

Resource Summary Report

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

pKLV2-EF1a-BsdCas9-W

RRID:Addgene_67978

Type: Plasmid

Proper Citation

RRID:Addgene_67978

Plasmid Information

URL: <http://www.addgene.org/67978>

Proper Citation: RRID:Addgene_67978

Insert Name: EF1a-Cas9 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, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: pKLV2-EF1a-BsdCas9-W

Record Creation Time: 20220422T222424+0000

Record Last Update: 20260815T081839+0000

Ratings and Alerts

No rating or validation information has been found for pKLV2-EF1a-BsdCas9-W.

No alerts have been found for pKLV2-EF1a-BsdCas9-W.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Watterson A, et al. (2026) CRISPR screens in the context of immune selection identify CHD1 and MAP3K7 as mediators of cancer immunotherapy resistance. *Cell reports. Medicine*, 7(1), 102565.

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.

Zhang L, et al. (2024) SOD1 is a synthetic lethal target in PPM1D-mutant leukemia cells. *bioRxiv : the preprint server for biology*.

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.

Radford EJ, et al. (2023) Saturation genome editing of DDX3X clarifies pathogenicity of germline and somatic variation. *Nature communications*, 14(1), 7702.

Hojo H, et al. (2022) Runx2 regulates chromatin accessibility to direct the osteoblast program at neonatal stages. *Cell reports*, 40(10), 111315.

Jamal K, et al. (2022) Drug-gene Interaction Screens Coupled to Tumor Data Analyses Identify the Most Clinically Relevant Cancer Vulnerabilities Driving Sensitivity to PARP Inhibition. *Cancer research communications*, 2(10), 1244.

Rogers LC, et al. (2021) Intracellular arginine-dependent translation sensor reveals the dynamics of arginine starvation response and resistance in ASS1-negative cells. *Cancer & metabolism*, 9(1), 4.

Steinauer N, et al. (2020) The transcriptional corepressor CBFA2T3 inhibits all-trans-retinoic acid-induced myeloid gene expression and differentiation in acute myeloid leukemia. *The Journal of biological chemistry*, 295(27), 8887.

Watanabe K, et al. (2019) The Cep57-pericentrin module organizes PCM expansion and centriole engagement. *Nature communications*, 10(1), 931.

Yazawa R, et al. (2019) Establishment of a system for screening autophagic flux regulators using a modified fluorescent reporter and CRISPR/Cas9. *Biochemical and biophysical research communications*, 516(3), 686.

Allen F, et al. (2018) Predicting the mutations generated by repair of Cas9-induced double-strand breaks. *Nature biotechnology*.