

Mfng

Mfng Delta			24	samples	Condition			
10X Ex Buffer	2.5	60 48 3.6 12 12 422.4	Take 23/sample					
dNTP (2.5mM)	2							
Ex Taq	0.15							
Primer 1623 (20uM)	0.5							
Primer 1755 (20uM)	0.5							
H2O	17.6							
	23.25							
DNA Template	2							
V Total in rxn mix	25							
					Exp. Size	(BPs)	delta	444 bp

Mfng Delta - WT			24	samples	Condition				
10X Ex Buffer	2.5	60 48 3.6 6 6 422.4	Take 23/sample		Temp (°C)	Time (Min:Sec)			
dNTP (2.5mM)	2				95	5:00			
Ex Taq	0.15				94	0:30			
Primer 877 (20uM)	0.25				58	0:30			
Primer 880 (20uM)	0.25				72	0:45			
H2O	17.6				72	5:00			
	22.75			4	∞	} X 35			
DNA Template	2								
V Total in rxn mix	25								
					Exp. Size	(BPs)	wt	—	370

Mfng WT/Flox		24	samples	Condition			
10X Ex Buffer	2.5	60		Temp (°C)		Time (Min:Sec)	
dNTP (2.5mM)	2			95	5:00		
Ex Taq	0.15			94	0:30		
Primer 882 (20uM)	0.5			58	0:30		
Primer 885 (20uM)	0.5			72	0:30		
H2O	17.6			72	5:00		
	23.25	Take 23/sample		4	∞		
DNA Template	2						
V Total in rxn mix	25						
				Exp. Size	(BPs)	WT	369 bp
						Flox	426 bp

Primer 1623 (20uM) GGCCCTCTCACATGGATTTT
 Primer 1755 (20uM) TCTACCTCCAAGCACTAAGG

Primer 877 (20uM) GTGCTGAAGCAGAGGCCATG
 Primer 880 (20uM) CAAGGTGAAGGAGCCCAGTT

Primer 882 (20uM) CCAGCTTTGGAATTGAGTGT
 Primer 885 (20uM) ATATCCCCAGCCTCACCCT