



Welcome to The Genotyping Protocol System

Master Protocol

Strain Name: C57BL/6NJ-Nrap^{em1J}/_J
Stock Number: 025680
Allele: Nrap^{em1J}
Protocol Name: Nrap^{em1J}
Method: Probe
Created: 15-August -2016 (LUCASM) **Updated:** 15-August -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= 184 bp
Wild Type = 177 bp

Protocol Primers

Primer	5' Label	Sequence 5' --> 3'	3' Label	Description	Reaction
29213	-	CAC CAG AAA AAG CCG TAC TGT C	-	Wild type Forward	-
29214	-	GCT TTG GGC TCT TCT GTG AC	-	Common	-
29215	-	TGT CTT CTG CGC TGT TTC A	-	Mutant Forward	-
30880	6-FAM	TCC CAA CTT TTT AAC CTG AAA GTC	Black Hole Quencher 1	MUT Probe	-
30881	Hex	CTG CAT GAC TTT TGG TTT TCA	Black Hole Quencher 1	WT Probe	-

Number Of Reactions 1

Version 3.2