Resource Summary Report

Generated by dkNET on Sep 7, 2026

pCRISPR-cBEST

RRID:Addgene_125689
Type: Plasmid

Proper Citation

RRID:Addgene_125689

Plasmid Information

URL: http://www.addgene.org/125689

Proper Citation: RRID:Addgene_125689

Insert Name: streptomyces codon optimized spCas9n (D10A), modified sgRNA casette, streptomyces codon optimized rAPOBEC1

Organism: Other

Bacterial Resistance: Apramycin

Defining Citation: PMID:31548381

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

Comments: Please visit https://www.biorxiv.org/content/10.1101/582403v1 for bioRxiv preprint.

Plasmid Name: pCRISPR-cBEST

Record Creation Time: 20220422T221658+0000

Record Last Update: 20260905T074640+0000

Ratings and Alerts

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

No alerts have been found for pCRISPR-cBEST.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Yan H, et al. (2025) A rational multi-target combination strategy for synergistic improvement of non-ribosomal peptide production. Nature communications, 16(1), 1883.

Lin H-C, et al. (2025) Highly efficient CRISPR-Cas9 base editing in Bifidobacterium with bypass of restriction modification systems. Applied and environmental microbiology, 91(4), e0198524.

Sun Y, et al. (2025) Application of multiple genomic-editing technologies in Streptomyces fungicidicus for improved enduracidin yield. Synthetic and systems biotechnology, 10(2), 564.

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.

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