Resource Summary Report

Generated by dkNET on Sep 4, 2026

pCoofy49

RRID:Addgene_55187
Type: Plasmid

Proper Citation

RRID:Addgene_55187

Plasmid Information

URL: http://www.addgene.org/55187

Proper Citation: RRID:Addgene_55187

Bacterial Resistance: Kanamycin

Defining Citation: PMID:23410102

Vector Backbone Description: Backbone Marker:Novagen; Backbone Size:7701; Vector Backbone:pET, pCoofy4; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: C-terminal tags are separated by a stop codon. Depending on the LP2 primer used in SLIC, the desired C-terminal tag(s) can be fused to the target gene. Use the one of the following linearization primers pairs for SLIC cloning. Choose one LP1 forward vector primer and one LP2 reverse vector primer: LP1 forward vector primer: SLIC Primer (3C site) 5' GGGCCCCTGGAACAGAACTTCCAG 3' LP2 - select an LP2 primer below depending on which C-terminal tags you want to include fused to your gene of interest: none SLIC Primer 5' CGCCATTAACCTGATGTTCTGGGG 3' 10His- SLIC Primer 5`GAGCATCATCATCATCACCAC 3' StrepOne - SLIC Primer 5`AGCGCTTGGAGCCACCCGCAG 3' S-Tag - SLIC Primer 5`AAAGAAACCGCTGCTGCTAAATTCG 3' CBP - SLIC Primer 5`ATGAAGCGGCGGTGGAAGAAAAAC 3' HPC4 - SLIC Primer 5`GAGGACCAGGTGGACCCCCGG 3' ??54CPD - SLIC Primer 5`GGCAGCGGCAAGATCCTGCAC 3' Test each preparation of the plasmid by transforming it into non-resistant cells (ex. DH5a) to ensure negative selection by ccdB kills all the transformed cells as expected.

Plasmid Name: pCoofy49

Record Creation Time: 20220422T222323+0000

Record Last Update: 20260829T080717+0000

Ratings and Alerts

No rating or validation information has been found for pCoofy49.

No alerts have been found for pCoofy49.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We have not found any literature mentions for this resource.