

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

p53 S23A targeting vector

RRID:Addgene_12167

Type: Plasmid

Proper Citation

RRID:Addgene_12167

Plasmid Information

URL: <http://www.addgene.org/12167>

Proper Citation: RRID:Addgene_12167

Insert Name: p53

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15343266](#)

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

Comments: Used to generate a mouse with the endogenous p53 serine 23 mutated. Puromycin cassette flanked by loxP sites is in the reverse orientation and contains an EcoR1 site.

Plasmid Name: p53 S23A targeting vector

Relevant Mutation: Ser23 mutation (S23A) in exon 2 and puromycin gene flanked by loxP sites in intron 1; vector includes p53 gene locus from intron 1 through exon 6.

Record Creation Time: 20220422T221636+0000

Record Last Update: 20260815T080336+0000

Ratings and Alerts

No rating or validation information has been found for p53 S23A targeting vector.

No alerts have been found for p53 S23A targeting vector.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Pei L, et al. (2014) DAPK1-p53 interaction converges necrotic and apoptotic pathways of ischemic neuronal death. The Journal of neuroscience : the official journal of the Society for Neuroscience, 34(19), 6546.