

B3GnT5

B3GnT5 Delta		10	samples	Condition			
10X Ex Buffer	2.5	25		Temp (°C)	Time (Min:Sec)		
dNTP (2.5mM)	2			95	5:00		
Ex Taq	0.15			94	0:30		
Primer 1092 (20uM)	0.25			58	0:30		
Primer 1100 (20uM)	0.25			72	1:00		
H2O	17.6			72	5:00		
	22.75	23/sample		4	∞		
DNA Template	2						
V Total in rxn mix	25			Exp. Size	(BPs)	Delta	552bp

B3GnT5 Floxed			10	samples	Condition								
10X Ex Buffer	2.5	25	20	1.5	2.5	2.5	176	23/sample	}	x 30			
dNTP (2.5mM)	2												
Ex Taq	0.15												
Primer 1097 (20uM)	0.25												
Primer 1100 (20uM)	0.25												
H2O	17.6												
	22.75												
DNA Template	2												
V Total in rxn mix	25												
										Exp. Size	(BPs)	Floxed	565
												WT	328

Primer 1092 (20uM) GTTCGTGGTATGATGCATGA

Primer 1100 (20uM) CTGAGTCTCTACTGTCAGAA

Primer 1097 (20uM) GAAGCTGCCATGGATTAGGT