Transforma	ation and	Expression o	of Pax into	o Rosetta Ce	ells Thurso	lay, April 10,2003
Transforma	tion i	and the same of th		with the last of t		
(ransiorma)	"shot" of	the Bosetto	cells were	thowed on	ice (Soul C	ells
One	1 26 200	minipues #1	(from p 3	B67 were a	ded and	
			Ciroin p. 5	00,000.0	4,70	
	ntly stirred		- 100 5	min		
The	Tube was	incubated i	on ice 3	OC SON SY	active 30 sec	
				C FOF CAL	actly 30 sec	
Th	en placed	on ice 2 n	nin.	1 +	h.lao	
- 25	oul of	SOC CFT V	vere adde	d to each	1400	0
- A	100 ML	and 150 M	L plate	was prepare	d on an L	B
pla	te contair	ning both	34 ug/mi	chlorampi	nenicol and	
50 100	o ug/mL	carbenicilli	in. Grown	overnight.		
Story design	Par Bulletin					1
· Roselta (	DE3) single	es from Nov	agen -	34 uglmL ch	nloramphenic	01
resistar	nce. Expr	esses rare	trnas; fa	cilitates the	expression	of genes
encodin	q Marare E	2. coli codor	ns.			
Par rest a	1 03 419 4	20 May 1 300-11				2
- Recipe	for the LE	3 plates use	ed above	Cfor 4 plate	es)	
F N		z auto				
(	100 ml dt					
	100 ML OF	50 maimi	carbenici	Ilin Z	added once	
	100 ML OF	34 maim	L chloram	phenical S L	B is < 60° C	
1	1.5 a bact	o agar			Bis <60°C	
	3	3				
	Ex 32.				Friday, A	pril 11, 2003
- A decey	of # of c	olonies we	re present	when chec	ked in the	
		Olor Mes The	7.00			
mornin	Ju tubes	4 m) of	IR WILL H	ul carben	icillin and	
al-laimin	on labes,	stacks were	ce ave sove	1 157000	onies we sel	ected
Chlorum	priericoi	sices wer	Line of	37° C	11103 110 301	
and g	rown over	rnight sho	iking ui	51 C.		
		MS 700 MI DO 100				

## Pilot Expression Continued:

Saturday, April 12,2003

- All 7 colonies selected grew up nicely in the 4 ml of LB media.
- Iml was taken for a glycerol stock (Iml culture in 350 ML of 600% glycerol) and stored at -80° c for each of the 7 samples.

(Note: after calling Novagen I was told that plasmid instability was found when more than a final concentration of 1000 glycerol was used.)

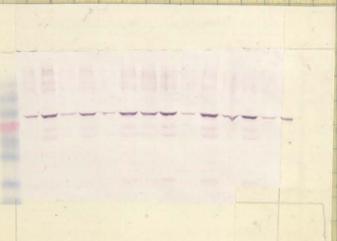
- 1 mL of each was placed in a new tube (#1+7) as the uninduced.
- Each of the 7 2-ml samples was induced with of 1M IPTG and both the uninduced and induced samples were grown avernight.

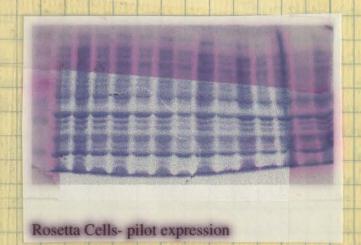
  (These were in a water bath supposedly at 37°C, but possibly

Sunday, April 13, 2003
500 uL aliquots of each sample were removed. Each was centrifuged
for 3 sec. at max speed and the supernatant was decanted and
discarded.

- Each cell pellet was resuspended by vortexing in Houl water and Houl 2x sps page reducing sample buffer.

Both a coomasic and a Western (developed w/ mouse anti-human paxillin as the primary anti-body) were run.





## 1

1 23 456 7891011 12 13 14 15

- 1 protein ladder
- 2 #1 uninduced
- 3 #1 induced
- u manceo
- 4 #2 uninduced 5 #2 induced
- 6 #3 uninduced
- 7 #3 induced
- 8. . etc.