MMRRC ID # 224

PCR rxn 20 ul rxn

DNA 1 ul

(plus 19 ul rxn buffer)

RXN buffer/sample

10x buffer	**2 ul**
dNTP (10mM)	**0.4 ul**
Hot Start Taq (5U/ul)	**0.2 ul**
P.1 5'KIF5AII (20uM)	**0.4 ul**
P.2 3'KIF5AII (20uM)	**0.4 ul**
(to 19ul) H2O	**15.6 ul**

Primer Sequences (5'----->3'):
P.1 CGT TCT GGA CGA GGC AAA GA
P.2 GAT GGG ACA GCA GCA GTG CA

PCR CYCLE

95 C	15 mins	
30 cycles		
	94 C	45 sec
	67 C	45 sec
	72 C	1min
72 C	10 mins	
4 C	hold	

SIZES: 2 bands

Top	mt	~ 470bp (P1/P2)
Bottom	wt	~ 370bp (P1/P2)

GEL
1.2%
1 kb ladder (run 15ul)
5ul 5x loading buffer/sample
run 13 ul per sample