DEC 09, 2019

pL0R-LacZ

Bernardo Pollak¹

¹J. Craig Venter Institute/PUC

uLoop - Diatom Parts Registry

Bernardo Pollak

Millennium Institute for Integrative Biology - iBio

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: Spectinomycin

Other info: pMB1 ori

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

Primers:

U1F	CATT ACTC GCAT CCAT TCTC
U1R	GAGA CGAG ACGA GACA GCCT
UXF	CCAG GATA CATA GATT ACCA

OPEN ACCESS

DOI:
dx.doi.org/10.17504/protocols.io.baa8iahw

External link:
<https://www.uloop.org/domestication.html>

Document Citation: Bernardo Pollak 2019. pL0R-LacZ.
protocols.io
<https://dx.doi.org/10.17504/protocols.io.baa8iahw>

License: This is an open access document distributed under the terms of the [Creative Commons Attribution License](https://creativecommons.org/licenses/by/4.0/), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

Created: Dec 09, 2019

Last Modified: Dec 09, 2019

DOCUMENT integer ID:
30784

Keywords: Domestication plasmid, Loop assembly, uLoop

	UXR	GGTG GAAG GGCT CGGA GTTG
	L0F	TGGG CTGC CTGT ATCG AGTG
	L0R	GCTG GCCT TTTG CTCA CA

L0 F works great for sequencing.

Submitter: Bernardo Pollak

Cloned by: Bernardo Pollak

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

ATTACHMENTS

[pL0R-lacZ.gb](#)

ATTACHMENTS

[pL0R-lacZ.gb](#)