

Resource Summary Report

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

pPPC002

RRID:Addgene_171139

Type: Plasmid

Proper Citation

RRID:Addgene_171139

Plasmid Information

URL: <http://www.addgene.org/171139>

Proper Citation: RRID:Addgene_171139

Insert Name: J1-BBa_J23117-sfGFP

Organism: Synthetic

Bacterial Resistance: Gentamicin

Defining Citation: [PMID:33930546](#)

Vector Backbone Description: Backbone Marker:Herbert Schweizer; Backbone Size:4569; Vector Backbone:pUC18TminiTn7T-Gm; Vector Types:Bacterial Expression, CRISPR; Bacterial Resistance:Gentamicin

Comments: Alternative names: pCDP009, pUC18TminiTn7T-Gm_J1-BBa_J23117-sfGFP_Sp.pCas9-dCas9_BB_a_J23107-MCP-SoxS(R93A/S101A) Used for conjugation, with pTNS1 and pRK2013 helper plasmids, to integrate J1-BBa_J23117-sfGFP, Sp.pCas9-dCas9, and BBa_J23107-MCP-SoxS(R93A/S101A) cassettes into gram-negative bacteria. Point mutation in the FRT site was observed and remained applicable with counterselection by pCK255

Plasmid Name: pPPC002

Record Creation Time: 20220422T221955+0000

Record Last Update: 20260725T074242+0000

Ratings and Alerts

No rating or validation information has been found for pPPC002.

No alerts have been found for pPPC002.

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](#) .

Fadel F, et al. (2022) Insights into the atypical autokinase activity of the *Pseudomonas aeruginosa* GacS histidine kinase and its interaction with RetS. *Structure* (London, England : 1993), 30(9), 1285.