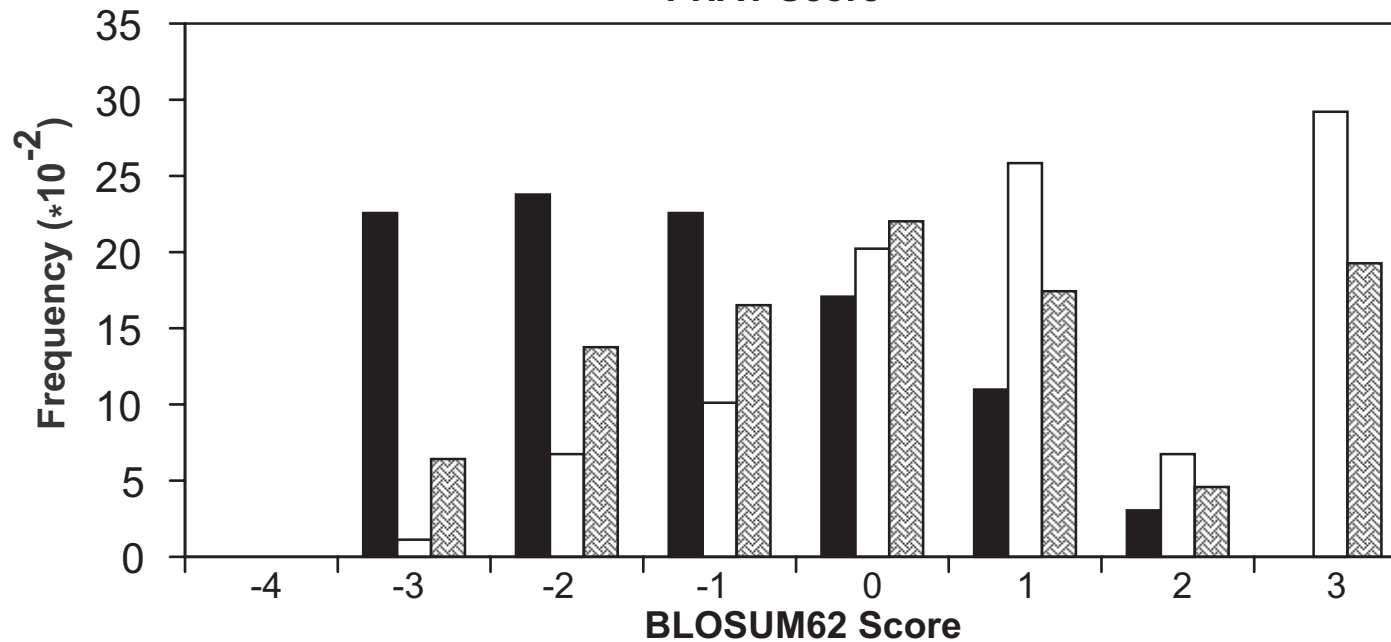
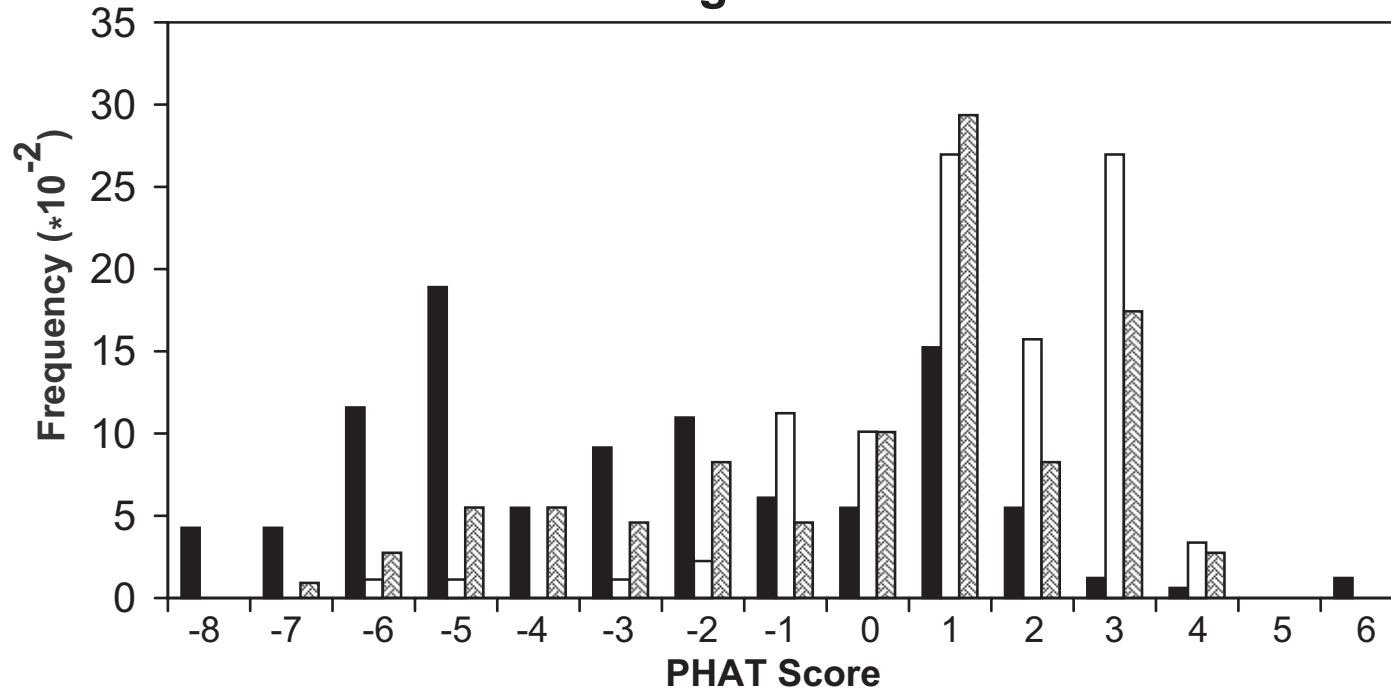


Figure 1S



Frequency distribution of PHAT and BLOSUM62 substitutions scores for the disease-causing (black bars), neutral (white bars) and dbSNP variation (shaded bars) datasets in transmembrane regions.