



Welcome to The Genotyping Protocol System

Master Protocol

Strain Name: C57BL/6NJ-Tmem87b^{em1J/J}**Stock Number:** 029854**Allele:** Tmem87b^{em1j} Probe**Protocol Name:** Tmem87b^{em1j} Probe**Method:** Probe**Created:** 01-November -2016 (DTG) **Updated:** 01-November -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:

Mutant= 108 bp

Wild Type =108 bp

Protocol Primers

Primer	5' Label	Sequence 5' --> 3'	3' Label	Description	Reaction
30532	-	ATG AAT GTA TCT CAT TTT GCA GTG AT	-	Mutant Forward	-
30533	-	AAG TCT TCG TGT GTA CAA AGC TG	-	Wild type Forward	-
30534	-	TTT AGA GCA TTT CTA AAA CCA TAA GC	-	Common	-
30535	6-FAM	TTC ATG TTA CTA TTA AAA CAG CCA GT	Black Hole Quencher 1	MUT Probe	-
30536	Hex	CAC CAG CTG AGT AGG CTA CAA	Black Hole Quencher 1	WT Probe	-

Number Of Reactions 1

Version 3.2