

Digestion of Signal Sequences

- Date: March 24, 2014
- Names: TDang, Peter, and McKailyn

Components	Volume (μL)
MILLI-Q H2O	4
10 Cutsmart Buffer	1
pDNA (~100 $\mu\text{g}/\text{ml}$)	4
Enzyme I	0.5
Enzyme II	0.5
Total	10

Part Number	
BBa_K331012	Inner Membrane
BBa_K331008	Outer Membrane
BBa_K331007	Periplasmic Space
BBa_K331009	Heat-Stable Toxin

Cut Site
Tube 1 E,S
Tube 2 S,P
Tube 3 E,P

1% Agarose Gel

- Date: March 26, 2014
- Names: TDang and Dinula
- Objective: Running restrictions from March 24, 2014

Lane		Total
Lane 1	1KB Ladder (6 μ L)	
Lane 2	5 μ L K331009 1 μ L Loading Dye	6 μ L
Lane 3	5 μ L K331008 1 μ L Loading Dye	6 μ L
Lane 4	5 μ L K331012 1 μ L Loading Dye	6 μ L

Digesting RFP-DT

- Date: March 28, 2014
- Names: Tdang and Tiffany T.

Materials

Plasmid DNA

Restriction Enzymes X/P

Milli-Q H₂O

10x Buffer

Gel & Purification of RFP-DT

- Date: March 31, 2014
- Names: Chris

Materials:

TAE Buffer (0.5 x)

RFP-DT (Cut at X,P)

K331009

1 KB Ladder

Loading Dye

Gel Confirmation of Purified Parts

- Date: March 31, 2014
- Names: Chris and Kieran

Materials
0.5x TAE
RFP-DT (x-P)
K331009 (S-P)
1KB DNA Ladder
6x Loading Die

Lane	Sample
1	1KB Ladder
2	K331009
3	RFP-DT