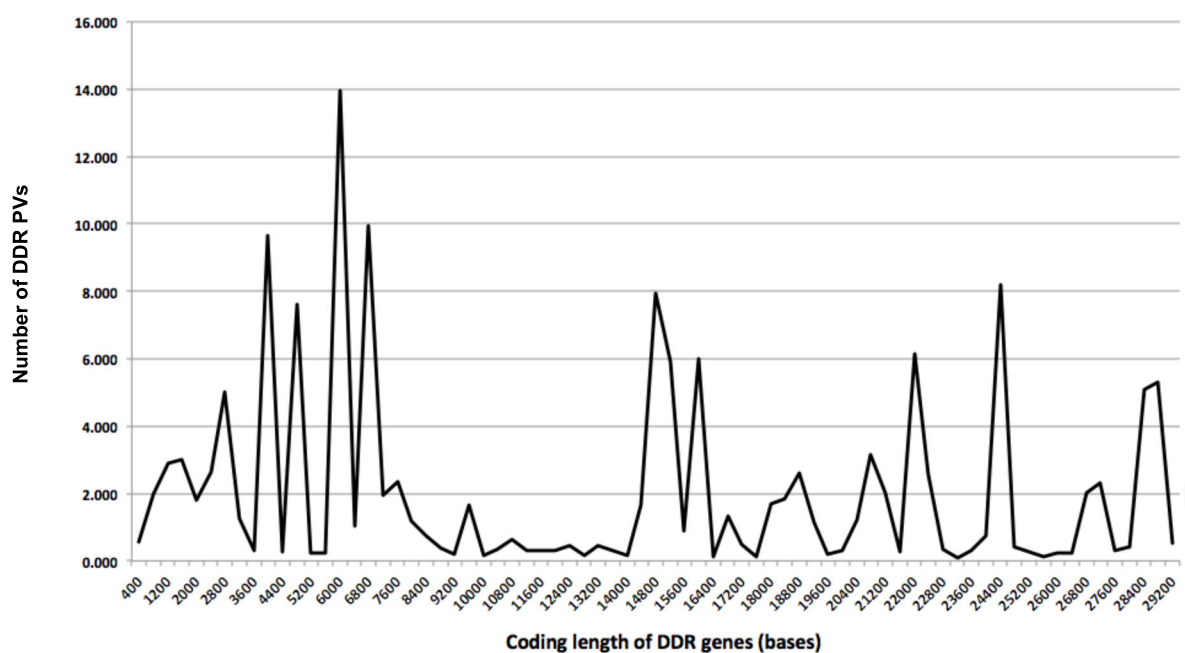




**Figure S2.** Relationship between coding length of DDR genes and number of PVs. The coding length for each of the 73 DDR genes with PVs shared between modern humans and ancient humans were plotted with the number of PVs in each of the 73 genes. The results show that the number of PVs didn't increase following the increased length, indicating that there is little correlation between the coding length and the number of shared PVs in the 73 DDR genes.