

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 β -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.

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.

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.

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.