

Resource Summary Report

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

Lenti-(BB)-EF1a-KRAB-dCas9-P2A-BlastR

RRID:Addgene_118154

Type: Plasmid

Proper Citation

RRID:Addgene_118154

Plasmid Information

URL: <http://www.addgene.org/118154>

Proper Citation: RRID:Addgene_118154

Insert Name: KRAB-dCas9-P2A-BlastR

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Feng Zhang (Addgene #52961); Vector Backbone:lentiCRISPRv2; Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Comments: We have also generated a version of this backbone with the hPGK promoter driving the expression of KRAB-dCas9. We advise users to test both backbones in their cell type of interest. Note: Plasmid contains a N1396S mutation in dCas9. This mutation is not known to affect plasmid function.

Plasmid Name: Lenti-(BB)-EF1a-KRAB-dCas9-P2A-BlastR

Relevant Mutation: See depositor comments below

Record Creation Time: 20220422T221618+0000

Record Last Update: 20260808T080542+0000

Ratings and Alerts

No rating or validation information has been found for Lenti-(BB)-EF1a-KRAB-dCas9-P2A-BlastR.

No alerts have been found for Lenti-(BB)-EF1a-KRAB-dCas9-P2A-BlastR.

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 [SPARC SAWG](#) .

Karnay A, et al. (2026) Transcription and cohesin direct domain boundary spatial positioning and are linked to Friedreich's ataxia. *Molecular cell*, 86(10), 1911.

McKenna JK, et al. (2025) The ubiquitin ligase HUWE1 enhances WNT signaling by antagonizing destruction complex-mediated β -catenin degradation and through a mechanism independent of changes in β -catenin abundance. *PLoS genetics*, 21(5), e1011677.

Cortolezzis Y, et al. (2025) Post-transcriptional control of KRAS: functional roles of 5'UTR RNA G-quadruplexes, long noncoding RNA, and hnRNPA1. *Nucleic acids research*, 53(17).

McKenna JK, et al. (2024) The ubiquitin ligase HUWE1 enhances WNT signaling by antagonizing destruction complex-mediated β -catenin degradation and through a mechanism independent of β -catenin stability. *bioRxiv : the preprint server for biology*.

Chapman G, et al. (2024) Defining cis-regulatory elements and transcription factors that control human cortical interneuron development. *iScience*, 27(6), 109967.

Manzo SG, et al. (2024) Chromatin protein complexes involved in gene repression in lamina-associated domains. *The EMBO journal*, 43(21), 5260.

Wang C, et al. (2023) Mechanosensitive accumulation of non-muscle myosin IIB during mitosis requires its translocation activity. *iScience*, 26(10), 107773.