

# Resource Summary Report

Generated by [dkNET](#) on Aug 6, 2026

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

RRID:Addgene\_110854

Type: Plasmid

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### Proper Citation

RRID:Addgene\_110854

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### 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:** 20260801T075928+0000

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### 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).

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### Data and Source Information

**Source:** [Addgene](#)

## Usage and Citation Metrics

We found 14 mentions in open access literature.

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

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.

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

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.

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  $\beta$ -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.