

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

p3TP-lux

RRID:Addgene_11767

Type: Plasmid

Proper Citation

RRID:Addgene_11767

Plasmid Information

URL: <http://www.addgene.org/11767>

Proper Citation: RRID:Addgene_11767

Insert Name: 3TP

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:1333888](#)

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:5600; Vector Backbone:pGL2-Basic; Vector Types:Mammalian Expression, Luciferase; Bacterial Resistance:Ampicillin

Comments: A luciferase reporter gene with the 3TP promoter that contains three consecutive TPA response elements (TREs) and a portion of the plasminogen activator inhibitor 1 (PAI-1) promoter region.

Plasmid Name: p3TP-lux

Record Creation Time: 20220422T221616+0000

Record Last Update: 20260829T075247+0000

Ratings and Alerts

No rating or validation information has been found for p3TP-lux.

No alerts have been found for p3TP-lux.

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 [NIF](#) .

Liu X, et al. (2025) A novel TGFBR2 mutation causes Loeys-Dietz syndrome in a Chinese infant: A case report. *Heliyon*, 11(2), e42116.

Kalyoncu M, et al. (2025) Escape from TGF- β -induced senescence promotes aggressive hallmarks in epithelial hepatocellular carcinoma cells. *Molecular oncology*, 19(9), 2594.

Boz Er AB, et al. (2024) Overcoming Vemurafenib Resistance in Metastatic Melanoma: Targeting Integrins to Improve Treatment Efficacy. *International journal of molecular sciences*, 25(14).

Cho K, et al. (2022) A micellized bone morphogenetic protein-7 prodrug ameliorates liver fibrosis by suppressing transforming growth factor- β signaling. *American journal of cancer research*, 12(2), 763.

Roudaut M, et al. (2021) PCSK9 regulates the NODAL signaling pathway and cellular proliferation in hiPSCs. *Stem cell reports*, 16(12), 2958.

Gungor MZ, et al. (2021) Systematic Analysis of Cytostatic TGF-Beta Response in Mesenchymal-Like Hepatocellular Carcinoma Cell Lines. *Journal of gastrointestinal cancer*, 52(4), 1320.

Son HK, et al. (2020) A novel TGF- β receptor II mutation (I227T/N236D) promotes aggressive phenotype of oral squamous cell carcinoma via enhanced EGFR signaling. *BMC cancer*, 20(1), 1163.

Luo X, et al. (2020) Identification of a Pathogenic TGFBR2 Variant in a Patient With Loeys-Dietz Syndrome. *Frontiers in genetics*, 11, 479.

Alonso-Herranz L, et al. (2020) Macrophages promote endothelial-to-mesenchymal transition via MT1-MMP/TGF β 1 after myocardial infarction. *eLife*, 9.

Du L, et al. (2019) Transforming growth factor- β downregulates sGC subunit expression in pulmonary artery smooth muscle cells via MEK and ERK signaling. *American journal of physiology. Lung cellular and molecular physiology*, 316(1), L20.

Murillo-Garzón V, et al. (2018) Frizzled-8 integrates Wnt-11 and transforming growth factor- β signaling in prostate cancer. *Nature communications*, 9(1), 1747.

Kim S, et al. (2018) Protein kinase CK2 activation is required for transforming growth factor β -induced epithelial-mesenchymal transition. *Molecular oncology*, 12(10), 1811.

Zheng H, et al. (2017) Follistatin N terminus differentially regulates muscle size and fat in vivo. *Experimental & molecular medicine*, 49(9), e377.

Liu N, et al. (2015) Hepatitis B virus regulates apoptosis and tumorigenesis through the microRNA-15a-Smad7-transforming growth factor beta pathway. *Journal of virology*,

89(5), 2739.

Niihori T, et al. (2015) Mutations in MECOM, Encoding Oncoprotein EVI1, Cause Radioulnar Synostosis with Amegakaryocytic Thrombocytopenia. American journal of human genetics, 97(6), 848.

Gore AJ, et al. (2014) Pancreatic cancer-associated retinoblastoma 1 dysfunction enables TGF- β to promote proliferation. The Journal of clinical investigation, 124(1), 338.

Wardwell-Ozgo J, et al. (2014) HOXA1 drives melanoma tumor growth and metastasis and elicits an invasion gene expression signature that prognosticates clinical outcome. Oncogene, 33(8), 1017.

Lee YS, et al. (2013) Regulation of GDF-11 and myostatin activity by GASP-1 and GASP-2. Proceedings of the National Academy of Sciences of the United States of America, 110(39), E3713.

Guo W, et al. (2013) AAV-mediated administration of myostatin pro-peptide mutant in adult Ldlr null mice reduces diet-induced hepatosteatosis and arteriosclerosis. PloS one, 8(8), e71017.

Ferguson BW, et al. (2013) The cancer gene WWOX behaves as an inhibitor of SMAD3 transcriptional activity via direct binding. BMC cancer, 13, 593.