

8-22-13
Steven Allen

Digest (Size-Check)

dH ₂ O	2.5 μ l	*	10 = 25
buffer 2	1 μ l		10
KSA	.5		5
EcoRI	.5		5
PstI	.5		5
PI8 _{mid}	5		5

1. Trans 1. C1
2. " " C2
3. " " C3
4. Trans 2 C1
5. " " C2
6. " " C3
7. Trans 5 C1
8. " " C2
9. " " C3

-37°C

- made plasmid preps of
Trans 3 sample 1+2
Trans 4 sample 1+2
Trans 6 sample 1+2

- Cadmium Test Procedure

- add 4ml of LB to each tube

* (sample A gets plain LB, the rest get LB+chlor)

- add 100 μ l of cells to each tube and appropriate

Cadmium concentration

A - DHSd (control)

B - K824008 slant (positive control)

C - mK824008 old-3

D - mK824008 old-6

* E - Trans. 1 C1

* F - Trans. 2 C1

* G - Trans. 5 C1

* H - Trans. 3 Sample 2

* I - Trans. 4 Sample 2

* J - Trans. 6 Sample 2

1 = 0mM

2 = 5mM (205 μ l Cd)

3 = 50mM (205 μ l Cd)

p58 for ligation, p.65 for test results

- made cultures of

Trans. 3 single colony

Trans. 4 single colony

Trans. 6 single colony