

St6galnac2

St6galnac2 Delta			20	samples		Condition		
10X Ex Buffer	2.5	50 40 4 10 10 352	Take 23/sample	Temp (°C)	Time (Min:Sec)		} X 30	
dNTP (2.5mM)	2			95	5:00			
Ex Taq	0.2			94	0:30			
Primer 1579(20uM)	0.5			58	0:30			
Primer 1580(20uM)	0.5			72	0:45			
H2O	17.6			72	5:00			
	23.3			4	∞			
DNA Template	2							
V Total in rxn mix	25			Exp. Size	(BPs)	delta	300	

St6galnac2 WT/Floxed			8	samples	Condition																
10X Ex Buffer	2.5	20 16 1.6 4 4 140.8	<table><thead><tr><th>Temp (°C)</th><th>Time (Min:Sec)</th></tr></thead><tbody><tr><td>95</td><td>5:00</td></tr><tr><td>94</td><td>0:30</td></tr><tr><td>58</td><td>0:30</td></tr><tr><td>72</td><td>1:00</td></tr><tr><td>72</td><td>10:00</td></tr><tr><td>4</td><td>∞</td></tr></tbody></table>				Temp (°C)	Time (Min:Sec)	95	5:00	94	0:30	58	0:30	72	1:00	72	10:00	4	∞	} X 30
Temp (°C)	Time (Min:Sec)																				
95	5:00																				
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58	0:30																				
72	1:00																				
72	10:00																				
4	∞																				
dNTP (2.5mM)	2																				
Ex Taq	0.2																				
Primer 1262(20uM)	0.5																				
Primer 1083(20uM)	0.5																				
H2O	17.6																				
	23.3	Take 23/sample																			
DNA Template	2																				
V Total in rxn mix	25				Exp. Size	(BPs)	WT	469													
							floxed	547													

Primer 1579(20uM) GCTAGCCTAAGCTCATAAGG

Primer 1580(20uM) CAATGTGTGTATCAGGGATG

Primer 1262(20uM) AATCTGAGCCAGCACAAAGT

Primer 1083(20uM) AAGGACTCGGGGAGCTTAGG