



Welcome to The Genotyping Protocol System

Master Protocol

Strain Name: C57BL/6NJ-Arhgap44^{em1}J/J
Stock Number: 029913
Allele: Arhgap44^{em1}j
Protocol Name: Arhgap44^{em1}j Probe
Method: Probe
Created: 11-November -2016 (DTG) **Updated:** 11-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: Mutant= 117bp
Wild Type = 91bp

Protocol Primers

Primer	5' Label	Sequence 5' --> 3'	3' Label	Description	Reaction
30659	-	TTC AGT GGG CCA TTT CTT TC	-	Common	-
30660	-	CAC ACA CAT GGG GTC ACC T	-	Wild type Reverse	-
30661	-	AGG CGT CCT AGA CCC TGA CT	-	Mutant Reverse	-
30662	Hex	TTG CCT CTG ACG ACT CTG G	Black Hole Quencher 1	WT Probe	-
30663	6-FAM	AGA AAA AGT TGT GCT TGT ACT AAG TCT	Black Hole Quencher 1	MUT Probe	-

Number Of Reactions 1

Version 3.2