

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

[pT2-shP53](#)

RRID:Addgene_124261

Type: Plasmid

Proper Citation

RRID:Addgene_124261

Plasmid Information

URL: <http://www.addgene.org/124261>

Proper Citation: RRID:Addgene_124261

Insert Name: shP53

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30760578](#)

Vector Backbone Description: Backbone Size:6491; Vector Backbone:pT2; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pT2-shP53

Record Creation Time: 20220422T221651+0000

Record Last Update: 20260902T041550+0000

Ratings and Alerts

No rating or validation information has been found for pT2-shP53.

No alerts have been found for pT2-shP53.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Yi Z, et al. (2026) SNORA49 negatively regulates self-renewal of liver cancer stem cells and hepatocarcinogenesis via suppressing SOX9 transcription. Nature communications, 17(1), 766.

Zhang H, et al. (2026) Dysregulated Proline Metabolism Exacerbates Hepatocellular Carcinoma Metastasis via EPRS1-Mediated mRNA Translation. Cancer communications (London, England), 46, 0028.

Zhou Z, et al. (2025) SNORA74A Drives Self-Renewal of Liver Cancer Stem Cells and Hepatocarcinogenesis Through Activation of Notch3 Signaling. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(26), e2504054.

Jiao K, et al. (2024) UBXN1 promotes liver tumorigenesis by regulating mitochondrial homeostasis. Journal of translational medicine, 22(1), 485.

Gu Y, et al. (2024) SNORD88B-mediated WRN nucleolar trafficking drives self-renewal in liver cancer initiating cells and hepatocarcinogenesis. Nature communications, 15(1), 6730.

Haase S, et al. (2022) H3.3-G34 mutations impair DNA repair and promote cGAS/STING-mediated immune responses in pediatric high-grade glioma models. The Journal of clinical investigation, 132(22).

Ando S, et al. (2022) JCI?20679 suppresses the proliferation of glioblastoma stem cells by activating AMPK and decreasing NFATc2 expression levels. Molecular medicine reports, 26(1).

Chen Z, et al. (2021) Circular RNA cia-MAF drives self-renewal and metastasis of liver tumor-initiating cells via transcription factor MAFF. The Journal of clinical investigation, 131(19).

Garcia-Fabiani MB, et al. (2020) An Optimized Protocol for In Vivo Analysis of Tumor Cell Division in a Sleeping Beauty-Mediated Mouse Glioma Model. STAR protocols, 1(2).

Nunez FM, et al. (2020) Genetically Engineered Mouse Model of Brainstem High-Grade Glioma. STAR protocols, 1(3), 100165.