



Welcome to The Genotyping Protocol System

Master Protocol

Strain Name: C57BL/6NJ-*Tubb2a*^{em1J}/J
Stock Number: 029727
Allele: *Tubb2a*^{em1J} Probe
Protocol Name: *Tubb2a*^{em1J} Probe
Method: Probe
Created: 30-September-2016 (LUCASM) **Updated:** 30-September-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= 144 bp
Wild Type = 116 bp

Protocol Primers

Primer	5' Label	Sequence 5' --> 3'	3' Label	Description	Reaction
29990	-	CTT GCA GCT GGA GAG GAT CA	-	Wild type Forward	-
29991	-	CCT TGT CTG CAT GCT GGT AG	-	Common	-
29992	-	CAT TCC CAA GAC CCT CTG C	-	Mutant Forward	-
29993	Hex	AGC TGC TGG TAA GAG TTT GGA	Black Hole Quencher 1	WT Probe	-
29994	6-FAM	TCT TGC CCT GCT GTC TTT CT	Black Hole Quencher 1	MUT Probe	-

Number Of Reactions 1

Version 3.2