



Welcome to The Genotyping Protocol System

Master Protocol

Strain Name: C57BL/6NJ-*Dnajb2*^{em1J}J
Stock Number: 029918
Allele: *Dnajb2*^{em1J}
Protocol Name: *Dnajb2*^{em1J} Probe
Method: Probe
Created: 22-November -2016 (DTG) **Updated:** 22-November -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: Mut= 105 bp
Wt=116 bp

Protocol Primers

| Primer | 5' Label | Sequence 5' --> 3' | 3' Label | Description | Reaction |
|--------|----------|-------------------------------------|-----------------------|-------------------|----------|
| 30777 | - | AGA TAG CTC TAT CAA AAG AAC CCC AAG | - | Mutant Forward | - |
| 30779 | 6-FAM | TGG CAG GGA CTT TCC TTT TT | Black Hole Quencher 1 | MUT Probe | - |
| 30780 | - | GTG GCA GAG GCC TAT GAA GT | - | Wild type Forward | - |
| 30781 | Hex | CAG TAA GGC TTG GGG TCC T | Black Hole Quencher 1 | WT Probe | - |
| 30782 | - | GAT GGA GGC GTG GCT TTA G | - | Common | - |

Number Of Reactions 1

Version 3.2