



Welcome to The Genotyping Protocol System

Master Protocol

Strain Name: C57BL/6NJ-Actg2^{em1J}/J
Stock Number: 029949
Allele: Actg2^{em1J}
Protocol Name: Actg2^{em1J} Probe
Method: Probe
Created: 28-November -2016 (DTG) **Updated:** 28-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= 129 bp
Wild Type = 100 bp

Protocol Primers

Primer	5' Label	Sequence 5' --> 3'	3' Label	Description	Reaction
30808	-	GAG GAC ACC AAG GCA GGT C	-	Common	-
30809	-	CTG TGG AAT GGT CTG GAG TTT	-	Wild type Reverse	-
30810	-	ACT TCC CCA GCC AGT TTC TA	-	Mutant Reverse	-
30811	Hex	ACT GGC ATA GTT CTT GCC CTT A	Black Hole Quencher 1	WT Probe	-
30812	6-FAM	TGT CCC CTC CAA GTA AAA GAA C	Black Hole Quencher 1	MUT Probe	-

Number Of Reactions 1

Version 3.2