



Welcome to The Genotyping Protocol System

Master Protocol

Strain Name: C57BL/6NJ-*Tmem131*^{em1J}/J (Formerly D930015E06Rik)
Stock Number: 029815
Allele: *Tmem131*^{em1j} (Formerly D930015E06Rik)
Protocol Name: *Tmem131*^{em1j} (Formerly D930015E06Rik)
Method: Probe
Created: 31-October -2016 (DTG) **Updated:** 31-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= 106bp
Wild Type = 98bp

Sequence

Wt Sequence:

Sequence Mutant Sequence:

GC rich region

Protocol Primers

Primer	5' Label	Sequence 5' --> 3'	3' Label	Description	Reaction
30498	-	GTT TCT TTG CCG TGC ATT AC	-	Common	-
30499	-	TCT TCT GCC TGC CAC AGC	-	Wild type Reverse	-
30500	-	CTG GAC ACC CAC CTT CTG	-	Mutant Reverse	-
30501	Hex	TTT GAG CCC TTG CCG AAC	Black Hole Quencher 1	WT Probe	-
30502	6-FAM	CAT GTG ACA GGG TGT GAG TC	Black Hole Quencher 1	MUT Probe	-

Number Of Reactions 1

Version 3.2