Transformation
- Steven Allen
- 6/21/13

- I721002 (Lead Binding Protein) -- 2
- + Control = pUC19 -- 2

- 50x CC + 2 1 DNA
- ICE = 2'
- 42° = 30'
- ICE = 2'
  - add 1mL warm SOC
  - No A.B.
- 37°C = 1 hour
- plate

6-21-13

PCR check of NEW PCR Machine

1	K824008 A	2.5x DNA
2	B	
3	K176012	
4	K299009	
5	dH_2O	

Program 001

95°C	15'	
94°C	30"	] 39x
62°C	30"	
68°C	3.5'	
68°C	20'	

Uses 0.2 ml tubes

Mix:

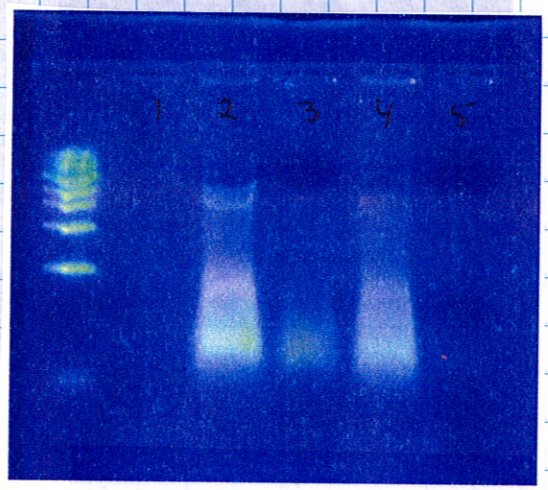
Buffer	2.5 x 5.5	=	13.75 ✓
$MgCl_2$	1.5	=	8.25 ✓
dNTPs	1	=	5.5
VR	.5	=	2.75
VF2	.5	=	2.75
+taq dH_2O	~~.5~~ ~~16~~	=	2.75 8 ✓
	~~22~~ 22.5		

Tube 1 came open

Doublet in Lane 2

Faint band in 4

5 is blank (neg ctrl)



6-21-13

Restriction digest of: ~~K824008~~

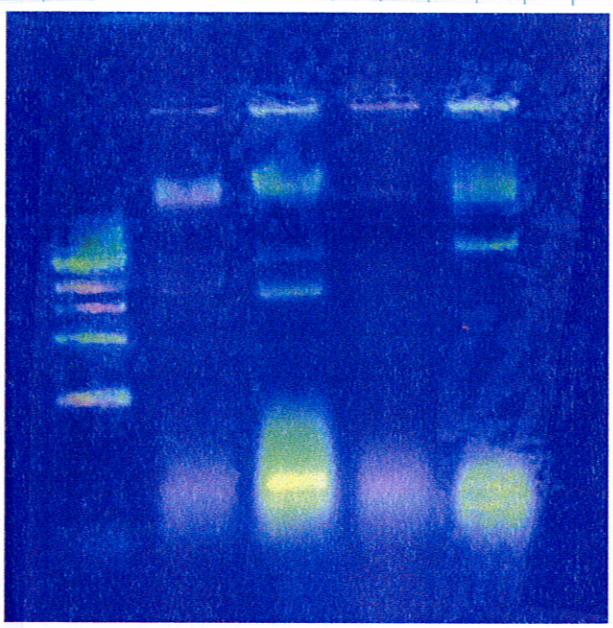
1. K824008 A
2. K824008 B
3. K176012
4. K299009

Use 10 λ of DNA

Mix:

Buffer 2	- 2 µl	x 6	= 12	µl
Eco RI	- .5 µl		= 3	µl
Pst I	- .5 µl		= 3	µl
dH_2O	- 7 µl		= 42	µl
	10		60	

1 & 2 identical



6-21-13

GE plasmid prep of

K174015
K081014-2
K824012
K824009
Appeared infected. - K081014-1
- K824009-1

6-21-13

Started Plasmid Prep of K824002, K824002 #2, and K824012.