

8/8/13

• Digests of mutagenic ~~R~~ PCR samples (1-7)

dH ₂ O	2.5 λ	* 8	20 λ
Buffer	1 λ		8 λ
BSA	.5 λ		4 λ
EcoRI	.5 λ		4 λ
Pst	.5 λ		4 λ
Plasmid	5 λ		<u>40 λ</u>

• Transformed digests.

- 50 λ comp. cells + 5 λ DNA
- Ice for 2 min.
- 42° water bath 30 sec.
- Ice for 2 min.
- Add 1 mL warm Soc
- 37° C for 1 hour
- spin down, decant, resuspend cells
- plate

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- Cadmium tests
- Add 150 x cells
- Make 3 tubes per sample

Tube 1: 0 mm Cd

Tube 2: 5 mm Cd

Tube 3: 50 mm Cd

• used cultures from 8-5-13

A | competent cells

B | K824008

C | mk824008 A old-1

D | mk824008 A old-2

E | mk824008 A old-3

F | mk824008 A old-4

G | " " old-5

H | " " old-6

I | mk824008 B new-1

J | mk824008 B new-2

K | mk824008 A new-1

L | mk824008 A new-2

M | TRANS 3-1

1 - 0 mm

2 - 5 mm

3 - 50 mm