Resource Summary Report

Generated by NIF on Aug 29, 2026

pCoofy41

RRID:Addgene_55184
Type: Plasmid

Proper Citation

RRID:Addgene_55184

Plasmid Information

URL: http://www.addgene.org/55184

Proper Citation: RRID:Addgene_55184

Bacterial Resistance: Ampicillin

Defining Citation: PMID:23410102

Vector Backbone Description: Backbone Marker:Life Technologies; Backbone Size:6063; Vector Backbone:pFastBac; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

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' 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: pCoofy41

Record Creation Time: 20220422T222323+0000

Record Last Update: 20260829T080717+0000

Ratings and Alerts

No rating or validation information has been found for pCoofy41.

No alerts have been found for pCoofy41.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Schumann R, et al. (2021) Protein abundance and folding rather than the redox state of Kelch13 determine the artemisinin susceptibility of Plasmodium falciparum. Redox biology, 48, 102177.