

Resource Summary Report

Generated by [NIF](#) on Aug 11, 2026

pLenti PGK V5-LUC Neo (w623-2)

RRID:Addgene_21471

Type: Plasmid

Proper Citation

RRID:Addgene_21471

Plasmid Information

URL: <http://www.addgene.org/21471>

Proper Citation: RRID:Addgene_21471

Insert Name: V5-LUC

Organism: Firefly

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19657394](#)

Vector Backbone Description: Backbone Size:7334; Vector Backbone:p156RRL-sinPPT-CMV-GFP-PRE/Nhe I; Vector Types:Mammalian Expression, Lentiviral, Luciferase; Bacterial Resistance:Ampicillin

Plasmid Name: pLenti PGK V5-LUC Neo (w623-2)

Record Creation Time: 20220422T222055+0000

Record Last Update: 20260808T081409+0000

Ratings and Alerts

No rating or validation information has been found for pLenti PGK V5-LUC Neo (w623-2).

No alerts have been found for pLenti PGK V5-LUC Neo (w623-2).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 39 mentions in open access literature.

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

Gonzales F, et al. (2026) Surface CD81 supports leukemia stem cell function and reveals a therapeutic vulnerability in acute myeloid leukemia. *Signal transduction and targeted therapy*, 11(1).

Gu Y, et al. (2026) UHRF1 drives subtype-independent aggressiveness and immune evasion in small cell lung cancer through PRC2 interactions. *iScience*, 29(4), 115475.

Kaminaka R, et al. (2025) SOX10 Regulates Melanoma Metastasis Through the IRF1-ITGA3/EphA2-FAK Pathway. *Cancer science*.

Shen C, et al. (2025) ALKBH1 drives tumorigenesis and drug resistance via tRNA decoding reprogramming and codon-biased translation. *Cancer discovery*.

Menegakis A, et al. (2025) A novel lineage-tracing tool reveals that hypoxic tumor cells drive tumor relapse after radiotherapy. *Radiotherapy and oncology : journal of the European Society for Therapeutic Radiology and Oncology*, 202, 110592.

Chen Z, et al. (2025) YTHDF2 promotes ATP synthesis and immune evasion in B cell malignancies. *Cell*, 188(2), 331.

Nater M, et al. (2025) Hepatic iNKT cells facilitate colorectal cancer metastasis by inducing a fibrotic niche in the liver. *iScience*, 28(5), 112364.

Li N, et al. (2024) Synergistic suppression of ovarian cancer by combining NRF2 and GPX4 inhibitors: in vitro and in vivo evidence. *Journal of ovarian research*, 17(1), 49.

Zecchin D, et al. (2024) GNAQ/GNA11 Mosaicism Causes Aberrant Calcium Signaling Susceptible to Targeted Therapeutics. *The Journal of investigative dermatology*, 144(4), 811.

Lin J, et al. (2024) A Self-Powered Lactate Sensor Based on the Piezoelectric Effect for Assessing Tumor Development. *Sensors (Basel, Switzerland)*, 24(7).

Pascual-Pasto G, et al. (2024) CAR T-cell-mediated delivery of bispecific innate immune cell engagers for neuroblastoma. *Nature communications*, 15(1), 7141.

Wintjens AGWE, et al. (2023) Treating colorectal peritoneal metastases with an injectable cytostatic loaded supramolecular hydrogel in a rodent animal model. *Clinical & experimental metastasis*, 40(3), 243.

Polubothu S, et al. (2023) PTPN11 Mosaicism Causes a Spectrum of Pigmentary and Vascular Neurocutaneous Disorders and Predisposes to Melanoma. *The Journal of investigative dermatology*, 143(6), 1042.

Li N, et al. (2023) Antimicrobial peptides CS-piscidin-induced cell death involves activation of RIPK1/PARP, and modification with myristic acid enhances its stability and tumor-targeting capability. *Discover. Oncology*, 14(1), 38.

Potenza A, et al. (2023) Revealing and harnessing CD39 for the treatment of colorectal cancer and liver metastases by engineered T cells. *Gut*, 72(10), 1887.

Dufva O, et al. (2023) Single-cell functional genomics reveals determinants of sensitivity and resistance to natural killer cells in blood cancers. *Immunity*, 56(12), 2816.

Bae Y, et al. (2022) miRNA-34c Suppresses Osteosarcoma Progression In Vivo by Targeting Notch and E2F. *JBMR plus*, 6(5), e10623.

Javed S, et al. (2022) Longitudinal bioluminescence imaging to monitor breast tumor growth and treatment response using the chick chorioallantoic membrane model. *Scientific reports*, 12(1), 17192.

Hromas R, et al. (2022) BRCA1 mediates protein homeostasis through the ubiquitination of PERK and IRE1. *iScience*, 25(12), 105626.

Zuppone S, et al. (2022) A Novel RGD-4C-Saporin Conjugate Inhibits Tumor Growth in Mouse Models of Bladder Cancer. *Frontiers in oncology*, 12, 846958.