

Resource Summary Report

Generated by [dkNET](#) on Sep 8, 2026

pCC_12 - hU6-BsmBI-sgRNA(E+F)-barcode-EFS-KRAB-dxCas9NG-NLS-2A-Puro-WPRE

RRID:Addgene_139097

Type: Plasmid

Proper Citation

RRID:Addgene_139097

Plasmid Information

URL: <http://www.addgene.org/139097>

Proper Citation: RRID:Addgene_139097

Insert Name: KRAB-dxCas9-NG

Organism: Staphylococcus pyogenes

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32130891](#)

Vector Backbone Description: Vector Backbone:lentiCRISPRv2; Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: pCC_12 - hU6-BsmBI-sgRNA(E+F)-barcode-EFS-KRAB-dxCas9NG-NLS-2A-Puro-WPRE

Relevant Mutation: D10A, H840A, A262T,R324L, S409I, E480K, E543D, M694I, L1111R, D1135V, G1218R, E1219F, A1322R, R1335V,T1337R

Record Creation Time: 20220422T221805+0000

Record Last Update: 20260905T074842+0000

Ratings and Alerts

No rating or validation information has been found for pCC_12 - hU6-BsmBI-sgRNA(E+F)-barcode-EFS-KRAB-dxCas9NG-NLS-2A-Puro-WPRE.

No alerts have been found for pCC_12 - hU6-BsmBI-sgRNA(E+F)-barcode-EFS-KRAB-dxCas9NG-NLS-2A-Puro-WPRE.

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 [dkNET](#) .

Xue D, et al. (2023) Functional interrogation of twenty type 2 diabetes-associated genes using isogenic hESC-derived β -like cells. bioRxiv : the preprint server for biology.

Xue D, et al. (2023) Functional interrogation of twenty type 2 diabetes-associated genes using isogenic human embryonic stem cell-derived β -like cells. Cell metabolism, 35(11), 1897.