

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

pcDNA3.1(+)/Luc2=tdT

RRID:Addgene_32904

Type: Plasmid

Proper Citation

RRID:Addgene_32904

Plasmid Information

URL: <http://www.addgene.org/32904>

Proper Citation: RRID:Addgene_32904

Insert Name: Firefly Luciferase

Organism: Photinus pyralis (firefly)

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21159636](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5428; Vector Backbone:pcDNA3.1(+); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA3.1(+)/Luc2=tdT

Record Creation Time: 20220422T222143+0000

Record Last Update: 20260815T081345+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.1(+)/Luc2=tdT.

No alerts have been found for pcDNA3.1(+)/Luc2=tdT.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 26 mentions in open access literature.

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

Sarrett SM, et al. (2024) Evaluating CD133 as a Radiotheranostic Target in Small-Cell Lung Cancer. *Molecular pharmaceutics*, 21(3), 1402.

Zheng D, et al. (2024) Brd4::Nutm1 fusion gene initiates NUT carcinoma in vivo. *Life science alliance*, 7(7).

Scuoppo C, et al. (2024) Repurposing NAMPT Inhibitors for Germinal Center B Cell-Like Diffuse Large B-Cell Lymphoma. *Blood cancer discovery*, 5(6), 417.

Jeethy Ram T, et al. (2023) Co-expression of galectin-3 and vimentin in triple negative breast cancer cells promotes tumor progression, metastasis and survival. *Tumour biology : the journal of the International Society for Oncodevelopmental Biology and Medicine*, 45(1), 31.

Shin M, et al. (2023) Mobility gene expression differences among wild-type, Mmp20 null and Mmp20 over-expresser mice plus visualization of 3D mouse ameloblast directional movement. *Scientific reports*, 13(1), 18829.

Zisi A, et al. (2023) Small molecule-mediated disruption of ribosome biogenesis synergizes with FGFR inhibitors to suppress glioma cell growth. *Neuro-oncology*, 25(6), 1058.

Kanellis DC, et al. (2023) Actionable cancer vulnerability due to translational arrest, p53 aggregation and ribosome biogenesis stress evoked by the disulfiram metabolite CuET. *Cell death and differentiation*, 30(7), 1666.

Su MT, et al. (2022) LILRB4 promotes tumor metastasis by regulating MDSCs and inhibiting miR-1 family miRNAs. *Oncoimmunology*, 11(1), 2060907.

Kurt E, et al. (2022) Nucleic Acid Delivery from Granular Hydrogels. *Advanced healthcare materials*, 11(3), e2101867.

Amobi-McCloud A, et al. (2021) IDO1 Expression in Ovarian Cancer Induces PD-1 in T Cells via Aryl Hydrocarbon Receptor Activation. *Frontiers in immunology*, 12, 678999.

Xu Q, et al. (2021) The extracellular-regulated protein kinase 5 (ERK5) enhances metastatic burden in triple-negative breast cancer through focal adhesion protein kinase (FAK)-mediated regulation of cell adhesion. *Oncogene*, 40(23), 3929.

Nemes B, et al. (2021) Human Somatostatin SST4 Receptor Transgenic Mice: Construction and Brain Expression Pattern Characterization. *International journal of molecular sciences*, 22(7).

Karlsson J, et al. (2021) Photocrosslinked Bioreducible Polymeric Nanoparticles for Enhanced Systemic siRNA Delivery as Cancer Therapy. *Advanced functional materials*, 31(17).

Das I, et al. (2020) AXL and CAV-1 play a role for MTH1 inhibitor TH1579 sensitivity in cutaneous malignant melanoma. *Cell death and differentiation*, 27(7), 2081.

Shah N, et al. (2020) Drug resistance occurred in a newly characterized preclinical model of lung cancer brain metastasis. *BMC cancer*, 20(1), 292.

Edwards SJ, et al. (2020) High-Resolution Imaging of Tumor Spheroids and Organoids Enabled by Expansion Microscopy. *Frontiers in molecular biosciences*, 7, 208.

Chen B, et al. (2019) Upregulated forkhead-box A3 elevates the expression of forkhead-box A1 and forkhead-box A2 to promote metastasis in esophageal cancer. *Oncology letters*, 17(5), 4351.

Pudelko L, et al. (2018) An orthotopic glioblastoma animal model suitable for high-throughput screenings. *Neuro-oncology*, 20(11), 1475.

Choi AH, et al. (2018) Endogenous Akt Activity Promotes Virus Entry and Predicts Efficacy of Novel Chimeric Orthopoxvirus in Triple-Negative Breast Cancer. *Molecular therapy oncolytics*, 9, 22.

Liu J, et al. (2018) Bioluminescence Imaging for Monitoring miR-200c Expression in Breast Cancer Cells and its Effects on Epithelial-Mesenchymal Transition Progress in Living Animals. *Molecular imaging and biology*, 20(5), 761.