

Resource Summary Report

Generated by [dkNET](#) on Sep 21, 2026

pCC_05 - hU6-BsmBI-sgRNA(E+F)-barcode-EFS-dCas9-NLS-VPR-2A-Puro-WPRE

RRID:Addgene_139090

Type: Plasmid

Proper Citation

RRID:Addgene_139090

Plasmid Information

URL: <http://www.addgene.org/139090>

Proper Citation: RRID:Addgene_139090

Insert Name: dSpCas9-VPR

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_05 - hU6-BsmBI-sgRNA(E+F)-barcode-EFS-dCas9-NLS-VPR-2A-Puro-WPRE

Relevant Mutation: D10A, H840A

Record Creation Time: 20220422T221805+0000

Record Last Update: 20260919T090959+0000

Ratings and Alerts

No rating or validation information has been found for pCC_05 - hU6-BsmBI-sgRNA(E+F)-barcode-EFS-dCas9-NLS-VPR-2A-Puro-WPRE.

No alerts have been found for pCC_05 - hU6-BsmBI-sgRNA(E+F)-barcode-EFS-dCas9-NLS-VPR-2A-Puro-WPRE.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Domingo J, et al. (2026) Nonlinear transcriptional responses to gradual modulation of transcription factor dosage. eLife, 13.

Chaudhary S, et al. (2025) Developmental pluripotency-associated 4 increases aggressiveness of pituitary neuroendocrine tumors by enhancing cell stemness. Neuro-oncology, 27(1), 123.

Domingo J, et al. (2024) Non-linear transcriptional responses to gradual modulation of transcription factor dosage. bioRxiv : the preprint server for biology.

Zhao Z, et al. (2023) The landscape of cryptic antisense transcription in human cancers reveals an oncogenic noncoding RNA in lung cancer. Science advances, 9(14), eadf3264.

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.

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.

Deryabin PI, et al. (2022) Stromal cell senescence contributes to impaired endometrial decidualization and defective interaction with trophoblast cells. Human reproduction (Oxford, England), 37(7), 1505.