



Welcome to The Genotyping Protocol System

Master Protocol

Strain Name: C57BL/6NJ-*Fibin*^{em1J/J}
Stock Number: 029208
Allele: *Fibin*^{em1J} Probe
Protocol Name: *Fibin*^{em1J} Probe
Method: Probe
Created: 28-September-2016 (LUCASM) **Updated:** 14-November -2016 (ESCHAAB)

Notes

Mut= 120 bp
 Expected Results: Wt= 103 bp

Attachments



View [Fibin-403733 EP.jpg](#)

- View [Fibin Genomic.gcs](#)

Protocol Primers

Primer	5' Label	Sequence 5' --> 3'	3' Label	Description	Reaction
29949	-	ACG AGC TGC TGG CAC ATA C	-	Wild type Forward	A
29950	-	TGG AAA TAT TAG CCT GTC TTC TG	-	Common	A
29951	-	ACT TCG TGC CTG ATG GAG AC	-	Mutant Forward	A
29952	Hex	AGG TCG ACT GAA AAG CGA CT	Black Hole Quencher 1	WT Probe	A
29953	6-FAM	CTG CTC TTC AGG GTG AGT GA	Black Hole Quencher 1	MUT Probe	A

Number Of Reactions 1

Reaction A (Endpoint 3 primer)		Cycling (EndPoint)			
Component	Final Concentration	Step #	Temp°C	Time	Note
Kapa Probe Fast QPCR	1 X	1	95	3min	-
ddH2O		2	95	5sec	-
29949	.4 uM	3	60	30sec	-
29953	.4 uM	4	-	-	repeat steps 2-3 for 40 cycles
29952	.4 uM	5	4	-	Forever
Wt Probe	.15 uM				
Mutant Probe	.15 uM				
DNA					

Version 3.2