

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

pSBY1_FnCpf1cg

RRID:Addgene_104622

Type: Plasmid

Proper Citation

RRID:Addgene_104622

Plasmid Information

URL: <http://www.addgene.org/104622>

Proper Citation: RRID:Addgene_104622

Insert Name: FnCpf1

Organism: Other

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:30039929](#)

Vector Backbone Description: Vector Backbone:pMV261; Vector Types:Bacterial Expression, CRISPR; Bacterial Resistance:Kanamycin

Comments: Shuttle vector Mycobacterium smegmatis/E.coli

Plasmid Name: pSBY1_FnCpf1cg

Relevant Mutation: codon-optimized C.glutamicum

Record Creation Time: 20220422T221507+0000

Record Last Update: 20260815T080046+0000

Ratings and Alerts

No rating or validation information has been found for pSBY1_FnCpf1cg.

No alerts have been found for pSBY1_FnCpf1cg.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Guo S, et al. (2026) Enhancing the bioconversion of phytosterols to 22-hydroxy-23,24-bisnorcholesterol-4-ene-3-one in *Mycobacterium neoaurum* ZS-15 through genetic modification of *kstD1* and *wecA*. *Microbial cell factories*, 25(1), 40.

Zhu Z, et al. (2022) PAM-free loop-mediated isothermal amplification coupled with CRISPR/Cas12a cleavage (Cas-PfLAMP) for rapid detection of rice pathogens. *Biosensors & bioelectronics*, 204, 114076.