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pL0R-LacZ

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1 Works for me dx.doi.org/10.17504/protocols.io.baa8iahw

uLoop - Diatom Parts Registry

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ABSTRACT

Name: pL0R-LacZ

Description: a L0 receiver vector which can be used for domestication using SapI-mediated restriction ligation or Gibson assembly. Contains lacZ for blue/white colony screening. Requires X-GAL, IPTG optional depending on E. coli strain.

Level 0
Overhangs: Special (cuts into BsaI sites)
Length: 2646

Antibiotic selection: Spectynomycin
Other info: pMB1 ori

Characterisation: ++++ (substantial), works as expected.

Primers:

U1F	CATTACTCGCATCCATTCTC
U1R	GAGACGAGACGAGACAGCCT
UXF	CCAGGATACATAGATTACCA
UXR	GGTGGAAGGGCTCGGAGTTG
L0F	TGGGCTGCCTGTATCGAGTG
L0R	GCTGGCCTTTTGCTCACA

L0 F works great for sequencing.

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Availability: Upon request at the Pollak/Dupont/Federici labs at the moment and will be available soon from Addgene.

EXTERNAL LINK

https://www.uloop.org/domestication.html

pL0R-lacZ.gb

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