

Resource Summary Report

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

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

RRID:Addgene_118155

Type: Plasmid

Proper Citation

RRID:Addgene_118155

Plasmid Information

URL: <http://www.addgene.org/118155>

Proper Citation: RRID:Addgene_118155

Insert Name: KRAB-dCas9-P2A-BlastR

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:31253982](#)

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 core EF1a promoter driving the expression of KRAB-dCas9. We advise users to test both backbones in their cell type of interest. In our experience this backbone yields better knockdown in liver and pancreatic beta cells. Please visit <https://www.biorxiv.org/content/early/2018/08/27/400291> for bioRxiv preprint. We have also made available plasmids to be used as negative controls, which contain non-human genome target sequences (BFP or EGFP). Please see Addgene #118161, #118162, #118163 and #118164. There is a third BsmBI site in the promoter region, which does not have an impact on the GoldenGate cloning. We recommend using the provided cloning protocol. Note: Plasmid contains a N1396S mutation in dCas9. This mutation is not known to affect plasmid function.

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

Record Creation Time: 20220422T221618+0000

Record Last Update: 20260808T080542+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.