

Resource Summary Report

Generated by [nidm-terms](#) on Aug 10, 2026

pPPC001

RRID:Addgene_171138

Type: Plasmid

Proper Citation

RRID:Addgene_171138

Plasmid Information

URL: <http://www.addgene.org/171138>

Proper Citation: RRID:Addgene_171138

Insert Name: Sp.pCas9-dCas9_BBa_J23107-MCP-SoxS(R93A, S101A)

Organism: S. pyogenes (dCas9), MS2 (MCP), E. coli (SoxS)

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: pCDP041, pUC18TminiTn7T-Gm_Sp.pCas9-dCas9_BBa_J23107-MCP-SoxS(R93A/S101A) Used for conjugation, with pTNS1 and pRK2013 helper plasmids, to integrate 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: pPPC001

Relevant Mutation: SoxS has R93A and S101A mutations

Record Creation Time: 20220422T221955+0000

Record Last Update: 20260808T081222+0000

Ratings and Alerts

No rating or validation information has been found for pPPC001.

No alerts have been found for pPPC001.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.