

7-12-13

plasmid prep: J23100
J23100#2
J23102
J23104
J23104#2

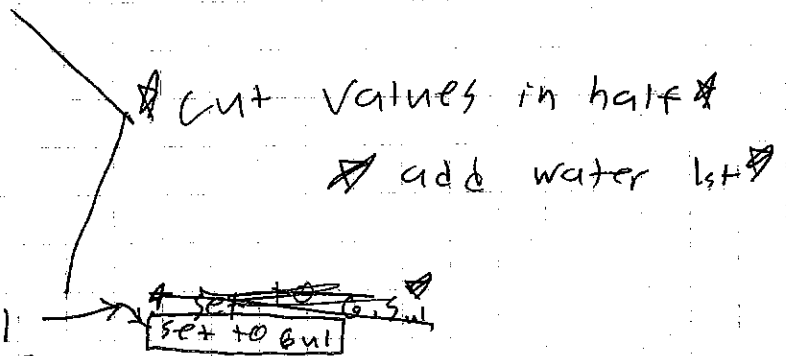
started culture: lead binding protein

Unbalanced dNTP Mix:

dATP 20 ul
dGTP 20 ul
dCTP 100 ul
dTTP 100 ul
H₂O 260 ul
store at -20°C

Mutant PCR Mix

10x Buffer 5 ul
unbalanced dNTPs 2.5 ul
forward primer 1 ul
Reverse primer 1 ul
25 mM MgCl₂ 10 ul
1mM MnCl₂ 7.5 ul
dH₂O 22.4 ul



Next, add to PCR tube: ~~0.5 ul Template~~
0.5 ul Taq

Mix Reaction thoroughly and place in a Thermal cycler

10x Buffer	2.5	x 4.5	11.25 ul
unbalanced dNTPs	1.25		5.63
forward primer	.5		2.25
reverse primer	.5		2.25
25 mM MgCl ₂	5		22.5
1mM MnCl ₂	3.75		16.88
dH ₂ O	6.8		24.25 27
taq	.5		2.25
	<u>20</u>		

samples next page

1. F174015
2. K824008 A
3. K824008 B
4. K824012

J. M. Hagen
PCR