

# Resource Summary Report

Generated by [NIF](#) on Jul 30, 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:** 20260725T073817+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 [NIF](#) .

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.