

# Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

## [pLVTH-sip53](#)

RRID:Addgene\_12239

Type: Plasmid

### Proper Citation

RRID:Addgene\_12239

### Plasmid Information

**URL:** <http://www.addgene.org/12239>

**Proper Citation:** RRID:Addgene\_12239

**Insert Name:** shRNA against p53

**Organism:** Homo sapiens

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:12885912](#)

**Vector Backbone Description:** Backbone Size:11166; Vector Backbone:pLVTH; Vector Types:Mammalian Expression, Lentiviral, RNAi, Cre/Lox; Bacterial Resistance:Ampicillin

**Comments:** Please note that the full sequence for this plasmid is approximated and not fully verified. Please visit the Trono lab <http://tronolab.epfl.ch> for cloning strategies, protocols, publications, and more.

**Plasmid Name:** pLVTH-sip53

**Record Creation Time:** 20220422T221640+0000

**Record Last Update:** 20260815T080344+0000

### Ratings and Alerts

No rating or validation information has been found for pLVTH-sip53.

No alerts have been found for pLVTH-sip53.

### Data and Source Information

Source: [Addgene](#)

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## Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Lopez KE, et al. (2026) Reciprocal compensation of caspase-2 and p53 regulates the DNA damage response in HCT116 colon cancer cells. *The Journal of biological chemistry*, 302(7), 113199.

Roy S, et al. (2020) MDM2 Antagonists Induce a Paradoxical Activation of Erk1/2 through a P53-Dependent Mechanism in Dedifferentiated Liposarcomas: Implications for Combinatorial Strategies. *Cancers*, 12(8).

Jan A, et al. (2017) eEF2K inhibition blocks A $\beta$ 42 neurotoxicity by promoting an NRF2 antioxidant response. *Acta neuropathologica*, 133(1), 101.

Marks DH, et al. (2017) Mad2 Overexpression Uncovers a Critical Role for TRIP13 in Mitotic Exit. *Cell reports*, 19(9), 1832.

Wu Q, et al. (2017) The role of PTEN - HCV core interaction in hepatitis C virus replication. *Scientific reports*, 7(1), 3695.

Periz G, et al. (2015) Regulation of protein quality control by UBE4B and LSD1 through p53-mediated transcription. *PLoS biology*, 13(4), e1002114.

Verbeke S, et al. (2014) Humanization of the mouse mammary gland by replacement of the luminal layer with genetically engineered preneoplastic human cells. *Breast cancer research : BCR*, 16(6), 504.

Yu X, et al. (2012) miR-125b Is an adhesion-regulated microRNA that protects mesenchymal stem cells from anoikis. *Stem cells (Dayton, Ohio)*, 30(5), 956.

Bedel A, et al. (2012) Metabolic correction of congenital erythropoietic porphyria with iPSCs free of reprogramming factors. *American journal of human genetics*, 91(1), 109.