

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

P0050::rpaAD53A

RRID:Addgene_101831

Type: Plasmid

Proper Citation

RRID:Addgene_101831

Plasmid Information

URL: <http://www.addgene.org/101831>

Proper Citation: RRID:Addgene_101831

Insert Name: RpaA D53A with p0050 promoter (+ gentamicin resistance cassette)

Organism: S. elongatus PCC7942

Bacterial Resistance: Gentamicin

Defining Citation: [PMID:28430105](#)

Vector Backbone Description: Backbone Size:4400; Vector Backbone:pBR322; Vector Types:Cloning vector; Bacterial Resistance:Gentamicin

Plasmid Name: P0050::rpaAD53A

Relevant Mutation: D53 mutated to A

Record Creation Time: 20220422T221455+0000

Record Last Update: 20260808T080314+0000

Ratings and Alerts

No rating or validation information has been found for P0050::rpaAD53A.

No alerts have been found for P0050::rpaAD53A.

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 [SPARC SAWG](#) .

Burr ML, et al. (2019) An Evolutionarily Conserved Function of Polycomb Silences the MHC Class I Antigen Presentation Pathway and Enables Immune Evasion in Cancer. Cancer cell, 36(4), 385.