

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

pCRISPR-aBEST

RRID:Addgene_131464

Type: Plasmid

Proper Citation

RRID:Addgene_131464

Plasmid Information

URL: <http://www.addgene.org/131464>

Proper Citation: RRID:Addgene_131464

Insert Name: Streptomyces codon optimized spCas9n (D10A)

Organism: Synthetic

Bacterial Resistance: Apramycin

Defining Citation: [PMID:31548381](#)

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

Plasmid Name: pCRISPR-aBEST

Record Creation Time: 20220422T221729+0000

Record Last Update: 20260808T080749+0000

Ratings and Alerts

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

No alerts have been found for pCRISPR-aBEST.

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 [SPARC SAWG](#) .

Zhang Y, et al. (2024) Simultaneous multiplex genome loci editing of Halomonas bluephagenesis using an engineered CRISPR-guided base editor. Synthetic and systems biotechnology, 9(3), 586.

Prudence SMM, et al. (2020) Advances in actinomycete research: an ActinoBase review of 2019. Microbiology (Reading, England), 166(8), 683.

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