Name: Jennifer Zhang

Date: 6/19/14

WEEKLY ONE SENTENCER: continue testing RBS primer/promoter pairs ✓

DAILY ONE SENTENCER: watch Lambert High School's iGEM presentation, colony PCR of yesterday's transformation → grow cultures if they work ✓

METHOD(S) OF CHOICE:
~~[illegible]~~ eyeballs
colony PCR ✓

EXPECTED RESULT:
band ~ ~~[illegible]~~ 1kb

✓

(☒ check if APE file exists on Drive)

✓ TEMPLATE(S): PH1/RM1 mcherry + PH2/RL1 mcherry

OLIGO(S): 080 - 085
0863
→ 80/81

THERMOCYCLER SETTINGS: [illegible] Haylee → 101 PCR

CONTROLS:

POSITIVE:

NEGATIVE:
no polymerase

CONFIRMATION?
~~gel~~ ✓

GEL LANE ORDER:

GEL PICTURE / OTHER SPACE:

Name: Kathryn Fitton

Date: 6/19/14

WEEKLY ONE SENTENCER:

Continue testing promoter RBS primers

DAILY ONE SENTENCER:

do colony PCR ~~from~~ w/ colonies ~~from~~ on plates; grow bacteria cultures for colonies that work; listen to Lambert's presentation

METHOD(S) OF CHOICE:

colony PCR

gel

EXPECTED RESULT:

band @ 1Kb

(☒ check if APE file exists on Drive)

TEMPLATE(S): pH1 RM1 mCherry & pH2 RL1 mCherry

OLIGO(S): 80-85363 → 90/81

THERMOCYCLER SETTINGS:

CONTROLS:

POSITIVE:

NEGATIVE:

w/o polymerase

CONFIRMATION?

gel

GEL LANE ORDER:

GEL PICTURE / OTHER SPACE:

Name: Stefanos Tassoulas

Date: 06/19/14

WEEKLY ONE SENTENCER:

Make competent cells ✓

Work on funding

DAILY ONE SENTENCER:

prep. ~~Make~~ comp cells ✓

Work on funding

METHOD(S) OF CHOICE:

- Incubator, ✓
- Phone
- Computer

EXPECTED RESULT:

$

- Success
- Sufficient cell growth ✓

(☐ check if APE file exists on Drive)

TEMPLATE(S):

OLIGO(S):

THERMOCYCLER SETTINGS:

CONTROLS:

POSITIVE:

NEGATIVE:

CONFIRMATION?

GEL LANE ORDER:

GEL PICTURE / OTHER SPACE:

Name: Tishi Chaudhury

Date: 6/19/14

WEEKLY ONE SENTENCER:
Continue the primer & promoter combination testing. ✓

DAILY ONE SENTENCER: -Critique/watch Lambert High's iGEM ppt. ✓
- Miniprep the colonies Colleen & I made yesterday (RBS+mcherry)
- Then if the concentrations are high we will create a frozen stock of them
- Sequence the Miniprep samples

METHOD(S) OF CHOICE:
-QIACube ☺ ✓

✓

✓

*Set up another cell culture with left over 5ml cell cultures from miniprep.
- PCR remaining stuff with promoters.

EXPECTED RESULT:
- High concentrations in the nanodrop

✓

☒ check if APE file exists on Drive)

TEMPLATE(S): PL1 + all RBS + mcherry. ✓

OLIGO(S): 0363 & PL1(84)

THERMOCYCLER SETTINGS: 94-2', {94'-15", 65-15", 68-1.5"}x31 - 68°C-4'; 4°C ✓

CONTROLS:

POSITIVE: with polymerase

✓

NEGATIVE: No polymerase

✓

CONFIRMATION?
~~Run~~ Get Thick gel.

GEL LANE ORDER:

1kb	RM1B	RH2B	RM1B	RM2B	RL1B	RLN
	PL1	PL1	PL1	PL1	PL1	PL1

GEL PICTURE / OTHER SPACE:

140619 promoter+RBS+mcherry

Name: Coleen Tran

Date: 6/19/14

WEEKLY ONE SENTENCER:

working on RBS+promoter combinations ✓

DAILY ONE SENTENCER:

make frozen stocks & sequence RBS+ mCherry clones ✓

METHOD(S) OF CHOICE:

sequencing, ✓

PCR

EXPECTED RESULT:

~1000 bp ✓

(☐ check if APE file exists on Drive)

TEMPLATE(S):

OLIGO(S): 81, 363 ✓

THERMOCYCLER SETTINGS: 94-2'; {94'-15"; 65-15"; 68-1.5'} x31; 68- 4'; 4°C ✓

CONTROLS:

POSITIVE:

?

NEGATIVE: no polymerase

CONFIRMATION?

Thick gel?

GEL LANE ORDER:

L RH1 RH2 RM1 RM2 RL4 PH1 N

PH2 PH2 PH2 PH2 PH2 PH2

GEL PICTURE / OTHER SPACE:

insert promoter primers 1461 9 promoter+RBS+ mCherry