

Supplementary File 7. 3D visualisations of peptides with non-synonymous SNPs in the active peptide regions. Figures are of the active peptide with amino acid changes highlighted

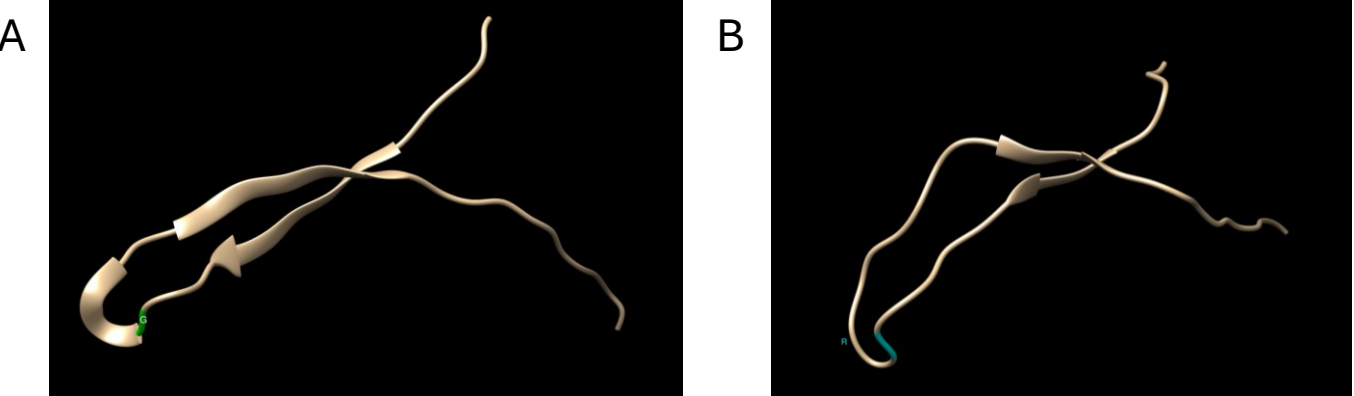
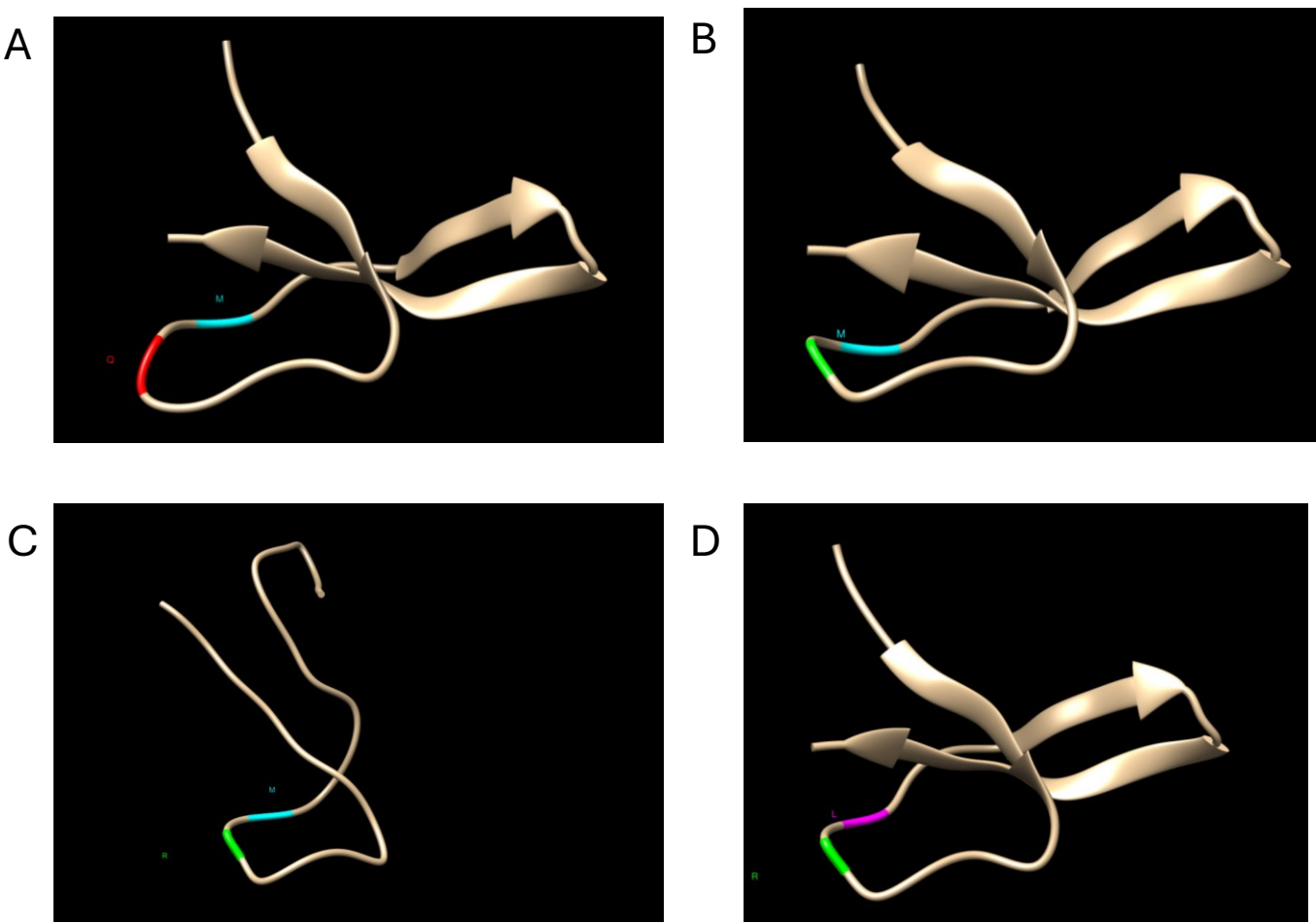


