

Resource Summary Report

Generated by [RRID](#) on Sep 3, 2026

pFREE

RRID:Addgene_92050

Type: Plasmid

Proper Citation

RRID:Addgene_92050

Plasmid Information

URL: <http://www.addgene.org/92050>

Proper Citation: RRID:Addgene_92050

Insert Name: Cas9

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:28764701](#)

Vector Backbone Description: Vector Backbone:pMAZ-SK; Vector Types:Bacterial Expression, CRISPR; Bacterial Resistance:Kanamycin

Plasmid Name: pFREE

Record Creation Time: 20220422T222623+0000

Record Last Update: 20260902T050524+0000

Ratings and Alerts

No rating or validation information has been found for pFREE.

No alerts have been found for pFREE.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Leung PB, et al. (2024) *Shigella sonnei* utilises colicins during inter-bacterial competition. *Microbiology (Reading, England)*, 170(2).

Yan F, et al. (2023) CRISPR/FnCas12a-mediated efficient multiplex and iterative genome editing in bacterial plant pathogens without donor DNA templates. *PLoS pathogens*, 19(1), e1010961.

Clifton BE, et al. (2021) Evolutionary repair reveals an unexpected role of the tRNA modification m1G37 in aminoacylation. *Nucleic acids research*, 49(21), 12467.