



Welcome to The Genotyping Protocol System

Master Protocol

Strain Name: C57BL/6NJ-Cachd1^{em1J}J
Stock Number: 029726
Allele: Cachd1^{em1J} Probe
Protocol Name: Cachd1^{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= 80 bp
Wild Type = 101 bp

Protocol Primers

Primer	5' Label	Sequence 5' --> 3'	3' Label	Description	Reaction
29985	-	GGC AGA TGA TAA TAC TTT ATT GCT G	-	Common	-
29986	-	GAC ACC CAG GTC ATC TTT GC	-	Wild type Reverse	-
29987	-	TGA ACA TTA ACT GAG GCT CTC TAG G	-	Mutant Reverse	-
29988	Hex	TGC AAA ACA CCT GGA CAT CA	Black Hole Quencher 1	WT Probe	-
29989	6-FAM	TGA GGC TCT CTA GGC AAG C	Black Hole Quencher 1	MUT Probe	-

Number Of Reactions 1

Version 3.2