

16/06/2016

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Additive: DMSO		0	%			
40 uL	1X_65ul 1.5ul Mg+	1ul	x	Master Mix (no primers)		8 x
Amount	Compound			Amount	Compound	
30.8	uL ddH ₂ O	0.77		246	uL ddH ₂ O	246.4
0	uL DMSO 100%	0		0	uL DMSO 100%	0
4	uL 10x PCR buffer	0.1		32	uL 10x PCR buffer	32
3.2	uL dNTPs (2.5mM each)	0.08		25.6	uL dNTPs (2.5mM each)	25.6
0.4	uL Pf, 10µM	0.01		3.2	uL Pf, 10µM	304
0.4	uL Pr, 10 µM	0.01		3.2	uL Pr, 10 µM	
0.8	uL DNA template	0.02		6.4	uL DNA template	
0.4	uL Phusion Polymerase	0.01		3.2	uL Polymerase	
40	uL Total	1		320	uL Total per tube ul:	38 40

Note: 250 and 500 bp Gell purified in 4 multiplies: 57, 58.5, 58, 58.5, 59 C (8 Total)

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