



Welcome to The Genotyping Protocol System

Master Protocol

Strain Name: C57BL/6NJ-Ddx59^{em1}J/J
Stock Number: 025817
Allele: Ddx59^{em1}j-EP
Protocol Name: Ddx59^{em1}j-EP
Method: End Point Analysis
Created: 16-April -2015 (DTG) **Updated:** 07-May -2015 (JKELMEN)

Notes

Expected Results: Mutant = -----/-----
 Heterozygote = TTGACGTT/-----
 Wild type = TTGACGTT/TTGACGTT

Attachments



View 273298-ep3.jpg

- View Ddx59em1J-25817.gcs
- View Ddx59em1j_3-23-15.docx

Sequence

Sequence TCAGGCTGACACCATGTTGAAGATGGGCTT
 TCAGCAGCAAGTGC(TTGACGTT)TTGGAACACACTCCT

Protocol Primers

Primer	5' Label	Sequence 5' --> 3'	3' Label	Description	Reaction
23298	-	CAG GCT GAC ACC ATG TTG AA	-	Forward	-
23299	-	TGA GCT GTT CTA TGC TAT CTG GA	-	Reverse	-
23300	Hex	AAG TGC TTG ACG TTT TGG AA	Black Hole Quencher 1	WT Probe	-
23301	6-FAM	CAG CAA GTG CTT GGA ACA C	Black Hole Quencher 1	MUT Probe	-

Reaction/Components A

Reaction Components	Volume Amt	Final Concentration	Total Volume Amt
2 X Kapa Probe Fast QPCR	2.50	.83	-
ddH2O	1.44	-	-
20 uM 23298	0.02	.07	-
20 uM 23299	0.02	.07	-
20 uM 23300	0.01	.03	-

Cycling

Step #	Temp °C	Time	Note
1	95	10min	-
2	95	15sec	-
3	60	1min	repeat steps 2-3 for 40 cycles

Reaction/Components A			
20 uM 23301	0.01	.03	-
DNA	2.00	-	-

Number Of Reactions 1

Version 3.2