



Welcome to The Genotyping Protocol System

Master Protocol

Strain Name: C57BL/6NJ-*Iqsec2*^{em1J/J}
Stock Number: 029801
Allele: *Iqsec2*^{em1J} Probe
Protocol Name: *Iqsec2*^{em1J} Probe
Method: Probe
Created: 27-October -2016 (DTG) **Updated:** 27-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: Mutant= 93 bp
Wild Type = 95 bp

Protocol Primers

Primer	5' Label	Sequence 5' --> 3'	3' Label	Description	Reaction
30443	-	AGT TAT GGA GAT GGG GCT CT	-	Mutant Forward	-
30444	-	AGG AGA TGG CTC TGG TTG AA	-	Wild type Forward	-
30445	-	CTG TCC CTC CCT GAA TAC CA	-	Common	-
30452	6-FAM	ACG GGA AGG GAC TGA AAG G	Black Hole Quencher 1	MUT Probe	-
30453	Hex	ATG GGA GTG GGA TAC GAA GA	Black Hole Quencher 1	WT Probe	-

Number Of Reactions 1

Version 3.2