Resource Summary Report

Generated by RRID on Aug 18, 2026

pSiMPlh_N + pSiMPlh_C

RRID:Addgene_134316
Type: Plasmid

Proper Citation

RRID:Addgene_134316

Plasmid Information

URL: http://www.addgene.org/134316

Proper Citation: RRID:Addgene_134316

Insert Name: hygR_gp41-1 N-intein + hygR_gp41-1 C-intein

Organism: Synthetic

Bacterial Resistance: Hygromycin

Defining Citation: PMID:31672972

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

Comments: pSiMPlh_N should be cotransformed with pSiMPlh_C (or vice versa) in E. Coli to get a reconstituted functional HPT thereby conferring resistance against hygromycin. 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 pSiMPlh_N + pSiMPlh_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: pSiMPlh_N + pSiMPlh_C

Relevant Mutation: P254Q in hygR_gp41-1 N-intein

Record Creation Time: 20220422T221742+0000

Record Last Update: 20260815T080543+0000

Ratings and Alerts

No rating or validation information has been found for pSiMPlh_N + pSiMPlh_C.

No alerts have been found for pSiMPlh_N + pSiMPlh_C.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We have not found any literature mentions for this resource.