

16/06/2016

16/06/2016 11:10

Additive: DMSO		0	%			
40 uL	1X_65ul 1.5ul Mg+	1ul	x	Master Mix (no primers)		9 x
Amount	Compound			Amount	Compound	
29.6 uL	ddH ₂ O	0.74		266 uL	ddH ₂ O	266.4
0 uL	DMSO 100%	0		0 uL	DMSO 100%	0
4 uL	10x PCR buffer	0.1		36 uL	10x PCR buffer	36
3.2 uL	dNTPs (2.5mM each)	0.08		28.8 uL	dNTPs (2.5mM each)	28.8
0.4 uL	Pf, 10μM	0.01		3.6 uL	Pf, 10μM	331.2
0.4 uL	Pr, 10 μM	0.01		3.6 uL	Pr, 10 μM	
2 uL	DNA template	0.05		18 uL	DNA template	
0.4 uL	Phusion Polymerase	0.01		3.6 uL	Polymerase	
40 uL	Total	1		360 uL	Total per tube ul:	36.8

40

Note: Increased Amount of template (used: 5 %)

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