

23/06/2016

23/06/2016 11:54

Additive: DMSO		0	%			
40 uL	1X_65ul 1.5ul Mg+	1ul	x	Master Mix (no primers)		21 x
Amount	Compound			Amount	Compound	
28.4 uL	ddH <sub>2</sub> O	0.71		596 uL	ddH <sub>2</sub> O	596.4
0 uL	DMSO 100%	0		0 uL	DMSO 100%	0
4 uL	10x PCR buffer	0.1		84 uL	10x PCR buffer	84
3.2 uL	dNTPs (2.5mM each)	0.08		67.2 uL	dNTPs (2.5mM each)	67.2
2.4 uL	MgCl <sub>2</sub>	0.06		50.4 uL	MgCl <sub>2</sub>	50.4
0.4 uL	Pf, 5µM	0.01		8.4 uL	Pf, 5µM	8.4
0.4 uL	Pr, 5 µM	0.01		8.4 uL	Pr, 5 µM	8.4
0.8 uL	DNA template	0.02		16.8 uL	DNA template	814.8
0.4 uL	Polymerase	0.01		8.4 uL	Polymerase	
40 uL	Total	1		840 uL	Total per tube ul:	38.8

40

## Colony PCR

1x	Cell Lysis	95	C	15'
1x	Initial Denaturation	95	C	5'
30 x	Denaturation	95	C	30"
	Annealing Temperature	57	C	35"
	Elongation	72	C	30"
1x	Elongation	72	C	7'
		4	C	inf