

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

pLX313-TP53-WT

RRID:Addgene_118014

Type: Plasmid

Proper Citation

RRID:Addgene_118014

Plasmid Information

URL: <http://www.addgene.org/118014>

Proper Citation: RRID:Addgene_118014

Insert Name: TP53

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30224644](#)

Vector Backbone Description: Backbone Marker:Broad Institute; Backbone Size:8767; Vector Backbone:pLX313; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pLX313-TP53-WT

Record Creation Time: 20220422T221618+0000

Record Last Update: 20260725T073612+0000

Ratings and Alerts

No rating or validation information has been found for pLX313-TP53-WT.

No alerts have been found for pLX313-TP53-WT.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Halim S, et al. (2026) Dominant-negative TP53 mutations potentiated by the HSF1-regulated proteostasis network. *Molecular cell*.

Joseph S, et al. (2025) MAPK14/p38 γ shapes the molecular landscape of endometrial cancer and promotes tumorigenic characteristics. *Cell reports*, 44(1), 115104.

Liu S, et al. (2024) UCHL1 is a potential molecular indicator and therapeutic target for neuroendocrine carcinomas. *Cell reports. Medicine*, 5(2), 101381.

Lascaux P, et al. (2024) TEX264 drives selective autophagy of DNA lesions to promote DNA repair and cell survival. *Cell*, 187(20), 5698.

Vávra J, et al. (2023) Characterization of the interaction between the tumour suppressor p53 and heme and its role in the protein conformational dynamics studied by various spectroscopic techniques and hydrogen/deuterium exchange coupled with mass spectrometry. *Journal of inorganic biochemistry*, 243, 112180.

Leiendecker L, et al. (2023) Human Papillomavirus 42 Drives Digital Papillary Adenocarcinoma and Elicits a Germ Cell-like Program Conserved in HPV-Positive Cancers. *Cancer discovery*, 13(1), 70.

Wang M, et al. (2023) Genetic heterogeneity in p53-null leukemia increases transiently with spindle assembly checkpoint inhibition and is not rescued by p53. *Chromosoma*.

Wang Y, et al. (2022) A Novel TP53 Gene Mutation Sustains Non-Small Cell Lung Cancer through Mitophagy. *Cells*, 11(22).