

Resource Summary Report

Generated by [dkNET](#) on Aug 7, 2026

pMXs-p53DD

RRID:Addgene_22729

Type: Plasmid

Proper Citation

RRID:Addgene_22729

Plasmid Information

URL: <http://www.addgene.org/22729>

Proper Citation: RRID:Addgene_22729

Insert Name: Trp53

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19668191](#)

Vector Backbone Description: Backbone Size:4600; Vector Backbone:pMXs-gw; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: additional article reference: Bowman, T. et al. Tissue-specific inactivation of p53 tumor suppression in the mouse. Genes Dev. 1996 Apr 1;10(7):826-35.

Plasmid Name: pMXs-p53DD

Relevant Mutation: deleted amino acids 14-301

Record Creation Time: 20220422T222101+0000

Record Last Update: 20260801T081031+0000

Ratings and Alerts

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

No alerts have been found for pMXs-p53DD.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Lende-Dorn BA, et al. (2025) Chemogenetic tuning reveals optimal MAPK signaling for cell-fate programming. Cell reports, 44(9), 116226.

Wang NB, et al. (2025) Proliferation history and transcription factor levels drive direct conversion to motor neurons. Cell systems, 16(4), 101205.

Borisova E, et al. (2022) Structurally-discovered KLF4 variants accelerate and stabilize reprogramming to pluripotency. iScience, 25(1), 103525.

Watanabe T, et al. (2019) Highly efficient induction of primate iPS cells by combining RNA transfection and chemical compounds. Genes to cells : devoted to molecular & cellular mechanisms, 24(7), 473.

Davis LE, et al. (2019) Discovery and Characterization of Recurrent, Targetable ALK Fusions in Leiomyosarcoma. Molecular cancer research : MCR, 17(3), 676.

Babos KN, et al. (2019) Mitigating Antagonism between Transcription and Proliferation Allows Near-Deterministic Cellular Reprogramming. Cell stem cell, 25(4), 486.

Balboa D, et al. (2015) Conditionally Stabilized dCas9 Activator for Controlling Gene Expression in Human Cell Reprogramming and Differentiation. Stem cell reports, 5(3), 448.