

MMRRC UNC – Genotyping Protocol

MMRRC Strain ID	30514
MMRRC Strain Name	B6.129- <i>Il15ra</i> ^{tm1Wjl} /Mmnc
Gene Name(s)	Interleukin 15 receptor, alpha chain (Il15ra)
Breeding Protocol(s)	Sib-mating (Heterozygous pairs)
Protocol Date	10/28/13

MMRRC# 30514 PCR Reaction

Denaturing: 95°C for 30 sec
 Annealing Temp.: 55°C for 30 sec
 Extension: 72°C for 1 min
 Cycles: 35
 Taq: **Apex and Chromataq Buffer**

Bands: WT: 250bp
 Kl: 300bp

	1X
DNA	1.0
10X Buffer	5.0
10mM dNTPs	1.0
20 uM Primer 1 & 2	1.0
Taq	1.0
ddH ₂ O	13.5
25mM MgCl ₂	2.0

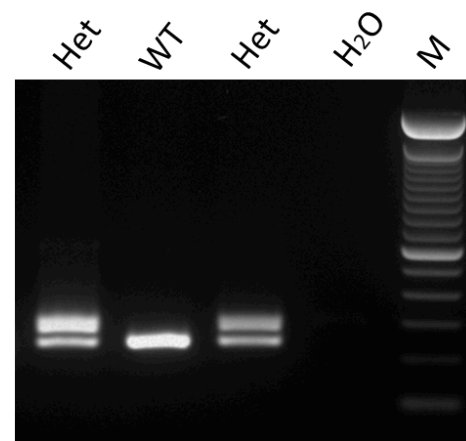
Primer sequences 5' to 3': Primers are 10uM with respect to each primer (20uM total).

215b: 5-GTC AAG CGG TTC TAG CTT TAG-3

215E: 5-ACA GAA GTG ACC GAG TGA GAG-3

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Run on 2% agarose gel in TAE.



M: 100 bp DNA ladder (Invitrogen)