Print Logout

The Jackson Laboratory
Leading the search for tomorrow's cures

Welcome to The Genotyping Protocol System

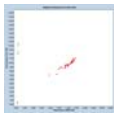
Master Protocol

Strain Name: C57BL/6NJ-*Rbm25*^{em1J}/J
Stock Number: 029522
Allele: Rbm25^{em1J} Probe
Protocol Name: Rbm25^{em1J} Probe
Method: Probe
Created: 30-November -2016 (DTG) **Updated:** 15-December -2016 (ESCHAAB)

Notes

Notes:	Taqman qPCR protocols are run on a real time PCR instrument. Use an appropriate instrument specific Fluorophore/Quencher combination. The transgene genotype is determined by comparing ΔCt values of each unknown sample against known homozygous and hemizygous controls, using appropriate endogenous references.
Expected Results:	Mut= 120 bp Wt= 124 bp

Attachments



View rbm25 JW.jpg

\- View Rbm25 genomic.gcs

\- View Rbm25em1jMolDesJuly2016.docx

Protocol Primers

Primer	5' Label	Sequence 5' --> 3'	3' Label	Description	Reaction
29035	-	GAC TTC AGT GAC CTC ATA AGT ATT ACC	-	Common	A
30876	-	ACT CAC AAA ATC CAA AAG CTA ACA A	-	Wild type Reverse	A
30877	-	AGC AAA CCA ACA GTC ATC CA	-	Mutant Reverse	A
30878	6-FAM	TGC CTT GCA GGA GTG TAT TTT	Black Hole Quencher 1	MUT Probe	-
30879	Hex	TGC CTT GCT GTA TTT TTT CAT GT	Black Hole Quencher 1	WT Probe	-

Number Of Reactions 1

Reaction A (Endpoint 3 primer)

Component	Final Concentration
Kapa Probe Fast QPCR	1 X
ddH2O	
29035	.4 uM
30877	.4 uM
30876	.4 uM
Wt Probe	.15 uM

Cycling (EndPoint)

Step #	Temp°C	Time	Note
1	95	3min	-
2	95	5sec	-
3	60	30sec	-
4	-	-	repeat steps 2-3 for 40 cycles
5	4	-	Forever

Reaction A (Endpoint 3 primer)	
Mutant Probe	.15 uM
DNA	

Version 3.2