



Welcome to The Genotyping Protocol System

Master Protocol

Strain Name: C57BL/6NJ-*Dock9^{em1}J/J*
Stock Number: 029804
Allele: *Dock9^{em1}j*
Protocol Name: *Dock9^{em1}j* Probe
Method: Probe
Created: 26-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= 98 bp
Wild Type = 111 bp

Protocol Primers

Primer	5' Label	Sequence 5' --> 3'	3' Label	Description	Reaction
30429	-	TTG CCA TAG AAA AGC TGC TG	-	Mutant Forward	-
30430	-	AGT AAT CGT GAG AAT GCT TGT AGA C	-	Wild type Forward	-
30431	-	TCA CCC ATA TGT TCT TAC TGC TG	-	Common	-
30432	6-FAM	GAT ATT GAT AAC GAC ACA GTT GCT C	Black Hole Quencher 1	MUT Probe	-
30433	Hex	ATC GAA AGA CCC AGT GTC ATA	Black Hole Quencher 1	WT Probe	-

Number Of Reactions 1

Version 3.2