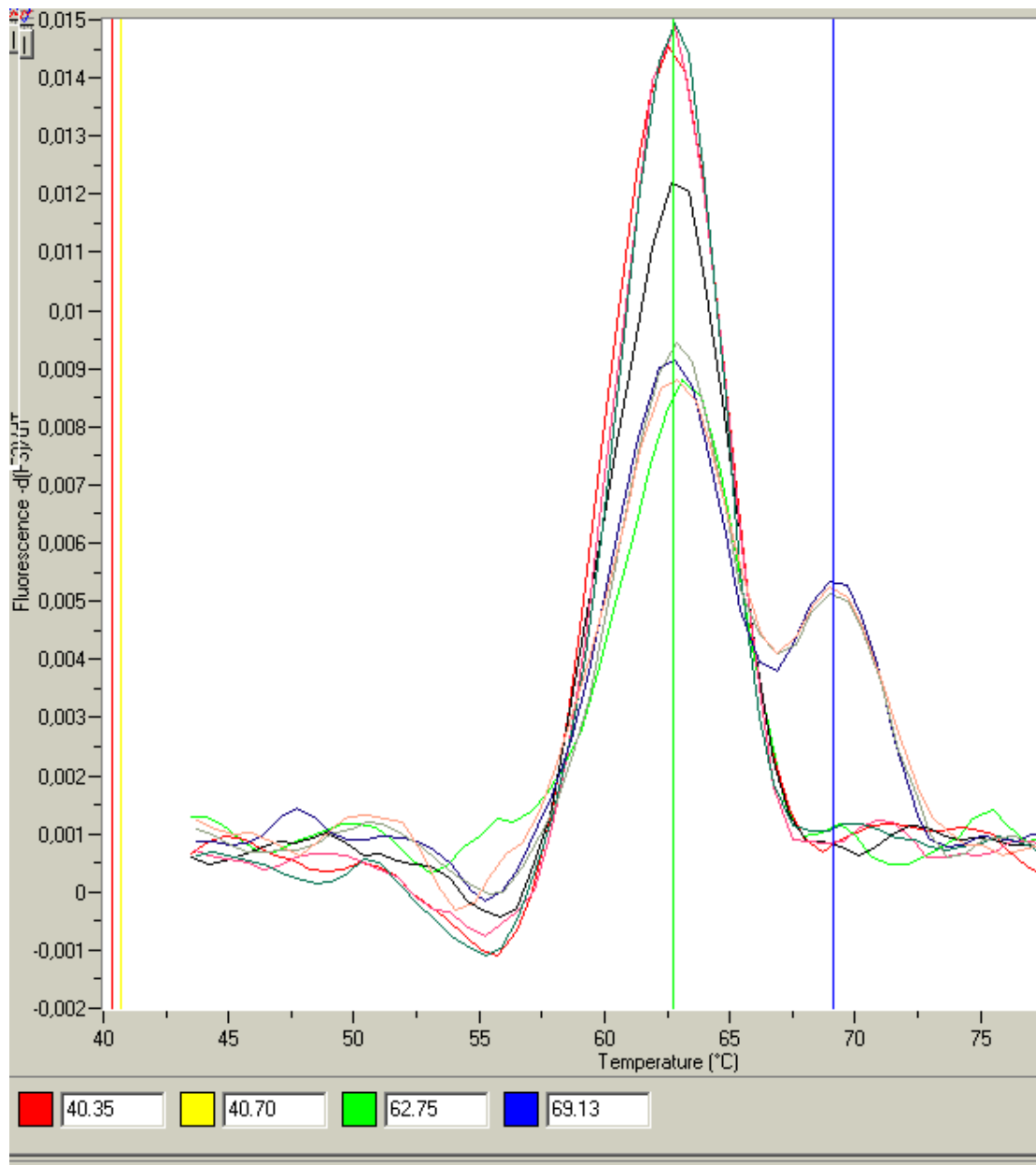
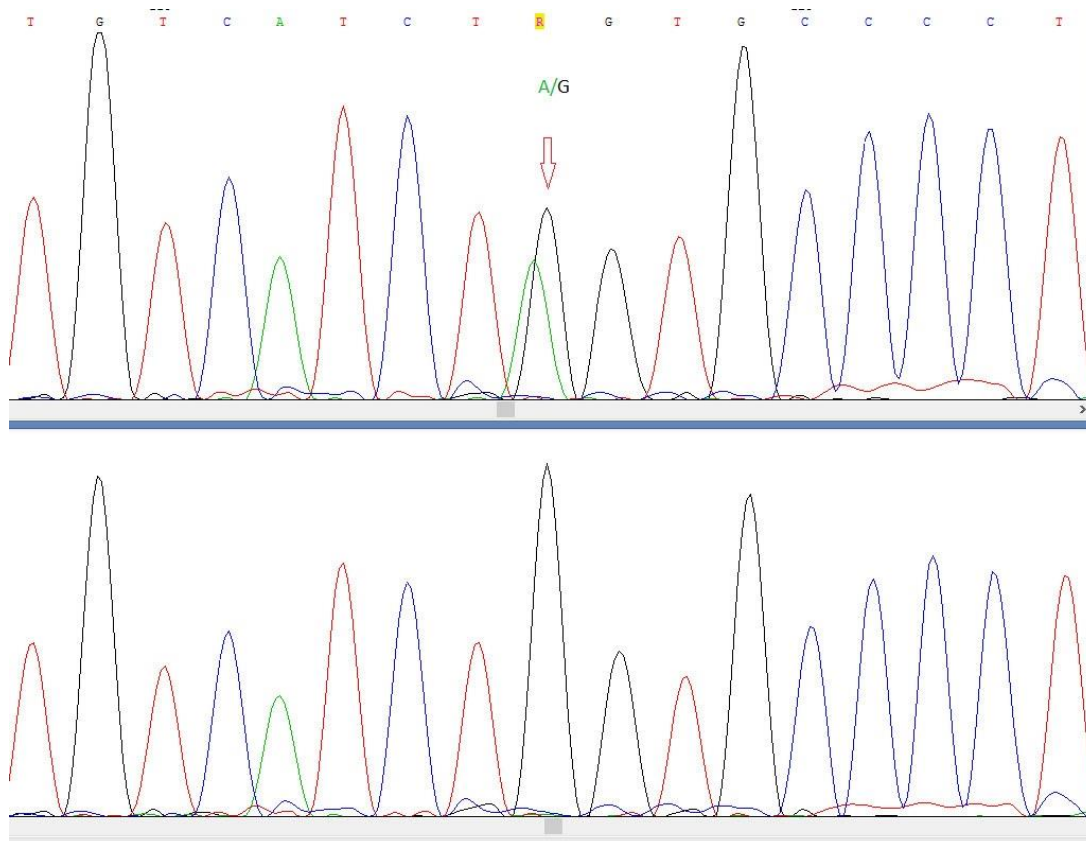


Suppl. Figure 1: Amplification plot (F3 vs. time) for *AKT2* gene SNP rs3730051.



Suppl. Figure 2: Melting curve for *AKT2* SNP rs3730051 (mutant peak $T_m=69.13^\circ\text{C}$ and wild-type peak $T_m=62.75^\circ\text{C}$).



Suppl. Figure 3: DNA Sequencing electropherograms around the genomic area of *AKT2* gene SNP rs3730051 (heterozygote A/G sample in the upper part and homozygote G/G in the lower part).