

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

P0050::kaiBC S431E T432E NS1

RRID:Addgene_101836

Type: Plasmid

Proper Citation

RRID:Addgene_101836

Plasmid Information

URL: <http://www.addgene.org/101836>

Proper Citation: RRID:Addgene_101836

Insert Name: kaiBC S431E T432E with p0050 promoter

Organism: S. elongatus PCC7942

Bacterial Resistance: Spectinomycin and Streptomycin

Defining Citation: [PMID:28430105](#)

Vector Backbone Description: Backbone Size:5700; Vector Backbone:pAM1303; Vector Types:Cyanobacteria cloning vector; Bacterial Resistance:Spectinomycin and Streptomycin

Plasmid Name: P0050::kaiBC S431E T432E NS1

Relevant Mutation: S431E T432E

Record Creation Time: 20220422T221455+0000

Record Last Update: 20260725T073346+0000

Ratings and Alerts

No rating or validation information has been found for P0050::kaiBC S431E T432E NS1.

No alerts have been found for P0050::kaiBC S431E T432E NS1.

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.