

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 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: 20260725T074435+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](#) .

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

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

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.