



Welcome to The Genotyping Protocol System

Master Protocol

Strain Name: C57BL/6NJ-Adad2^{em1J/J}
Stock Number: 025475
Allele: Adad2^{em1J}-EP
Protocol Name: Adad2^{em1J}-EP
Method: End Point Analysis
Created: 16-April -2015 (DTG) **Updated:** 24-April -2015 (HDUQUETT)

Notes

Mutant = C::ATGA::G
 Wild type = CCTAGGACCG
 Expected Results: Mutation is a 8 bp deletion and 4 bp insertion.

Attachments



View [Ada2 10 uL JR 25475.jpg](#)

- View [25475-Adad2em1J Wt vs Mut.spf](#)
- View [Adad2_WT.gcs](#)
- View [25475 EndPt 9-4-14.txt](#)
- View [Adad2_8ntdel_4ntins.gcs](#)

Protocol Primers

Primer	5' Label	Sequence 5' --> 3'	3' Label	Description	Reaction
19967	-	GCG CAG GAG ACC TCG ACT	-	Forward	-
19968	-	TCC CTG TGG GCC TCT TGT	-	Reverse	-
19969	Hex	GCC CCT AGG ACC GCT G	Black Hole Quencher 1	WT Probe	-
19970	6-FAM	CGG CCC ATG AGC TGA G	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 19967	0.02	.17	-
100 uM 19968	0.02	.17	-
100 uM 19969	0.01	.08	-
100 uM 19970	0.01	.08	-

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

DNA	2.00	-	-
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Number Of Reactions 1

Version 3.2
