

**MMRRC # 134**  
**(Kif3C null)**

**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 Neo F1 (20uM) 0.2 ul

P.2 NeoR2 (20uM) 0.2 ul

P.3 B5511 (20uM) 0.2 ul

P.4 B51050 (20uM) 0.2 ul

(to 19ul) H2O 15.6 ul

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

P.1 GAT GGA TTG CAC GCA GGT TCT

P.2 AGG TAG CCG GAT CAA GCG TAT

P.3 GGT CAT GAG CAG ATT CTG AC

P.4 GAG AGC TGA CCT CAT TCA TG

**PCR CYCLE**

95 C 15 mins

30~ 35 cycles

94 C 45 sec

60 C 45 sec

72 C 90 sec

72 C 10 mins

4 C hold

**SIZES : 2bands**

Top wt ~550 bp  
Lower mt ~400 bp

**GEL**

1.50%

1 kb ladder ( run15 ul)

5 ul 5x loading buffer/sample

run 13 ul per well