

Primers for genotyping Runx1 F

Runx1E3 : 5' gcgtccaagtcagttgtaagcc 3'

Runx1E5 : 5' ctgcattgtcccttggtgacg 3'

Runx1G2 : 5' atggcctcttgtgctgtagacg 3'

To detect wt or floxed alleles, use E3 & E5, and for detection of deleted alleles use E3 and G2. The PCR condition is

94°C 5 min

94°C 30sec - 64°C 30 sec - 72°C 30sec            30-35 cycles

72°C 5 min

with a thermal cycler DNA engine (MJ research Inc.)

Add DMSO at 5% (final concentration) to enhance amplification.