



Welcome to The Genotyping Protocol System

Master Protocol

Strain Name: C57BL/6NJ-Zfp219^{em1J}J
Stock Number: 026910
Allele: Zfp219^{em1J}-EP
Protocol Name: Zfp219^{em1J}-EP
Method: End Point Analysis
Created: 09-April -2015 (DTG) **Updated:** 13-April -2015 (JKELMEN)

Notes

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

Attachments



View 268725-ep2.jpg

- View Zfp219_em1j_1-20-15.docx
- View Zfp219-CRISPR.gcs

Sequence

Sequence TCGACGGCGAGCTGGATCTGCAG(cgctactccaacggaccag/-----)GTGTCAGTGGG
ACTCC

Protocol Primers

Primer	5' Label	Sequence 5' --> 3'	3' Label	Description	Reaction
22921	-	GGT CTT TTC CAC CCT GTC CT	-	Forward	-
22922	-	CTC AGA CCA ACC CAC TGC TC	-	Reverse	-
22923	Hex	CGC TAC TCC AAC GGA CCA	Black Hole Quencher 1	WT Probe	-
22924	6-FAM	TGG ATC TGC AGG TGT CAG T	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	-	-
100 uM 22921	0.02	.33	-
100 uM 22922	0.02	.33	-
100 uM 22923	0.01	.17	-

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 22924	0.01	.17	-
DNA	2.00	-	-

Number Of Reactions 1

Version 3.2