

Week16

Aug 8 sites for Restriction Enzymes

CAATTG mfe1

TCTAGA xba1

CCTGCAGG sbf1

ACTAGT spe1

Inoculation for glycerol stock preparation of

Aug 9

Cells pelleting in day time.

Glycerol stock formation:

- Cys1
 - Sqr clone
 - Sqr biobrick
 - nrfA biobrick
- 2 of each.

Evening

Plasmid prep of clones 1.5ml MCT

Name	MCT name
NOx	Clone NrfA 9/8/14
Sox	Clone SQR 9/8/14

Aug 11

- Enzyme site cys1
- Enzyme order
- Clone sequencing

Week 17

Aug 16

Samples handled for Sequencing:

- 0.5 ml MCT.
- Named on touch tags as:
- Clone NOx 16/8/14
- Clone SOx 16/8/14

Aug 19

Inoculation of

- Cys1
- SQR Clone

Cat Plasmid backbone NrfA biobrick(2)

- One might be contaminated named as "CONTAIM"

Week 19

1 sept

Colony PCR was performed
S0x Clone and Cys1 BB (*2) were inoculated

Composition for colony PCR reaction for PCR volume 25ul

Name	Quantity(ul)
Water	16.75
Buffer(5x)	5
dNTP(10mM)	2.5
FP	.25
RP	.25
Phusion Polymerase Enzyme	.25
Template	Colony

Composition of Plasmid PCR reaction

Name	Quantity(ul)
Water	16.25
Buffer(5x)	5
dNTP(10mM)	2.5
FP	.25
RP	.25
Phusion Polymerase Enzyme	.25
Template	0.5ul Plasmid

2 sept:

Plasmid prep of Sqr clone and Cys1 BB

Gel run was done for another time.

Order:

Ladder

Cys1 BB

SQR clone

Cys PCR

PCR :)

We observed that First PCR band is at 2.2-2.3 kbp. However it should have come at 1.7 kbp.