



Welcome to The Genotyping Protocol System

Master Protocol

Strain Name: C57BL/6NJ-*Slc44a2*^{em1J}J
Stock Number: 029751
Allele: *Slc44a2*^{em1J} Probe
Protocol Name: *Slc44a2*^{em1J} Probe
Method: Probe
Created: 11-October -2016 (LUCASM) **Updated:** 11-October -2016 (LUCASM)

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= 94 bp
Wild Type = 112 bp

Protocol Primers

Primer	5' Label	Sequence 5' --> 3'	3' Label	Description	Reaction
30209	-	GGA CAA TGG TCT CTG ATG AGC	-	Common	-
30210	-	CCA GCA GAA GAA GCT GGA GA	-	Wild type Reverse	-
30211	-	CCT TGA GGA AAC TAG CTT TTG A	-	Mutant Reverse	-
30212	Hex	TCC CCC TAA GCC ATA AGG A	Black Hole Quencher 1	WT Probe	-
30213	6-FAM	CAC TGG TTT ATC CTG CTT TGC	Black Hole Quencher 1	MUT Probe	-

Number Of Reactions 1

Version 3.2