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: Photonis 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.