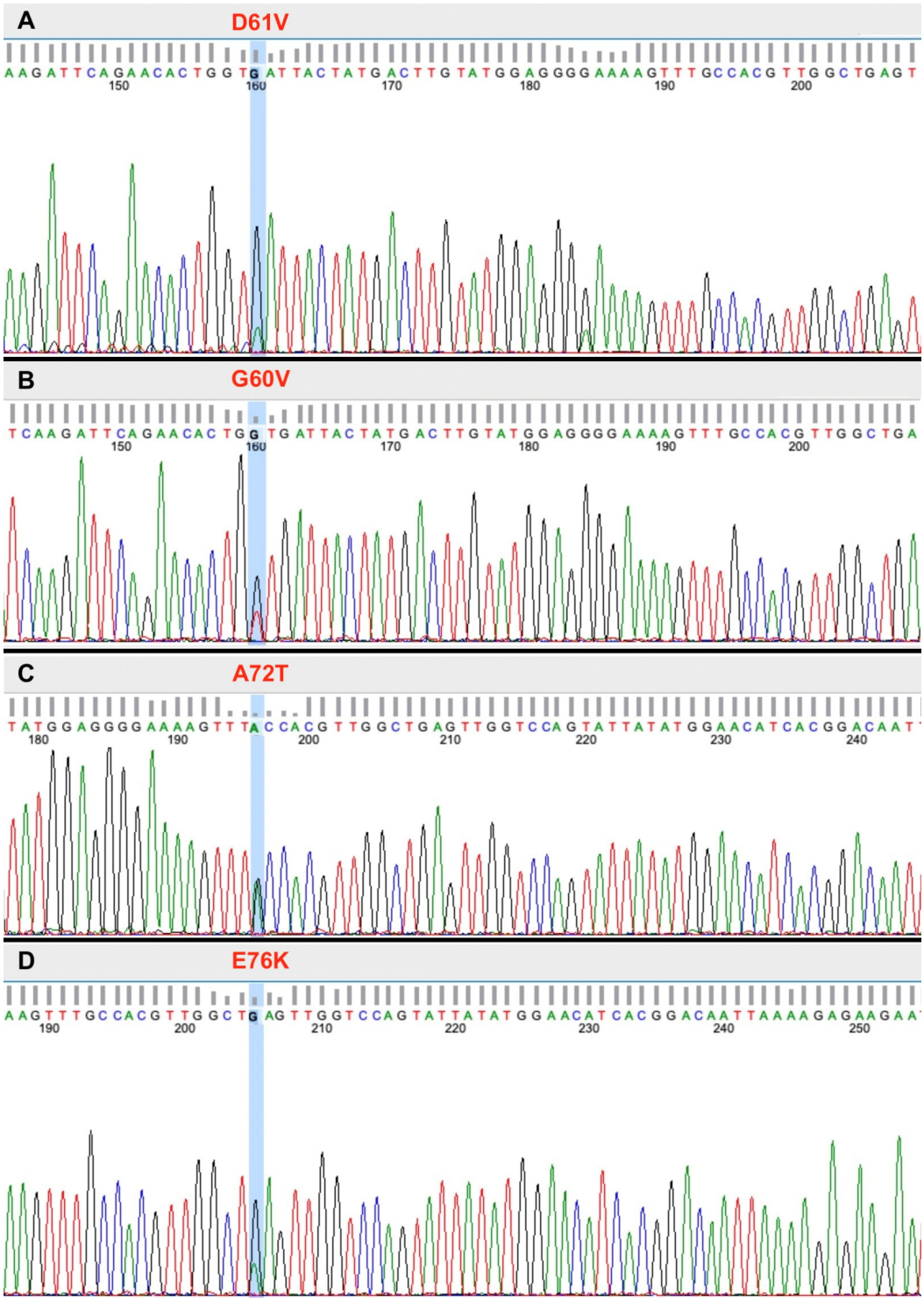


Figure S1: Sanger sequencing chromatograms depicting the A) D61V, B) G60V, C) A72T, and D) E76K PTPN11 variants. The polymorphisms of interest are highlighted in blue. A cutoff of >20% of the wild type signal was set to determine presence of variant alleles. Images produced using the IGV software package [21].