

# Resource Summary Report

Generated by [NIF](#) on Sep 20, 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:** 20260919T090404+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 [NIF](#) .

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.