



Welcome to The Genotyping Protocol System

Master Protocol

Strain Name: C57BL/6NJ-Atp2b3^{em1J}/J
Stock Number: 029829
Allele: Atp2b3^{em1j} Probe
Protocol Name: Atp2b3^{em1j} Probe
Method: Probe
Created: 31-October -2016 (DTG) **Updated:** 31-October -2016 (DTG)

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 ΔC_t values of each unknown sample against known homozygous and hemizygous controls, using appropriate endogenous references.

Expected Results: Mut= 106 bp
Wt= 105 bp

Protocol Primers

Primer	5' Label	Sequence 5' --> 3'	3' Label	Description	Reaction
30512	-	CCT CAG GAC CTC TTG TTC CA	-	Mutant Forward	-
30513	6-FAM	TCA AAT CCA TCA ACC CCT TG	Black Hole Quencher 1	MUT Probe	-
30514	-	CTA GGG AAG GCT AGG GAT GC	-	Wild type Forward	-
30515	Hex	AGA AAG GTA CTG GGC AAG ATA GAC	Black Hole Quencher 1	WT Probe	-
30516	-	TGT CTG AGG GTT AGG TGG CTA	-	Common	-

Number Of Reactions 1

Version 3.2