

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

pCRISPR-dCas9

RRID:Addgene_125687

Type: Plasmid

Proper Citation

RRID:Addgene_125687

Plasmid Information

URL: <http://www.addgene.org/125687>

Proper Citation: RRID:Addgene_125687

Insert Name: streptomyces codon optimized spdCas9, sgRNA cassette

Organism: Other

Bacterial Resistance: Apramycin

Defining Citation: [PMID:25806970](#)

Vector Backbone Description: Backbone Size:6971; Vector Backbone:pGM1190; Vector Types:CRISPR, Synthetic Biology; Bacterial Resistance:Apramycin

Plasmid Name: pCRISPR-dCas9

Record Creation Time: 20220422T221658+0000

Record Last Update: 20260808T080655+0000

Ratings and Alerts

No rating or validation information has been found for pCRISPR-dCas9.

No alerts have been found for pCRISPR-dCas9.

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 [PRECISE-TBI](#) .

Otsuka R, et al. (2025) Identification of a critical gene involved in the biosynthesis of the polyene macrolide lavencidin in *Streptomyces lavendulae* FRI-5 using the Target-AID (activation-induced cytidine deaminase) base editing technology. *Applied and environmental microbiology*, 91(5), e0097524.

Tong Y, et al. (2020) CRISPR-Cas9, CRISPRi and CRISPR-BEST-mediated genetic manipulation in streptomycetes. *Nature protocols*, 15(8), 2470.