



Welcome to The Genotyping Protocol System

Master Protocol

Strain Name: C57BL/6NJ-Prss56^{em1J}J
Stock Number: 027254
Allele: Prss56^{em1J}-EP
Protocol Name: Prss56^{em1J}-EP
Method: End Point Analysis
Created: 06-July -2015 (JKELMEN) **Updated:** 05-August -2015 (ESCHAAB)

Notes

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

Attachments



View 288081-ep2.jpg

- View Prss56 mutation for end point assay_7-2-15[1].docx
- View Prss56 with mutation_7-2-15.gcs

Sequence

Sequence GGGTCTCCCGCCTTGGCCCCAGGTCACCATGC[G]CGCTGGCTATGTTGTTGCTGCTGCT
 GCTGCT

Protocol Primers

Primer	5' Label	Sequence 5' --> 3'	3' Label	Description	Reaction
22841	-	TCC AGG AAT AAA GAG GAC AGG	-	Forward	-
22842	-	TGG GAG TCT GGG GAC AGT AG	-	Reverse	-
24168	Hex	CAC CAT GCC GCT GGC T	Black Hole Quencher 1	WT Probe	-
24169	6-FAM	ACC ATG CGC GCT GGC	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	.42	-
ddH2O	7.44	-	-
100 uM 22841	0.02	.17	-
100 uM 22842	0.02	.17	-
100 uM 24168	0.01	.08	-

Cycling

Step #	Temp °C	Time	Note
1	95	10min	-
2	92	15sec	-
3	60	1 min	-
4	-	-	repeat steps 2-3 for 40 cycles
5	4	-	Forever

Reaction/Components A			
100 uM 24169	0.01	.08	-
DNA	2.00	-	-

Number Of Reactions 1

Version 3.2