

Resource Summary Report

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

pSiMPlk_N + pSiMPlk_C

RRID:Addgene_134310

Type: Plasmid

Proper Citation

RRID:Addgene_134310

Plasmid Information

URL: <http://www.addgene.org/134310>

Proper Citation: RRID:Addgene_134310

Insert Name: kanR_gp41-1 N-intein + kanR_gp41-1 C-intein

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:31672972](#)

Vector Backbone Description: Vector Backbone:pBAD33 + pTrc99a; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: pSiMPlk_N should be cotransformed with pSiMPlk_C (or vice versa) in E. coli to get a reconstituted functional APT thereby conferring resistance against kanamycin. mRuby3 gene was amplified from a construct bought by us from Addgene (ID: 74252). Please see the Sequences link for the individual plasmid sequences. The sample from Addgene will have both the plasmids pSiMPlk_N + pSiMPlk_C in it for the interested antibiotic resistance. Separating individual plasmid backbones will be possible via PCR. Agarose gel electrophoresis can be used to visualize the presence of both the plasmids. But, separating individual plasmids via gel electrophoresis, in our hands, always resulted in cross-contamination of the two backbones.

Plasmid Name: pSiMPlk_N + pSiMPlk_C

Record Creation Time: 20220422T221742+0000

Record Last Update: 20260725T073842+0000

Ratings and Alerts

No rating or validation information has been found for pSiMPlk_N + pSiMPlk_C.

No alerts have been found for pSiMPlk_N + pSiMPlk_C.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.