

Additive: DMSO				0	%				
40 uL		1X_65ul 1.5ul Mg+		1ul	x	Master Mix (no primers)		9 x	
Amount		Compound				Amount		Compound	
30.8	uL	ddH ₂ O		0.77		277	uL	ddH ₂ O	
0	uL	DMSO 100%		0		0	uL	DMSO 100%	
4	uL	10x PCR buffer		0.1		36	uL	10x PCR buffer	
3.2	uL	dNTPs (2.5mM each)		0.08		28.8	uL	dNTPs (2.5mM each)	
0.4	uL	Pf, 10µM		0.01		3.6	uL	Pf, 10µM	
0.4	uL	Pr, 10 µM		0.01		3.6	uL	Pr, 10 µM	
0.8	uL	DNA template		0.02		7.2	uL	DNA template	
0.4	uL	Phusion Polymerase		0.01		3.6	uL	Polymerase	
40	uL	Total		1		360	uL	Total per tube ul:	

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