Figure 1. A. PhciCATH3_Hap1 B. PhciCATH3_Hap2



C



D

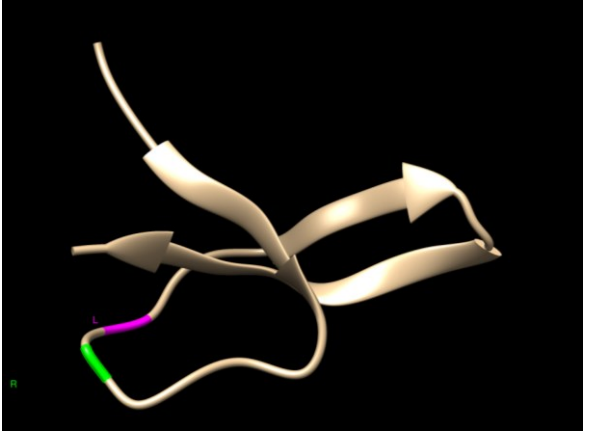
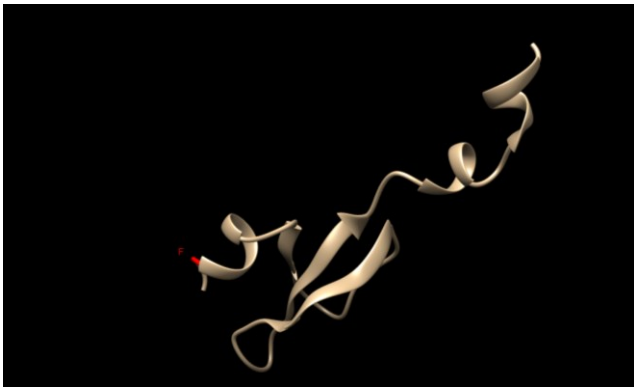


Figure 2. A. PhciDEFA_Hap1 B. PhciDEFA1_Hap2 C. PhciDEFA1_Hap3 D. PHciDEFA1_Hap4.

