

Pomgnt1

Pomgnt1 WT/Floxed		23	samples		Condition	
10X Ex Buffer	2.5	57.5			Temp (°C)	Time (Min:Sec)
dNTP (2.5mM)	2	46			95	5:00
Ex Taq	0.15	3.45			94	0:30
Primer 1607 (20uM)	0.5	11.5			60	0:30
Primer 1608 (20uM)	0.5	11.5			72	0:45
H2O	17.6	404.8	Take 23/sample		72	5:00
	23.225				4	∞
DNA Template	2				Exp. Size (BPs) wt — 476	
V Total in rxn mix	25					
					floxed — 557	

Pomgnt1 Delta		19	samples		Condition	
10X Ex Buffer	2.5	47.5			Temp (°C)	Time (Min:Sec)
dNTP (2.5mM)	2	38			95	5:00
Ex Taq	0.15	2.85			94	0:30
Primer 1607 (20uM)	0.5	9.5			58	0:30
Primer 1796 (20uM)	0.5	9.5			72	0:45
H2O	17.6	334.4	Take 23/sample		72	5:00
	23.225				4	∞
DNA Template	2				Exp. Size (BPs) delta — 558	
V Total in rxn mix	25					

Primer 1607 (20uM) CTGGGCCCACACAAGTCATGA
 Primer 1608 (20uM) TCTCTGCTCAAACGCTGCCC
 Primer 1796 (20uM) TTGATGCTGTTATAGAGGCC