



Welcome to The Genotyping Protocol System

Master Protocol

Strain Name: C57BL/6NJ-AU040320^{em1J}/_J
Stock Number: 029785
Allele: AU040320^{em1J} Probe
Protocol Name: AU040320^{em1J} Probe
Method: Probe
Created: 25-October -2016 (DTG) **Updated:** 25-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= 116 bp
Wild Type = 120 bp

Protocol Primers

Primer	5' Label	Sequence 5' --> 3'	3' Label	Description	Reaction
30387	-	CTG TCT TCG ATT CTG CCT CA	-	Common	-
30388	-	TAC GCA TAC GCC AGC CTG T	-	Mutant Reverse	-
30389	-	CTG TTG GCA TCT GCT CTC AT	-	Wild type Reverse	-
30390	Hex	TGC TGG GTT CTT CCT AAG TGT	Black Hole Quencher 1	WT Probe	-
30391	6-FAM	CTA TGC ATG AGC AAC TGA GC	Black Hole Quencher 1	MUT Probe	-

Number Of Reactions 1

Version 3.2