

Resource Summary Report

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

pKLV2-U6gRNA5(BbsI)-PGKpuro2AmCherry-W

RRID:Addgene_67977

Type: Plasmid

Proper Citation

RRID:Addgene_67977

Plasmid Information

URL: <http://www.addgene.org/67977>

Proper Citation: RRID:Addgene_67977

Insert Name: U6gRNA cassette, PGKpuro2AmCherry 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)-PGKpuro2AmCherry-W

Relevant Mutation: Deleted BbsI site within WPRE

Record Creation Time: 20220422T222424+0000

Record Last Update: 20260815T081844+0000

Ratings and Alerts

No rating or validation information has been found for pKLV2-U6gRNA5(BbsI)-PGKpuro2AmCherry-W.

No alerts have been found for pKLV2-U6gRNA5(BbsI)-PGKpuro2AmCherry-W.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Bolli E, et al. (2026) CCL3 is produced by aged neutrophils across cancers and promotes tumor growth. *Cancer cell*, 44(3), 624.

Burgold T, et al. (2025) A next-generation dual guide CRISPR system for genetic interaction library screening. *Nature communications*, 17(1), 561.

Tran NT, et al. (2024) In vivo CRISPR/Cas9-mediated screen reveals a critical function of TFDP1 and E2F4 transcription factors in hematopoiesis. *Leukemia*, 38(9), 2003.

Pallaseni A, et al. (2023) The interplay of DNA repair context with target sequence predictably biases Cas9-generated mutations. *bioRxiv : the preprint server for biology*.

Ford K, et al. (2023) Multimodal perturbation analyses of cyclin-dependent kinases reveal a network of synthetic lethalties associated with cell-cycle regulation and transcriptional regulation. *Scientific reports*, 13(1), 7678.

Bona N, et al. (2023) Fanconi anemia DNA crosslink repair factors protect against LINE-1 retrotransposition during mouse development. *Nature structural & molecular biology*, 30(10), 1434.

Thompson NA, et al. (2021) Combinatorial CRISPR screen identifies fitness effects of gene paralogues. *Nature communications*, 12(1), 1302.

Supper E, et al. (2021) Cut-like homeobox 1 (CUX1) tumor suppressor gene haploinsufficiency induces apoptosis evasion to sustain myeloid leukemia. *Nature communications*, 12(1), 2482.

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

Shi X, et al. (2018) Clonal expansion and myeloid leukemia progression modeled by multiplex gene editing of murine hematopoietic progenitor cells. *Experimental hematology*, 64, 33.