

Siglech

Siglech HR	26	samples	Condition
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10X Ex Buffer	2.5	65
dNTP (2.5mM)	2	52
Ex Taq	0.125	3.25
Primer 1795(20uM)	0.25	6.5
Primer ON17(20uM)	0.25	6.5
H2O	18.6	483.6
	23.725	Take 23/sample
DNA Template	2	
V Total in rxn mix	25	

Temp (°C)	Time (Min:Sec)
95	5:00
94	0:30
58	0:30
72	0:30
72	5:00
4	∞

} X 30

Exp. Size (BPs) HR 468bp

Siglech Floxed	26	samples	Condition
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10X Ex Buffer	2.5	65
dNTP (2.5mM)	2	52
Ex Taq	0.125	3.25
Primer 1795(20uM)	0.25	6.5
Primer 1815(20uM)	0.25	6.5
H2O	18.6	483.6
	23.725	Take 23/sample
DNA Template	2	
V Total in rxn mix	25	

Temp (°C)	Time (Min:Sec)
95	5:00
94	0:30
58	0:30
72	1:00
72	5:00
4	∞

} X 30

Exp. Size (BPs) WT 663bp
Floxed 885bp

Siglech Delta	26	samples	Condition
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10X Ex Buffer	2.5	65
dNTP (2.5mM)	2	52
Ex Taq	0.125	3.25
Primer 1793(20uM)	0.25	6.5
Primer 1795(20uM)	0.25	6.5
H2O	18.6	483.6
	23.725	Take 23/sample
DNA Template	2	
V Total in rxn mix	25	

Temp (°C)	Time (Min:Sec)
95	5:00
94	0:30
58	0:30
72	1:00
72	5:00
4	∞

} X 30

Exp. Size (BPs) Delta 680bp

Primer 1793(20uM) agggccagagattgacatca
Primer 1795(20uM) GCTGCAGGCAGATTCATGAA
Primer 1815(20uM) ACCCCCCATCTTTTCCTGGA

