

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

pSiMPLs_N + pSiMPLs_C

RRID:Addgene_167203

Type: Plasmid

Proper Citation

RRID:Addgene_167203

Plasmid Information

URL: <http://www.addgene.org/167203>

Proper Citation: RRID:Addgene_167203

Insert Name: EGFP

Organism: Other

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:34124437](#)

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

Comments: pSiMPLs_N should be co-transformed with pSiMPLs_C (or vice versa) in E. coli to get a reconstituted functional aminoglycoside adenylyltransferase thereby conferring resistance towards spectinomycin/streptomycin. The plasmids possess no additional antibiotic resistance gene. Please see the Sequences link for the individual plasmid sequences. An E. coli bacterial stab from Addgene will have both the plasmids pSiMPLs_N + pSiMPLs_C. 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. mRuby3 gene was amplified from a construct bought by us from Addgene (ID: 74252).

Plasmid Name: pSiMPLs_N + pSiMPLs_C

Record Creation Time: 20221007T233800+0000

Record Last Update: 20260815T082354+0000

Ratings and Alerts

No rating or validation information has been found for pSiMPls_N + pSiMPls_C.

No alerts have been found for pSiMPls_N + pSiMPls_C.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.