Resource Summary Report

Generated by RRID on Sep 1, 2026

T7-p53DD-pcDNA3

RRID:Addgene_25989
Type: Plasmid

Proper Citation

RRID:Addgene_25989

Plasmid Information

URL: http://www.addgene.org/25989

Proper Citation: RRID:Addgene_25989

Insert Name: tumor protein p53

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:11034215

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5385; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: There is a L383H mutation in the sequence. The mutation should not affect plasmid function.

Plasmid Name: T7-p53DD-pcDNA3

Relevant Mutation: truncated cDNA encodes truncated protein (aa 300-393) with dominant negative function, deletion mutant is called "DD"

Record Creation Time: 20220422T222116+0000

Record Last Update: 20260829T080254+0000

Ratings and Alerts

No rating or validation information has been found for T7-p53DD-pcDNA3.

No alerts have been found for T7-p53DD-pcDNA3.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Panczyszyn E, et al. (2024) FSP1 is a predictive biomarker of osteosarcoma cells' susceptibility to ferroptotic cell death and a potential therapeutic target. Cell death discovery, 10(1), 87.

Laverty DJ, et al. (2024) ATM inhibition exploits checkpoint defects and ATM-dependent double strand break repair in TP53-mutant glioblastoma. Nature communications, 15(1), 5294.

Park JC, et al. (2024) Enhancing genome editing in hPSCs through dual inhibition of DNA damage response and repair pathways. Nature communications, 15(1), 4002.

Liu X, et al. (2023) IMPDH inhibition activates TLR-VCAM1 pathway and suppresses the development of MLL-fusion leukemia. EMBO molecular medicine, 15(1), e15631.

Cicardi ME, et al. (2023) C9orf72 poly(PR) mediated neurodegeneration is associated with nucleolar stress. bioRxiv : the preprint server for biology.

Bonjoch L, et al. (2023) Unraveling the impact of a germline heterozygous POLD1 frameshift variant in serrated polyposis syndrome. Frontiers in molecular biosciences, 10, 1119900.

Cicardi ME, et al. (2023) C9orf72 poly(PR) mediated neurodegeneration is associated with nucleolar stress. iScience, 26(9), 107505.

Langer HT, et al. (2022) Dominant-negative p53-overexpression in skeletal muscle induces cell death and fiber atrophy in rats. Cell death & disease, 13(8), 716.

Fujino T, et al. (2021) Mutant ASXL1 induces age-related expansion of phenotypic hematopoietic stem cells through activation of Akt/mTOR pathway. Nature communications, 12(1), 1826.

Walton CC, et al. (2019) Primary neurons can enter M-phase. Scientific reports, 9(1), 4594.

Tamura M, et al. (2019) Opposing effects of acute versus chronic inhibition of p53 on decitabine's efficacy in myeloid neoplasms. Scientific reports, 9(1), 8171.

Lawrenson K, et al. (2015) Cis-eQTL analysis and functional validation of candidate susceptibility genes for high-grade serous ovarian cancer. Nature communications, 6, 8234.