

Resource Summary Report

Generated by [NIF](#) on Aug 11, 2026

pCasPA

RRID:Addgene_113347

Type: Plasmid

Proper Citation

RRID:Addgene_113347

Plasmid Information

URL: <http://www.addgene.org/113347>

Proper Citation: RRID:Addgene_113347

Bacterial Resistance: Tetracycline

Defining Citation: [PMID:30240613](#)

Vector Backbone Description: Backbone Size:17653; Vector Backbone:unknown; Vector Types:Bacterial Expression, CRISPR, Synthetic Biology; Bacterial Resistance:Tetracycline

Comments: Selectable Marker: Tetracycline; 30 ?g/mL in E.coli and 100 ?g/mL in Pseudomonas aeruginosa

Plasmid Name: pCasPA

Record Creation Time: 20220422T221553+0000

Record Last Update: 20260808T080458+0000

Ratings and Alerts

No rating or validation information has been found for pCasPA.

No alerts have been found for pCasPA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Akter T, et al. (2026) A pilot study on the effect of the *exoU* gene on biofilm formation by a strain of *Pseudomonas aeruginosa* isolated from microbial keratitis. *Experimental eye research*, 270, 111082.

Kuklewicz J, et al. (2024) Molecular insights into capsular polysaccharide secretion. *Nature*, 628(8009), 901.

Pigula M, et al. (2024) An unnatural amino acid dependent, conditional *Pseudomonas* vaccine prevents bacterial infection. *Nature communications*, 15(1), 6766.

Chen Y, et al. (2024) Development of the CRISPR-Cas12a system for editing of *Pseudomonas aeruginosa* phages. *iScience*, 27(7), 110210.

Park SK, et al. (2022) Group II intron-like reverse transcriptases function in double-strand break repair. *Cell*, 185(20), 3671.