

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

pGL2-p21 promoter-Luc

RRID:Addgene_33021

Type: Plasmid

Proper Citation

RRID:Addgene_33021

Plasmid Information

URL: <http://www.addgene.org/33021>

Proper Citation: RRID:Addgene_33021

Insert Name: p21 promoter

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15269344](#)

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:5500; Vector Backbone:pGL2; Vector Types:Mammalian Expression, Luciferase; Bacterial Resistance:Ampicillin

Plasmid Name: pGL2-p21 promoter-Luc

Record Creation Time: 20220422T222143+0000

Record Last Update: 20260725T074555+0000

Ratings and Alerts

No rating or validation information has been found for pGL2-p21 promoter-Luc.

No alerts have been found for pGL2-p21 promoter-Luc.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Samanta A, et al. (2025) The RNA-binding protein hnRNP E1 regulates p53 and p21 translation via KH1 and KH2 domain interactions with 3' UTR C-rich motifs. The Journal of biological chemistry, 302(2), 111042.

Wei S, et al. (2024) Functional investigation of a novel ANKRD11 frameshift variant identified in a Chinese family with KBG syndrome. Heliyon, 10(6), e28082.

Centeno D, et al. (2024) Modeling of Intracellular Taurine Levels Associated with Ovarian Cancer Reveals Activation of p53, ERK, mTOR and DNA-Damage-Sensing-Dependent Cell Protection. Nutrients, 16(12).

Willems S, et al. (2022) Nurr1 Modulation Mediates Neuroprotective Effects of Statins. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 9(18), e2104640.

Park JH, et al. (2020) PBK attenuates paclitaxel-induced autophagic cell death by suppressing p53 in H460 non-small-cell lung cancer cells. FEBS open bio, 10(5), 937.

Kutle I, et al. (2020) Murine Cytomegalovirus M25 Proteins Sequester the Tumor Suppressor Protein p53 in Nuclear Accumulations. Journal of virology, 94(20).

Park JH, et al. (2020) TOPK inhibition accelerates oxidative stress-induced granulosa cell apoptosis via the p53/SIRT1 axis. International journal of molecular medicine, 46(5), 1923.

Li XH, et al. (2020) p33ING1b regulates acetylation of p53 in oral squamous cell carcinoma via SIR2. Cancer cell international, 20, 398.

Lui AJ, et al. (2017) IFITM1 suppression blocks proliferation and invasion of aromatase inhibitor-resistant breast cancer in vivo by JAK/STAT-mediated induction of p21. Cancer letters, 399, 29.

Harms FL, et al. (2017) Mutations in EBF3 Disturb Transcriptional Profiles and Cause Intellectual Disability, Ataxia, and Facial Dysmorphism. American journal of human genetics, 100(1), 117.

Boudreau HE, et al. (2017) Histone modifications affect differential regulation of TGF β -induced NADPH oxidase 4 (NOX4) by wild-type and mutant p53. Oncotarget, 8(27), 44379.