

Resource Summary Report

Generated by [RRID](#) on Aug 29, 2026

[pLenti6/V5-p53_wt p53](#)

RRID:Addgene_22945

Type: Plasmid

Proper Citation

RRID:Addgene_22945

Plasmid Information

URL: <http://www.addgene.org/22945>

Proper Citation: RRID:Addgene_22945

Insert Name: tumor protein 53

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18472962](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:6963; Vector Backbone:pLenti6/V5-D-TOPO; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pLenti6/V5-p53_wt p53

Record Creation Time: 20220422T222102+0000

Record Last Update: 20260829T080217+0000

Ratings and Alerts

No rating or validation information has been found for pLenti6/V5-p53_wt p53.

No alerts have been found for pLenti6/V5-p53_wt p53.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Doh HM, et al. (2026) Interaction of NDRG1 and MRE11 Modulates DNA Replication and Repair. *Cancers*, 18(8).

Doh HM, et al. (2026) Interaction of NDRG1 and TGM2 Modulates DNA Replication and Repair. *Molecular cancer research : MCR*, 24(7), 601.

Wang P, et al. (2025) PPIL2 is a target of the JAK2/STAT5 pathway and promotes myeloproliferation via degradation of p53. *The Journal of clinical investigation*, 135(13).

Qu X, et al. (2025) Charting the regulatory landscape of TP53 on transposable elements in cancer. *Genome research*, 35(6), 1456.

Khalil MI, et al. (2024) The membrane-associated ubiquitin ligase MARCHF8 stabilizes the human papillomavirus oncoprotein E7 by degrading CUL1 and UBE2L3 in head and neck cancer. *Journal of virology*, 98(2), e0172623.

Courte J, et al. (2024) Programming the elongation of mammalian cell aggregates with synthetic gene circuits. *bioRxiv : the preprint server for biology*.

Cui B, et al. (2023) Non-small cell lung cancers (NSCLCs) oncolysis using coxsackievirus B5 and synergistic DNA-damage response inhibitors. *Signal transduction and targeted therapy*, 8(1), 366.

Kumar A, et al. (2022) Signaling Pathway Reporter Screen with SARS-CoV-2 Proteins Identifies nsp5 as a Repressor of p53 Activity. *Viruses*, 14(5).

Ueno D, et al. (2022) Targeting Krebs-cycle-deficient renal cell carcinoma with Poly ADP-ribose polymerase inhibitors and low-dose alkylating chemotherapy. *Oncotarget*, 13, 1054.

Demetriadou C, et al. (2022) Histone N-terminal acetyltransferase NAA40 links one-carbon metabolism to chemoresistance. *Oncogene*, 41(4), 571.

McCann JJ, et al. (2022) Mutant p53 elicits context-dependent pro-tumorigenic phenotypes. *Oncogene*, 41(3), 444.

Menendez D, et al. (2022) Etoposide-induced DNA damage is increased in p53 mutants: identification of ATR and other genes that influence effects of p53 mutations on Top2-induced cytotoxicity. *Oncotarget*, 13, 332.

Zhang C, et al. (2019) Wild-type TP53 defined gamma-secretase inhibitor sensitivity and synergistic activity with doxorubicin in GSCs. *American journal of cancer research*, 9(8), 1734.

Goswami MT, et al. (2019) Identification of TP53RK-Binding Protein (TPRKB) Dependency in TP53-Deficient Cancers. *Molecular cancer research : MCR*, 17(8), 1652.

di Gennaro A, et al. (2018) A p53/miR-30a/ZEB2 axis controls triple negative breast cancer aggressiveness. *Cell death and differentiation*, 25(12), 2165.

Walia MK, et al. (2018) Tolerance to sustained activation of the cAMP/Creb pathway activity in osteoblastic cells is enabled by loss of p53. *Cell death & disease*, 9(9), 844.

Xiao LY, et al. (2017) p53 modulates the effect of ribosomal protein S6 kinase1 (S6K1) on cisplatin toxicity in chronic myeloid leukemia cells. *Pharmacological research*, 119, 443.

Liao P, et al. (2017) Mutant p53 Gains Its Function via c-Myc Activation upon CDK4 Phosphorylation at Serine 249 and Consequent PIN1 Binding. *Molecular cell*, 68(6), 1134.

Xu WW, et al. (2017) Cancer cell-secreted IGF2 instigates fibroblasts and bone marrow-derived vascular progenitor cells to promote cancer progression. *Nature communications*, 8, 14399.

Brosh R, et al. (2016) A dual molecular analogue tuner for dissecting protein function in mammalian cells. *Nature communications*, 7, 11742.