A



B

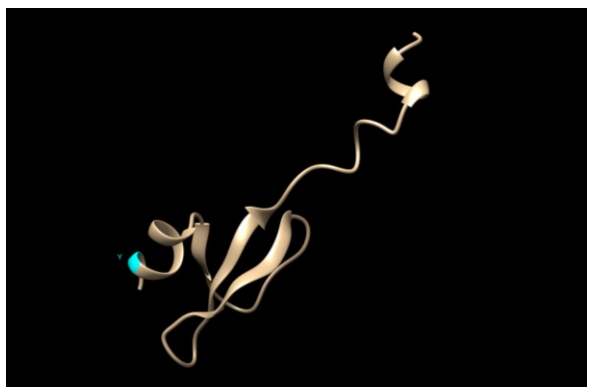
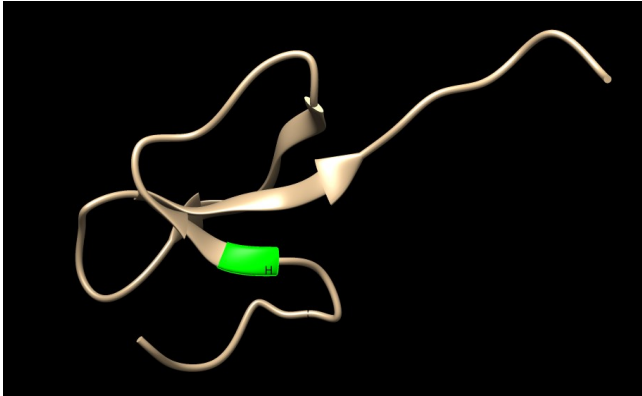


Figure 3. A. PhciDEFB3_Hap1. B. PhciDEFB3_Hap3

A



B

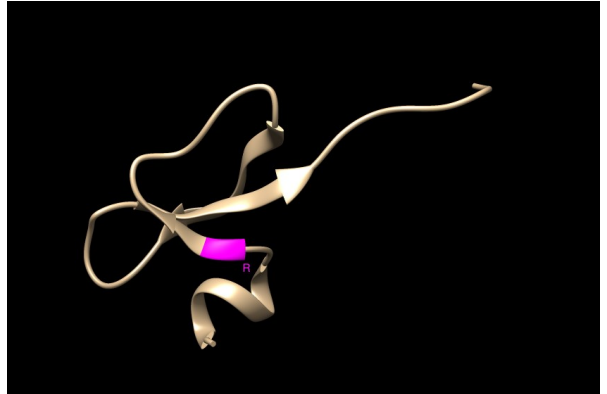
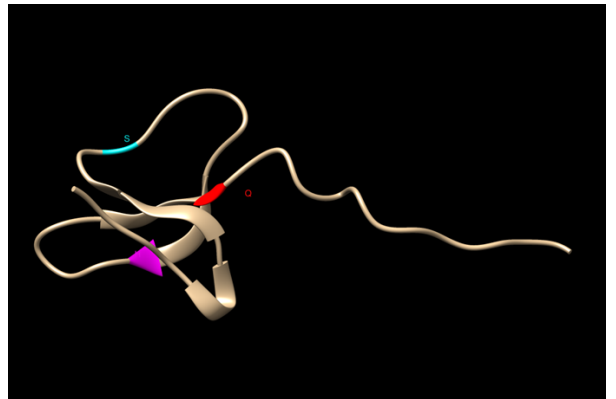


