

**MMRRC # 214**  
**(Kif3C null Type I)**

**PCR rxn** 20 ul rxn

**DNA** 1 ul

(plus 19 ul rxn buffer)

**RXN buffer/sample**

10x buffer 2ul

dNTP (10mM) 0.4ul

HOT START Taq ( 5U/ul) 0.2 ul

P.1 B51820 (20uM) 0.2 ul

P.2 B5RVR (20uM) 0.2 ul

P.3 Floxkpn (20uM) 0.2 ul

Primer Sequences (5'----->3'):

P.1 GGA GAA TTA CCT GCA GGA CC

P.2 TGT AAG TGC ACC TAG CTA CC

P.3 CGG TAC CCG GGG ATC AAT TCG AG

(to 19ul) H2O 15.8 ul

**PCR CYCLE**

95 C 15 mins

30~ 35 cycles

94 C 45sec

60 C 45 sec

72 C 90 sec

72 C 10 mins

4 C hold

**SIZES : 2bands**

Top wt ~350 bp

Lower mt ~200 bp

**GEL**

1.50%

1 kb ladder ( run15 ul)

5 ul 5x loading buffer/sample

run 13 ul per well

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