

Name: Jennifer Zhang

Date: 7/11/14

WEEKLY ONE SENTENCE: continue building RBS and
forward pairs

DAILY ONE SENTENCE:
run RBS with double DMSO and dNTP @ 31
and 35 cycles

METHOD(S) OF CHOICE:

RR
q1

EXPECTED RESULT:
band @ 1 kb

☒ check if APE file exists on Drive)

TEMPLATE(S): mcherry

OLIGO(S): 74, 76
303

THERMOCYCLER SETTINGS: RBS 105 @ 31 / 35 cycles

CONTROLS:

POSITIVE:

→ should have used 362-4363 as pos. cont.
→ what are these settings?

NEGATIVE: no polymerase

CONFIRMATION?

q1

GEL LANE ORDER:

~~125~~

GEL PICTURE / OTHER SPACE:

Name: Coleen Tren

CONFIRMATION?

Date: 7/11/14

gel ✓

WEEKLY ONE SENTENCE:

working on RBS + mCherry

DAILY ONE SENTENCE:

trying to increase PCR products of RBS + mCherry

METHOD(S) OF CHOICE:

- PCR

- gel electrophoresis

EXPECTED RESULT:

~1 kb

(☒ check if APE file exists on Drive)

TEMPLATE(S): mCherry

OLIGO(S): 74, 76, 362

THERMOCYCLER SETTINGS:

94°-2' { 94°-15" ; 65°-15" ; 68°-1.5' } x 31 ; 68°-9' ; 4°-c

CONTROLS:

POSITIVE:

should have used
362 + 363

NEGATIVE:

no. polymerase ✓

GEL LANE ORDER:

① 74 76 N 74 76 N (25 cycles ; 31 cycles)
② 75 77 78 75 N
③ 74 75 77 78 N

GEL PICTURE / OTHER SPACE:

① 140711 35 vs. 31 cycles RBS + mCherry

② 140711 RBS + mCherry 31 cycles

③ 140711 Re-PCR RBS + mCherry

Name: Katie Fitton

CONFIRMATION?

Date: 7/11/14

WEEKLY ONE SENTENCER:

GEL LANE ORDER:

Continue working on RBS promoters

thin gel

DAILY ONE SENTENCER:

Run PCR w/ RBS promoters (74-77) & mcherry

GEL PICTURE / OTHER SPACE:

METHOD(S) OF CHOICE:

PCR gel electrophoresis

maybe gel extraction? maybe PCR cleanup?

EXPECTED RESULT:

band @ 1 kb

(☒ check if APE file exists on Drive)

TEMPLATE(S): mcherry

OLIGO(S): 363 & 79-77

THERMOCYCLER SETTINGS: RBS 65 w/ 31 cycles & then 35 cycles

CONTROLS:

POSITIVE:

should have used

362 & 363

NEGATIVE:

w/o polymerase

Name: Kishu C

CONFIRMATION?

Date: 7/11/14

gel

WEEKLY ONE SENTENCER:

GEL LANE ORDER:

- finally complete inserting PBS (74-77) in mCherry

1kb 74 76 76N 74 76 76b
(35)

DAILY ONE SENTENCER:

- redo the PCR @ 35 cycles with doublet reagents add
(PBS + mCherry) ✓ DMSO & dH₂O

METHOD(S) OF CHOICE:

- General PCR (1 with 35 cycle & 1 with 31 cycle)
- Gel extract ?
- Purification

EXPECTED RESULT:

- Bands @ 1kb

(☒) Check if APE file exists on Drive

TEMPLATE(S): mCherry(4)

OLIGO(S): 74-77, 363

THERMOCYCLER SETTINGS: @ 35 cycles & @ 31 cycles.

CONTROLS:

POSITIVE:

should have done
362 & 363

NEGATIVE:

No polymerase