Figure 4. A. PhciDEFB7_Hap1 B. PhciDEFB7_Hap3

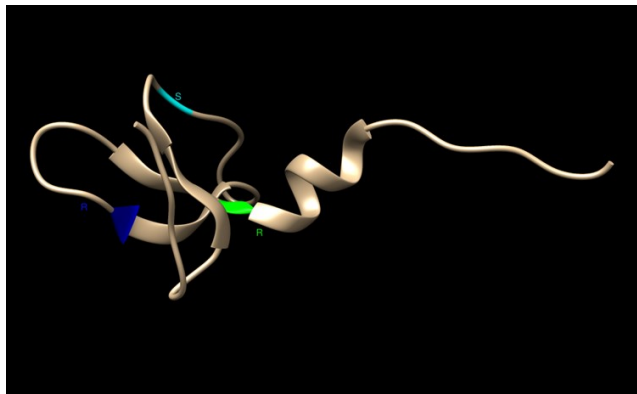
A



B



C



D

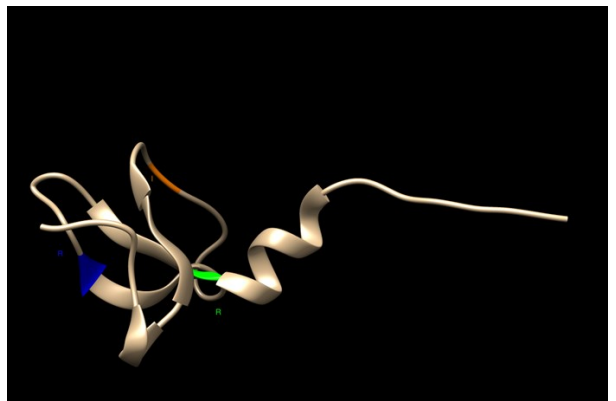


Figure 5. A. PhciDEFB9_Hap1 B. PhciDEFB9_Hap2 C. PhciDEFB9_Hap3 D. PhciDEFB9_Hap4

