

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

Lox-stop-Lox p53 R270H

RRID:Addgene_14853

Type: Plasmid

Proper Citation

RRID:Addgene_14853

Plasmid Information

URL: <http://www.addgene.org/14853>

Proper Citation: RRID:Addgene_14853

Insert Name: p53 R270H

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15607980](#)

Vector Backbone Description: Backbone Size:3000; Vector Backbone:pBluescript; Vector Types:Mammalian Expression, Cre/Lox; Bacterial Resistance:Ampicillin

Comments: Conditional mutant alleles of p53 were generated by introducing the LoxP-flanked transcriptional STOP cassette into intron 1 of the p53 gene. Site-directed mutagenesis was used to introduce an arg?his mutation at codon 270. Note: This is a large plasmid that can undergo recombination. Bacterial colonies will grow slowly. If there are different colony sizes on a plate, the smaller ones are more likely to contain the correct plasmid.

Plasmid Name: Lox-stop-Lox p53 R270H

Relevant Mutation: Contact mutant R270H. (Murine p53 codon 270 corresponds to human codon 273).

Record Creation Time: 20220422T221826+0000

Record Last Update: 20260905T074922+0000

Ratings and Alerts

No rating or validation information has been found for Lox-stop-Lox p53 R270H.

No alerts have been found for Lox-stop-Lox p53 R270H.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.