

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pX459-sg-CMV51

RRID:Addgene_179915

Type: Plasmid

Proper Citation

RRID:Addgene_179915

Plasmid Information

URL: <http://www.addgene.org/179915>

Proper Citation: RRID:Addgene_179915

Insert Name: CMV promoter sgRNA

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:35789697](#)

Vector Backbone Description: Backbone Marker:Dr. Feng Zhang Lab; Vector Backbone:pX459; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Comments: This plasmid was cloned with the one step BbsI restriction enzyme cloning method. Please note that gRNA sequences that do not start with a G, need a G added to the sequence before cloning for U6 promoter transcription.

Plasmid Name: pX459-sg-CMV51

Record Creation Time: 20220422T222032+0000

Record Last Update: 20260725T074347+0000

Ratings and Alerts

No rating or validation information has been found for pX459-sg-CMV51.

No alerts have been found for pX459-sg-CMV51.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.