



## Welcome to The Genotyping Protocol System

## Master Protocol

**Strain Name:** C57BL/6NJ-*Efhc2*<sup>em1J/J</sup>  
**Stock Number:** 029016  
**Allele:** *Efhc2*<sup>em1J</sup>  
**Protocol Name:** *Efhc2*<sup>em1J</sup> Probe  
**Method:** Probe  
**Created:** 30-November -2016 (DTG) **Updated:** 30-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  $\Delta C_t$  values of each unknown sample against known homozygous and hemizygous controls, using appropriate endogenous references.

Expected Results: Mut= 114 bp  
 Wt= 110 bp

## Protocol Primers

Primer	5' Label	Sequence 5' --> 3'	3' Label	Description	Reaction
30851	-	GAA GCA CTC ACC ATT GTT ACT TAG AT	-	Common	-
30852	Hex	AGC CAA ATG GCT AAA AAC TGC	Black Hole Quencher 1	WT Probe	-
30854	6-FAM	CCT CTC ATT CCC TTT CTT GC	Black Hole Quencher 1	MUT Probe	-
30855	-	GAA TCC GTT GAC GCC TGA T	-	Wild type Reverse	-
30856	-	GAA GGG AGG ATC CCA AAA AGT A	-	Mutant Reverse	-

Number Of Reactions 1

Version 3.2