

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

LRG2.1_Neo

RRID:Addgene_125593

Type: Plasmid

Proper Citation

RRID:Addgene_125593

Plasmid Information

URL: <http://www.addgene.org/125593>

Proper Citation: RRID:Addgene_125593

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:31697837](#)

Vector Backbone Description: Backbone Size:10000; Vector Backbone:LRG2.1; Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Comments: Please visit <https://www.biorxiv.org/content/10.1101/636969v1> for BioRxiv preprint

Plasmid Name: LRG2.1_Neo

Record Creation Time: 20220422T221658+0000

Record Last Update: 20260808T080654+0000

Ratings and Alerts

No rating or validation information has been found for LRG2.1_Neo.

No alerts have been found for LRG2.1_Neo.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Nigri J, et al. (2026) Myofibroblasts Induce Neuroplasticity to Promote Pancreatic Inflammation and Cancer Progression. *Cancer discovery*, 16(5), 1014.

Tonelli C, et al. (2025) FGFR2 Abrogation Intercepts Pancreatic Ductal Adenocarcinoma Development. *Cancer research*, 85(11), 1960.

Zhang P, et al. (2025) Systematic evaluation of GAPs and GEFs identifies a targetable dependency for hematopoietic malignancies. *Cancer discovery*.

Paul T, et al. (2024) The U1-70K and SRSF1 interaction is modulated by phosphorylation during the early stages of spliceosome assembly. *Protein science : a publication of the Protein Society*, 33(8), e5117.

Zhang L, et al. (2024) CRISPR screen of venetoclax response-associated genes identifies transcription factor ZNF740 as a key functional regulator. *Cell death & disease*, 15(8), 627.

Alpsoy A, et al. (2024) I?B? is a dual-use coactivator of NF-?B and POU transcription factors. *Molecular cell*, 84(6), 1149.

Hanley RP, et al. (2023) Discovery of a Potent and Selective Targeted NSD2 Degradar for the Reduction of H3K36me2. *Journal of the American Chemical Society*, 145(14), 8176.

Hur SK, et al. (2023) p73 activates transcriptional signatures of basal lineage identity and ciliogenesis in pancreatic ductal adenocarcinoma. *bioRxiv : the preprint server for biology*.

Wang J, et al. (2022) EZH2 noncanonically binds cMyc and p300 through a cryptic transactivation domain to mediate gene activation and promote oncogenesis. *Nature cell biology*, 24(3), 384.

Conway E, et al. (2021) BAP1 enhances Polycomb repression by counteracting widespread H2AK119ub1 deposition and chromatin condensation. *Molecular cell*, 81(17), 3526.

Xu C, et al. (2021) Cistrome analysis of YY1 uncovers a regulatory axis of YY1:BRD2/4-PFKP during tumorigenesis of advanced prostate cancer. *Nucleic acids research*, 49(9), 4971.

Somerville TDD, et al. (2020) ZBED2 is an antagonist of interferon regulatory factor 1 and modifies cell identity in pancreatic cancer. *Proceedings of the National Academy of Sciences of the United States of America*, 117(21), 11471.

Gier RA, et al. (2020) High-performance CRISPR-Cas12a genome editing for combinatorial genetic screening. *Nature communications*, 11(1), 3455.