Resource Summary Report

Generated by RRID on Sep 2, 2026

pLenti-U6-tdTomato-P2A-BlasR (LRT2B)

RRID:Addgene_110854
Type: Plasmid

Proper Citation

RRID:Addgene_110854

Plasmid Information

URL: http://www.addgene.org/110854

Proper Citation: RRID:Addgene_110854

Insert Name: sgRNA scaffold with spacer

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: PMID:29969439

Vector Backbone Description: Vector Backbone:Adapted from lentiCRISPRv1; Vector Types:Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pLenti-U6-tdTomato-P2A-BlasR (LRT2B)

Relevant Mutation: WT

Record Creation Time: 20220422T221539+0000

Record Last Update: 20260902T041203+0000

Ratings and Alerts

No rating or validation information has been found for pLenti-U6-tdTomato-P2A-BlasR (LRT2B).

No alerts have been found for pLenti-U6-tdTomato-P2A-BlasR (LRT2B).

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 15 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Alonso S, et al. (2026) Concurrent genetic and non-genetic resistance mechanisms to KRAS inhibition in colorectal cancer. Cancer cell, 44(7), 1368.

Song T, et al. (2025) EFCAB10 anchors AK8 to the radial spoke for proper ciliary motility. Proceedings of the National Academy of Sciences of the United States of America, 122(41), e2510243122.

Wang P, et al. (2025) A base editing platform for the correction of cancer driver mutations unmasks conserved p53 transcription programs. Genome biology, 26(1), 217.

Ladaika CA, et al. (2025) LSD1 and CoREST2 Potentiate STAT3 Activity to Promote Enteroendocrine Cell Differentiation in Mucinous Colorectal Cancer. Cancer research, 85(1), 52.

Alptekin B, et al. (2025) From glomalin to glomalose: unraveling the molecular identity of the MAb32B11 antigen. The New phytologist, 247(5), 2328.

Hanif SZ, et al. (2025) The Orphan G Protein-Coupled Receptor GPR52 is a Novel Regulator of Breast Cancer Multicellular Organization. bioRxiv : the preprint server for biology.

Ferrarone JR, et al. (2024) Genome-wide CRISPR screens in spheroid culture reveal that the tumor suppressor LKB1 inhibits growth via the PIKFYVE lipid kinase. Proceedings of the National Academy of Sciences of the United States of America, 121(21), e2403685121.

Ferrarone JR, et al. (2023) LKB1 suppresses growth and promotes the internalization of EGFR through the PIKFYVE lipid kinase. bioRxiv : the preprint server for biology.

Stein BD, et al. (2023) LKB1-Dependent Regulation of TPI1 Creates a Divergent Metabolic Liability between Human and Mouse Lung Adenocarcinoma. Cancer discovery, 13(4), 1002.

Ghobashi AH, et al. (2023) Activation of AKT induces EZH2-mediated ?-catenin trimethylation in colorectal cancer. iScience, 26(9), 107630.

Sayed S, et al. (2022) Efficient Correction of Oncogenic KRAS and TP53 Mutations through CRISPR Base Editing. Cancer research, 82(17), 3002.

Johnson FD, et al. (2022) Characterization of a small molecule inhibitor of disulfide reductases that induces oxidative stress and lethality in lung cancer cells. Cell reports, 38(6), 110343.

Sánchez-Rivera FJ, et al. (2022) Base editing sensor libraries for high-throughput engineering and functional analysis of cancer-associated single nucleotide variants. Nature biotechnology, 40(6), 862.

Sidorova OA, et al. (2022) RNAi-Mediated Screen of Primary AML Cells Nominates MDM4 as a Therapeutic Target in NK-AML with DNMT3A Mutations. Cells, 11(5).

Schatoff EM, et al. (2019) Base editing the mammalian genome. Methods (San Diego, Calif.), 164-165, 100.