



Welcome to The Genotyping Protocol System

Master Protocol

Strain Name: C57BL/6NJ-Col16a1^{em1J}/J

Stock Number: 029207

Allele: Col16a1^{em1J} ProbeProtocol Name: Col16a1^{em1J} Probe Alternate2

Method: Probe

Created: 12-December -2016 (ESCHAAB) Updated: 15-December -2016 (ESCHAAB)

Attachments



View col16a1 JW.jpg

- View Col16a1 Genomic.gcs
- View Col16aem1jMolDesApr2016-1.docx

Protocol Primers

Primer	5' Label	Sequence 5' --> 3'	3' Label	Description	Reaction
27866	-	GAG CTC TGC TGG GCA GTC	-	Common	A
30340	-	CTG CCA TTG CCT GTG AGA	-	Mutant Reverse	A
30341	Hex	CAA CTC TGT CCC AGG TGA GC	Black Hole Quencher 1	WT Probe	-
30342	6-FAM	AGC ACG CAC ACA CAA AAC C	Black Hole Quencher 1	MUT Probe	-
31016	-	AGG CTG CAC TCA CCA GTC AC	-	Wild type Reverse	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	-
27866	.4 uM	3	60	30sec	-
31016	.4 uM	4	-	-	repeat steps 2-3 for 40 cycles
30340	.4 uM	5	4	-	Forever
Wt Probe	.15 uM				
Mutant Probe	.15 uM				
DNA					

Version 3.2