

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

Lenti-sgNT/Cre

RRID:Addgene_66895

Type: Plasmid

Proper Citation

RRID:Addgene_66895

Plasmid Information

URL: <http://www.addgene.org/66895>

Proper Citation: RRID:Addgene_66895

Insert Name: sgNT

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:26178787](#)

Vector Backbone Description: Vector Backbone:pLL3.3; Vector Types:Mammalian Expression, Mouse Targeting, Lentiviral, Cre/Lox, CRISPR; Bacterial Resistance:Ampicillin

Comments: 20bp non-targeting sgRNA sequence obtained from Sanjana et al. Nat Methods. 2014 Aug;11(8):783-4. doi: 10.1038/nmeth.3047.

Plasmid Name: Lenti-sgNT/Cre

Record Creation Time: 20220422T222419+0000

Record Last Update: 20260725T075021+0000

Ratings and Alerts

No rating or validation information has been found for Lenti-sgNT/Cre.

No alerts have been found for Lenti-sgNT/Cre.

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 [NIF](#) .

Yan Y, et al. (2025) Splicing Shift of RAC1 Accelerates Tumorigenesis and Defines a Potent Therapeutic Target in Lung Cancer. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(33), e03322.

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.

Bao Y, et al. (2023) RBM10 Loss Promotes EGFR-Driven Lung Cancer and Confers Sensitivity to Spliceosome Inhibition. *Cancer research*, 83(9), 1490.

Xu N, et al. (2023) PUF60 promotes cell cycle and lung cancer progression by regulating alternative splicing of CDC25C. *Cell reports*, 42(9), 113041.

Vaishnavi A, et al. (2022) Transposon Mutagenesis Reveals RBMS3 Silencing as a Promoter of Malignant Progression of BRAFV600E-Driven Lung Tumorigenesis. *Cancer research*, 82(22), 4261.

Cao F, et al. (2022) Girdin Promotes Tumorigenesis and Chemoresistance in Lung Adenocarcinoma by Interacting with PKM2. *Cancers*, 14(22).

An HW, et al. (2022) The loss of epithelial Smad4 drives immune evasion via CXCL1 while displaying vulnerability to combinatorial immunotherapy in gastric cancer. *Cell reports*, 41(13), 111878.

Cai H, et al. (2021) A Functional Taxonomy of Tumor Suppression in Oncogenic KRAS-Driven Lung Cancer. *Cancer discovery*, 11(7), 1754.

Bieging-Rolett KT, et al. (2020) Zmat3 Is a Key Splicing Regulator in the p53 Tumor Suppression Program. *Molecular cell*, 80(3), 452.

Rogers ZN, et al. (2017) A quantitative and multiplexed approach to uncover the fitness landscape of tumor suppression in vivo. *Nature methods*, 14(7), 737.