

iGEM2013 – Microbiology – BMB – SDU	
Project type: USER PCR	Creation date: 2013.09.04
Project title: USER PCR pSB1A3 for araC + prenyltransferase	Written by: MHK
Sub project:	Performed by: SF, MHK

1. SOPs in use

iGEM2013_SOP0006_v01 PCR protocol for USER cloning.pdf

2. Purpose

To make pSB1A3 which can be USER cloned with araC and prenyltransferase.

3. Overview

4. Materials required

Materials in use

Name	Components (Concentrations)	Manufacturer / Cat. #	Room	Safety considerations
Green 103	PCR product pSB1A3 for prenyltransferase only		iGEM fridge	
Primer 66+67	Forward+reverse primer for pSB1A3 to use with AraC and prenyltransferase	Sigma Aldrich	iGEM fridge	

5. Other comments

6. Experiment history

Date (YY.MM.DD)	SOPs	Alterations to SOPs and remarks to experiments
13.09.03	USER PCR	<p>PCR of: pSB1A3 with primers 66+67 and template from iGEM. Three tubes of each. All in the same program:</p> <p>95 deg 2 min 95 deg 30 sec 52 deg 30 sec 68 deg 2 min 30 cycles 72 deg 10 min (final elongation)</p>

7. Sample specification

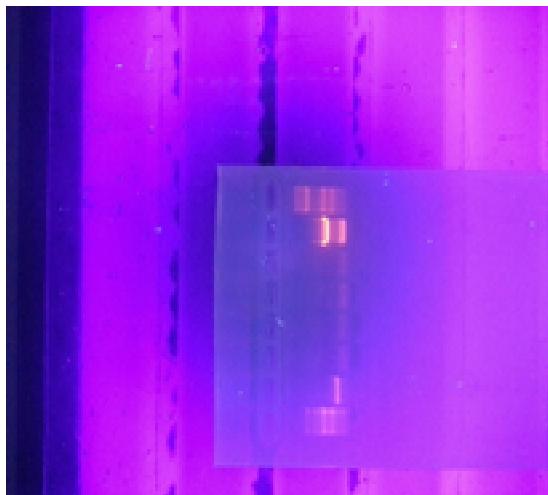
Sample name	Sample content	From	Used for / Saved where

8. Remarks on setup

9. Results and conclusions

13.09.03

Blue ladder - 3x plasmid



The band at 1000 bp in well 7 was cut out and purified.

13.09.04

From PCR 13.09.03. No bands at 2000 bp appeared. Light blue ladder.



10. Appendices