

RXN #1				Cocktail Volume (uL)	2520
Reagent	[]	[] Units	Desired []	Des'd [] Units	Amount to add
Buffer	10	X	1	X	252
dNTP's	2	mM Each	0.2	mM Each	252
MgCl ₂	50	mM	1.5	mM	75.6
LGL331	40	uM	0.4	uM	25.2
LGL335	40	uM	0.4	uM	25.2
BSA	3	ug/ul	0.4	ug/ul	336
Taq	5	U/uL	0.05	U/uL	25.2
DNA	5	ng/uL	10	ng/rxn (2 uL/rxn)	252
Autoclaved ddH ₂ O			to 1130 uL		1276.8
					2520

Use PCR Cycles MAMSEX			
5 min	@	94	30x
30 sec	@	55	
30 sec	@	72	
30 sec	@	94	
30 sec	@	55	
30 sec	@	72	
30 sec	@	94	
30 sec	@	55	
10 min	@	72	

Is a 20 ul reaction volume