

Table S5: Multiplex golden gate cloning

Component	Volume (μl)	
10× T4 Ligase Buffer	1	
pCi uncut (20 ng/μL)	1.25	
Cloned and purified sgRNA	2.5	
Sap1 (10,000u/ml)	0.5	
T4 DNA Ligase	0.5	
mQ	Up to 10 μl total volume	
Temperature (°C)	Duration	
37 (digestion)	5 min	30 cycles
16 (ligation)	5 min	
4	Forever	1