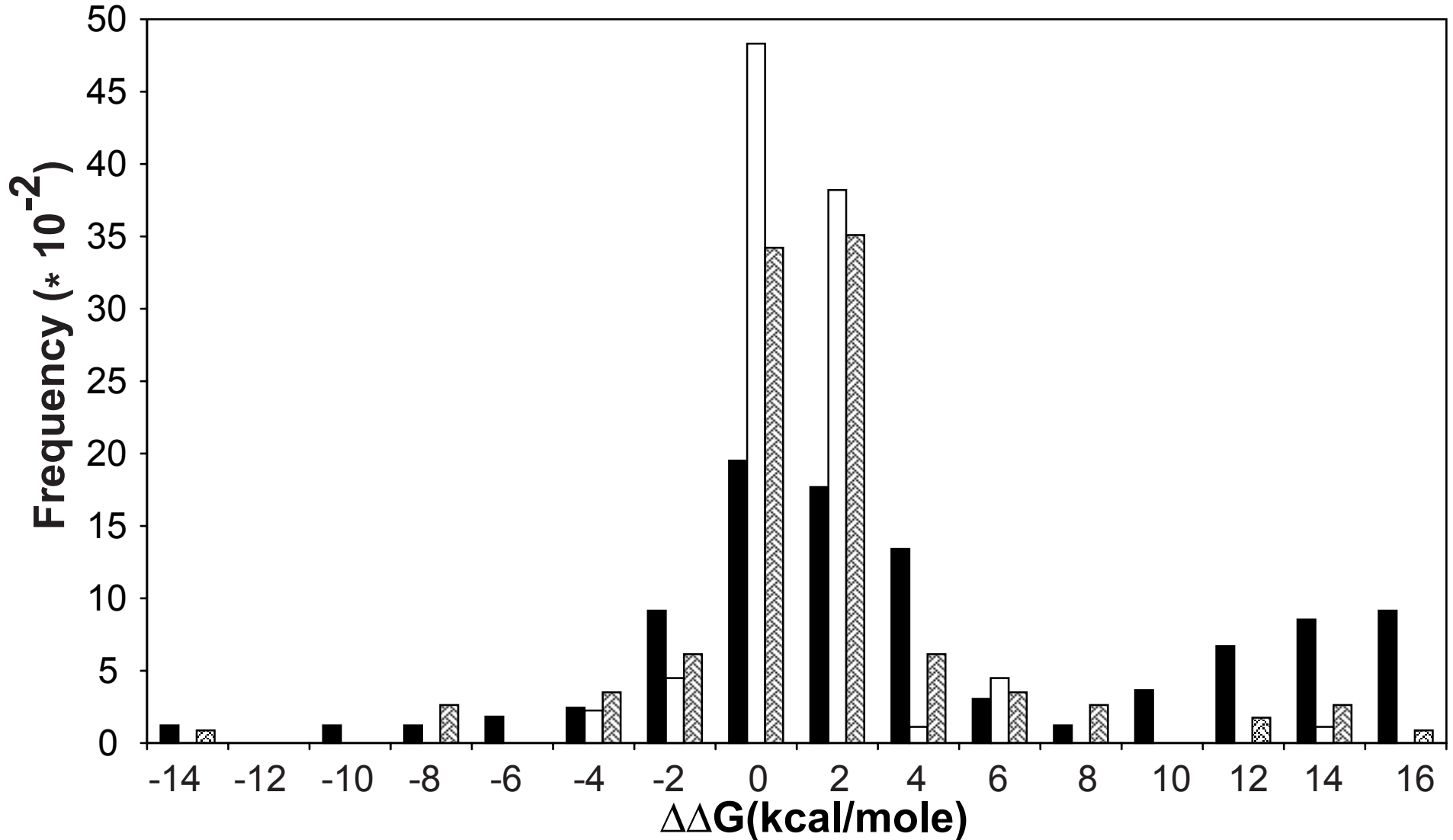


Figure 2S



Frequency distribution of $\Delta\Delta G$ values (change in free energy of hydrophathy) for the disease-causing (black bars), neutral (white bars) and dbSNP (shaded bars) variation datasets.