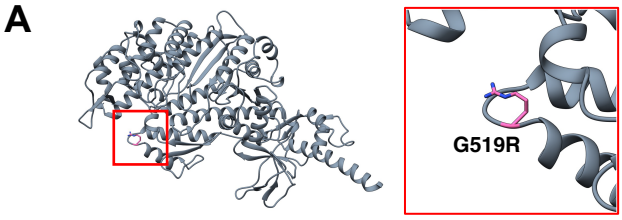
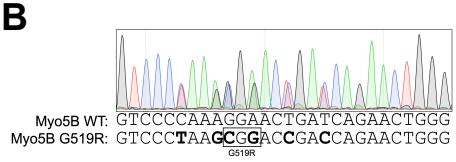
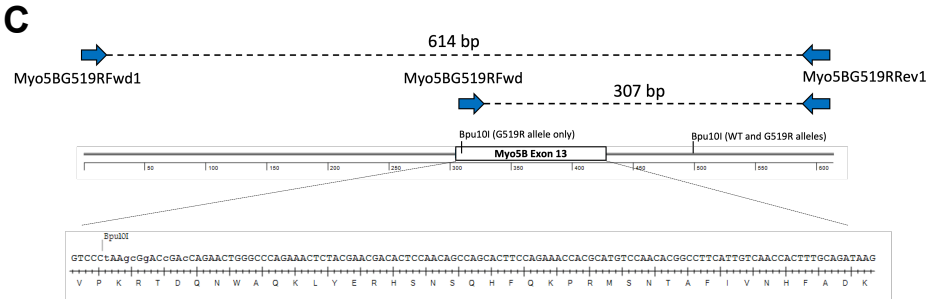
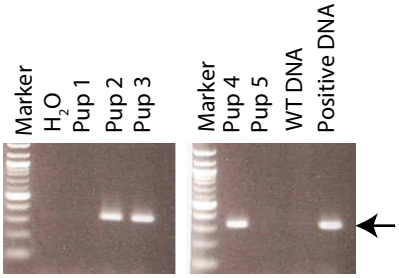

A
G519R


B
Myo5B WT: GTCCCCAAAGGAACTGATCAGAACTGGG
Myo5B G519R: GTCCCTAAGCGGACCGACCAGAACTGGG
G519R


C
614 bp
Myo5BG519RFwd1
Myo5BG519RFwd
Myo5BG519RRev1
307 bp
Bpu10I (G519R allele only)
Bpu10I (WT and G519R alleles)
Myo5B Exon 13
Bpu10I
GTCCCtAAgcGgACcGAcCAGAACTGGGCCCAGAAACTCTACGAACGACACTCCAACAGCCAGCACTTCCAGAAACCACGCATGTCCAACACGGCCTTCATTGTCAACCACTTTGCAGATAAG
V P K R T D Q N W A Q K L Y E R H S N S Q H F Q K P R M S N T A F I V N H F A D K


Marker
H2O
Pup 1
Pup 2
Pup 3
Marker
Pup 4
Pup 5
WT DNA
Positive DNA