

Name: Heidi C

Date: 7/2/14

WEEKLY ONE SENTENCER:

- Reads the PBS tmv0099

DAILY ONE SENTENCER:

- BU-D7 ss RFL to RFL PCR

METHOD(S) OF CHOICE:

- PCR
- gel extract

EXPECTED RESULT:

- bands at 1kb on gel

check if APE file exists on Drive)

TEMPLATE(S): m0099

OLIGO(S): PBS M1 & M2 (76/77), 363

THERMOCYCLER SETTINGS: @ 25°C

CONTROLS:

POSITIVE:

NEGATIVE: No polymerase

CONFIRMATION?

Gel

GEL LANE ORDER:

LAD RFL RFL RFL RFL RFL RFL RFL RFL RFL

GEL PICTURE / OTHER SPACE:

140702 PBS m0099

Also did colony PCR on m0099 to check

Name: Cohen Tran

Date: 7/2/14

WEEKLY ONE SENTENCER:

inserting RBS + promoter into mCherry

DAILY ONE SENTENCER:

inserting RH1 + Rb2 into mCherry

METHOD(S) OF CHOICE:

PCR, gel extract

EXPECTED RESULT:

~1000 bp

check if APE file exists on Drive)

TEMPLATE(S): mCherry

OLIGO(S): 34, 35, 363

THERMOCYCLER SETTINGS:

CONTROLS: 94°-2' 74°-15"; 65-15"; 68-15" (x3); 68°-4' 59°C

POSITIVE:

NEGATIVE:

no polymerase

CONFIRMATION?

gel

GEL LANE ORDER:

① L RH1 RH2 RH2N RM1 RM2 RM2N

② L M1 M2 M3 N M1 M2 M3 M4

GEL PICTURE / OTHER SPACE:

140702 EBS+mCherry

140702 mCherry clone confirmation

Name: Jennifer Zhang

Date: 7/2/14

WEEKLY ONE SENTENCER: continue building RBS primer/promoter pairs

DAILY ONE SENTENCER: - promoter PCE (PH1 PH2) with RL1

METHOD(S) OF CHOICE:

PCR
gel extraction

EXPECTED RESULT:

band ~ 1kb

check if APE file exists on Drive

TEMPLATE(S): RL1 w/ mercury

OLIGO(S): 80, 81

0303

THERMOCYCLER SETTINGS: * RBS105

CONTROLS:

POSITIVE:

NEGATIVE:

no polymerase

CONFIRMATION?

gel

GEL LANE ORDER:

1kb	PH1	PH2	N
	RL1	RL1	

GEL PICTURE / OTHER SPACE:

MM: X	+ramp	->	Z	20.75	~L	each
X	303	->	15			
X	QJTP	->	Z			
X	DMSO	->	Z			
X	buffer	->	20			
X	H20	->	4Z			

* Bands were too faint for good gel extraction *

Name: Stefan Tassoulas

CONFIRMATION?

Date: 06/07/2014

WEEKLY ONE SENTENCER:

- Primer Design

- Feeding

- Comp. Cells

GEL LANE ORDER:

DAILY ONE SENTENCER:

- Primer Design

- Email Sponsors

- Call Sponsors

GEL PICTURE / OTHER SPACE:

METHOD(S) OF CHOICE:

- Generous

- Math

- Phone

- Computer

EXPECTED RESULT:

- Good Primers

- Money

- Sponsors

(check if APE file exists on Drive)

TEMPLATE(S):

OLIGO(S):

THERMOCYCLER SETTINGS:

CONTROLS:

POSITIVE:

NEGATIVE: