

Steen Allen  
7-19-13

- started fresh liquid cultures
- Procedure for comm. cells
- gel from yesterday

= Ligation

Promoter / const.	2 $\mu$
Backbone	2 $\mu$
10x Buffer	2
Ligase	1
dH <sub>2</sub> O	13
	<hr/>
	20 $\mu$

1. (K174015) + K99
2. K824008 A + ~~K99~~ chlor
3. B + chlor
4. K824012 + Chlor

• room temp ~ 10'  
• 80° ~ 20'

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## Transformation

1. > Ligation #1 (Page 39)
- 2.
3. > Ligation #2 (Page 39)
- 4.
5. > Ligation #3
- 6.
7. > Ligation #4
- 8.
9. F72100Z (Amp)
10. K08101Z

## Procedure:

- 50  $\mu$ l L.C. + 5  $\mu$ l DNA
- 700 = 2'
- 420 = 30'
- Ice = 2'
- add 1 ml warm SOC
- 370C = 1 hour
- Spin down!
- resuspend
- plate!