

Clec4g

Clec4g WT/Floxed			12	samples	Condition			
10X EX buff	2.5		30		Temp (°C)	Time (Min:Sec)		
dNTP (2.5mM)	2		24		95	5:00		
Ex Taq HS	0.125		1.5		94	0:30		
Primer1822 (20uM)	0.25		3		60	0:30		
Primer 1823(20uM)	0.25		3		72	1:00		
H2O	18.7		224.4		72	5:00		
	23.825	Take 23/sample			4	∞		
DNA Template	2				Exp. Size	(BPs)	WT	552bp
V Total in rxn mix	25						Floxed	789bp

} X 35

Clec4g Delta			17	samples	Condition			
10X EX buff	2.5		42.5		Temp (°C)	Time (Min:Sec)		
dNTP (2.5mM)	2		34		95	5:00		
Ex Taq HS	0.125		2.125		94	0:30		
Primer1825 (20uM)	0.25		4.25		58	0:30		
Primer 1824(20uM)	0.25		4.25		72	1:00		
H2O	18.7		317.9		72	5:00		
	23.825	Take 23/sample			4	∞		
DNA Template	2				Exp. Size	(BPs)	Delta	716bp
V Total in rxn mix	25							

} X 35

Primer1822 (20uM) CAGGGTGCCCATCTGGTGAT
 Primer 1823(20uM) GGTTTGGAGACAGGAGAGCC

Primer 1824(20uM) GCTAAATATGCAGCTGGAGC
 Primer1825 (20uM) CCTCTGAGGTTTTCTGACTG