

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

pKLV2-U6gRNA5(BbsI)-PGKpuro2AZsG-W

RRID:Addgene_67975

Type: Plasmid

Proper Citation

RRID:Addgene_67975

Plasmid Information

URL: <http://www.addgene.org/67975>

Proper Citation: RRID:Addgene_67975

Insert Name: U6gRNA cassette, PGKpuro2AZsG cassette, WPRE

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27760321](#)

Vector Backbone Description: Backbone Size:5783; Vector Backbone:pKLV2 lentiviral vector; Vector Types:Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pKLV2-U6gRNA5(BbsI)-PGKpuro2AZsG-W

Relevant Mutation: Deleted BbsI site within WPRE

Record Creation Time: 20220422T222424+0000

Record Last Update: 20260815T081839+0000

Ratings and Alerts

No rating or validation information has been found for pKLV2-U6gRNA5(BbsI)-PGKpuro2AZsG-W.

No alerts have been found for pKLV2-U6gRNA5(BbsI)-PGKpuro2AZsG-W.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Otero-Rosales M, et al. (2025) CDK7-targeted therapy effectively disrupts cell cycle progression and oncogenic signaling in head and neck cancer. *Signal transduction and targeted therapy*, 10(1), 363.

Xiong Y, et al. (2025) EXPERT expands prime editing efficiency and range of large fragment edits. *Nature communications*, 16(1), 1592.

Han X, et al. (2025) Enhancing Prime Editing Efficiency Through Modulation of Methylation on the Newly Synthesized DNA Strand and Prolonged Expression. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(17), e2417790.

Liu W, et al. (2024) CRISPR Screen Identifies the RNA-Binding Protein Eef1a1 as a Key Regulator of Myogenesis. *International journal of molecular sciences*, 25(9).

Leto SM, et al. (2024) XENTURION is a population-level multidimensional resource of xenografts and tumoroids from metastatic colorectal cancer patients. *Nature communications*, 15(1), 7495.

Pfeifer M, et al. (2024) Genome-wide CRISPR screens identify the YAP/TEAD axis as a driver of persister cells in EGFR mutant lung cancer. *Communications biology*, 7(1), 497.

Qin L, et al. (2023) Swine IFI6 confers antiviral effects against Japanese encephalitis virus in vitro and in vivo. *The Journal of general virology*, 104(4).

Noorani I, et al. (2020) PiggyBac mutagenesis and exome sequencing identify genetic driver landscapes and potential therapeutic targets of EGFR-mutant gliomas. *Genome biology*, 21(1), 181.

Schick S, et al. (2019) Systematic characterization of BAF mutations provides insights into intracomplex synthetic lethality in human cancers. *Nature genetics*, 51(9), 1399.