2A-GFP-sgRNA.

No alerts have been found for pMSCV-Cas9-2A-GFP-sgRNA.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Le TA, et al. (2022) Efficient CRISPR-Cas9-mediated mutagenesis in primary human B cells for identifying plasma cell regulators. Molecular therapy. Nucleic acids, 30, 621.

Wesolowski R, et al. (2021) Myeloid transformation by MLL-ENL depends strictly on C/EBP. Life science alliance, 4(1).

Laffleur B, et al. (2021) Noncoding RNA processing by DIS3 regulates chromosomal architecture and somatic hypermutation in B cells. Nature genetics, 53(2), 230.