

Table S4: Amplification of target sgRNA for multiplexed cloning

Component	50 μl RxN (μl)		
H ₂ O	31		
5x Phusion GC Buffer	10		
10 mM dNTPs	1		
Fwd Primer (10 μ M stock)	2.5		
Rev Primer (10 μ M stock)	2.5		
pCi plasmid with target sgRNA	1 μ l		
DMSO	1.5		
Phusion Poln	0.5		
Total	50		
Thermocycler instructions			
Step	Temp	Time	Cycles
Initial Denaturation	98 °C	30 sec	1
Denaturation	98 °C	10 sec	
Annealing	60 °C	30 sec	35
Extension	72 °C	1 min	
Final Extension	72 °C	10 min	1
Hold	4 °C	hold	