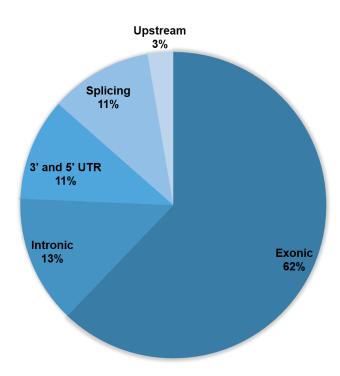
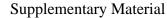


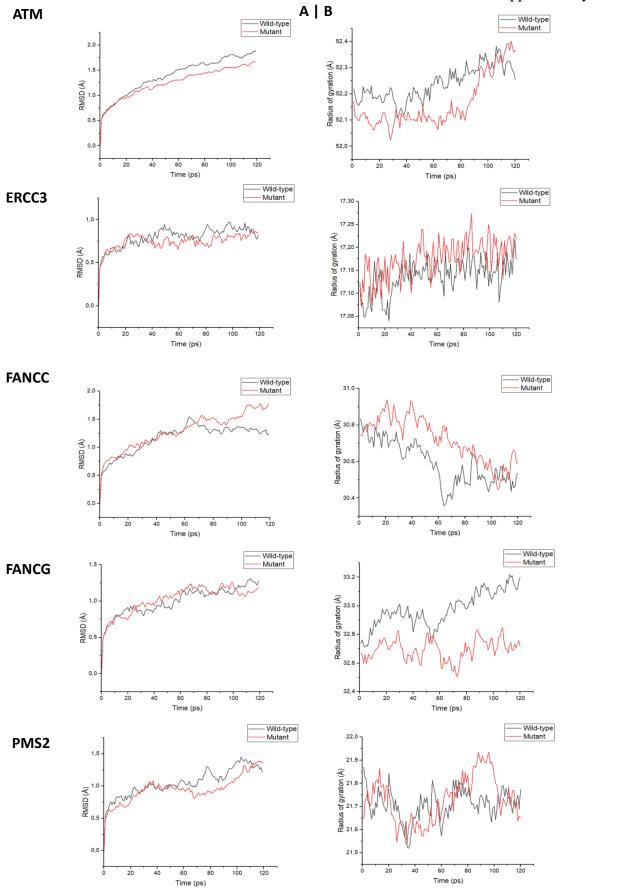
Supplementary Material

1 Supplementary Figures



Supplementary Figure 1. Distribution of unclassified DNA repair genes variants identified in this study





Supplementary Figure 2. Molecular Dynamics simulations Analyses of ATM, FANCC, FANCG, ERCC3 and PMS2 proteins (A) Root mean square deviation (RMSD) and (B) Radius of gyration (RG) profiles of the native and mutant protein.