

1X 65ul 1.5ul Mg+		10 x		Master Mix (no primers)		10 x
Amount	Compound	Amount	Compound	Amount	Compound	
13.8 uL	ddH ₂ O	138 uL	ddH ₂ O	138		138
2 uL	10x PCR buffer	20 uL	10x PCR buffer	20		20
1.6 uL	dNTPs (2.5mM each)	16 uL	dNTPs (2.5mM each)	16		16
1.2 uL	MgCl ₂	12 uL	MgCl ₂	12		12
0.4 uL	Pf, 5μM	4 uL	Pf, 5μM	186		186
0.4 uL	Pr, 5 μM	4 uL	Pr, 5 μM			
0.4 uL	DNA template	4 uL	DNA template			
0.2 uL	Polymerase	2 uL	Polymerase			
20 uL	Total	200 uL	Total	mm per25 ul:		18.6

Note: Primers and dNTPs are kept in 1x amount

Efficiency calculations are needed to estimate the process
28 cycles