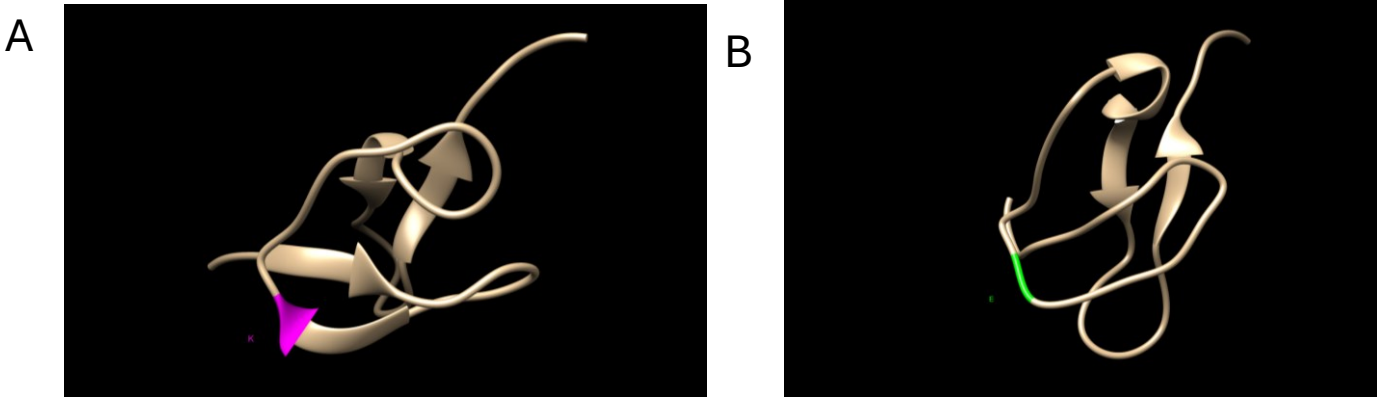


Figure 6. A. PhciDEFB10_Hap1 B. PhciDEFB10_Hap2

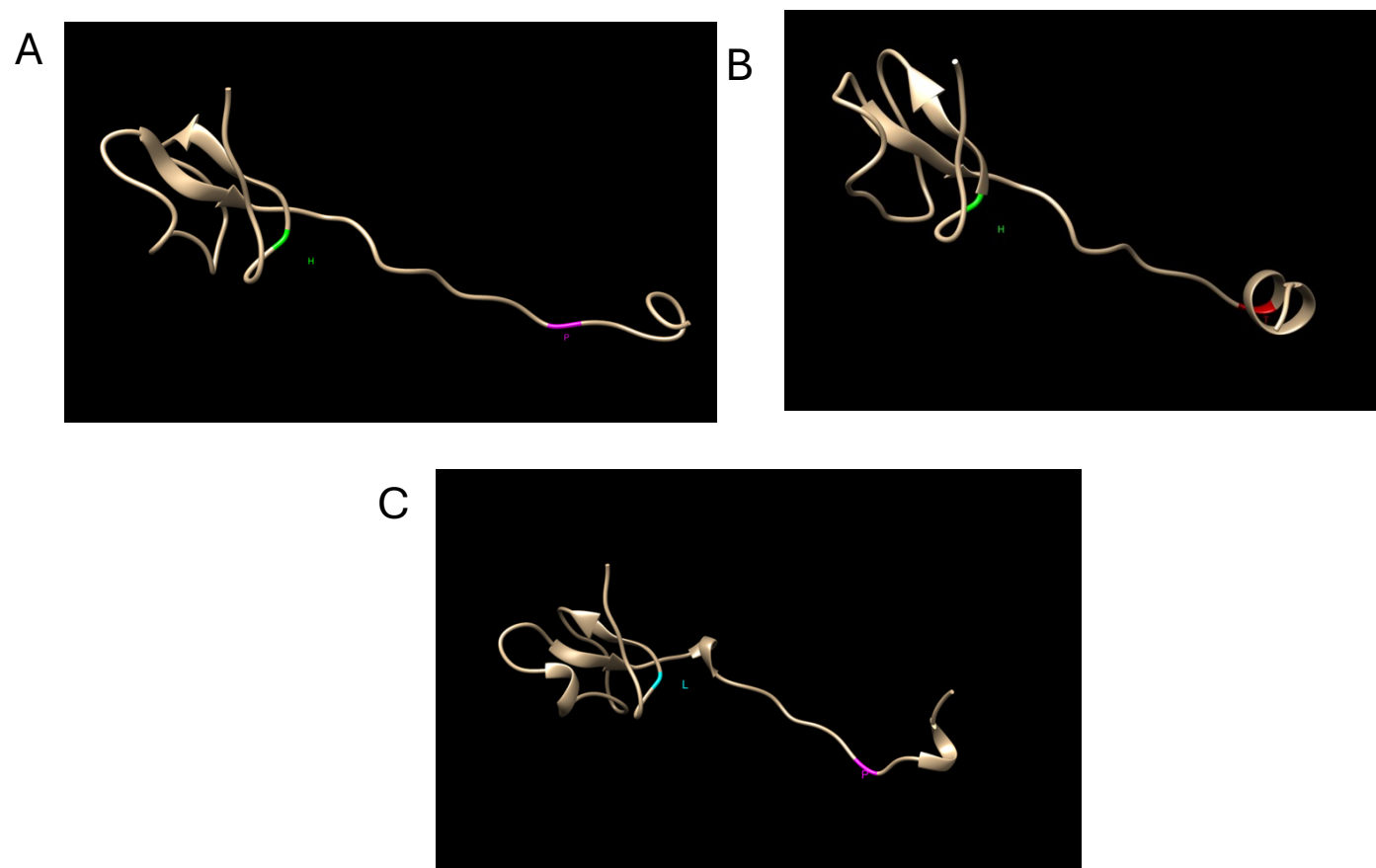


Figure 7. A. PhciDEFB11_Hap1 B. PhciDEFB11_Hap2 C. PhciDEFB11_Hap3

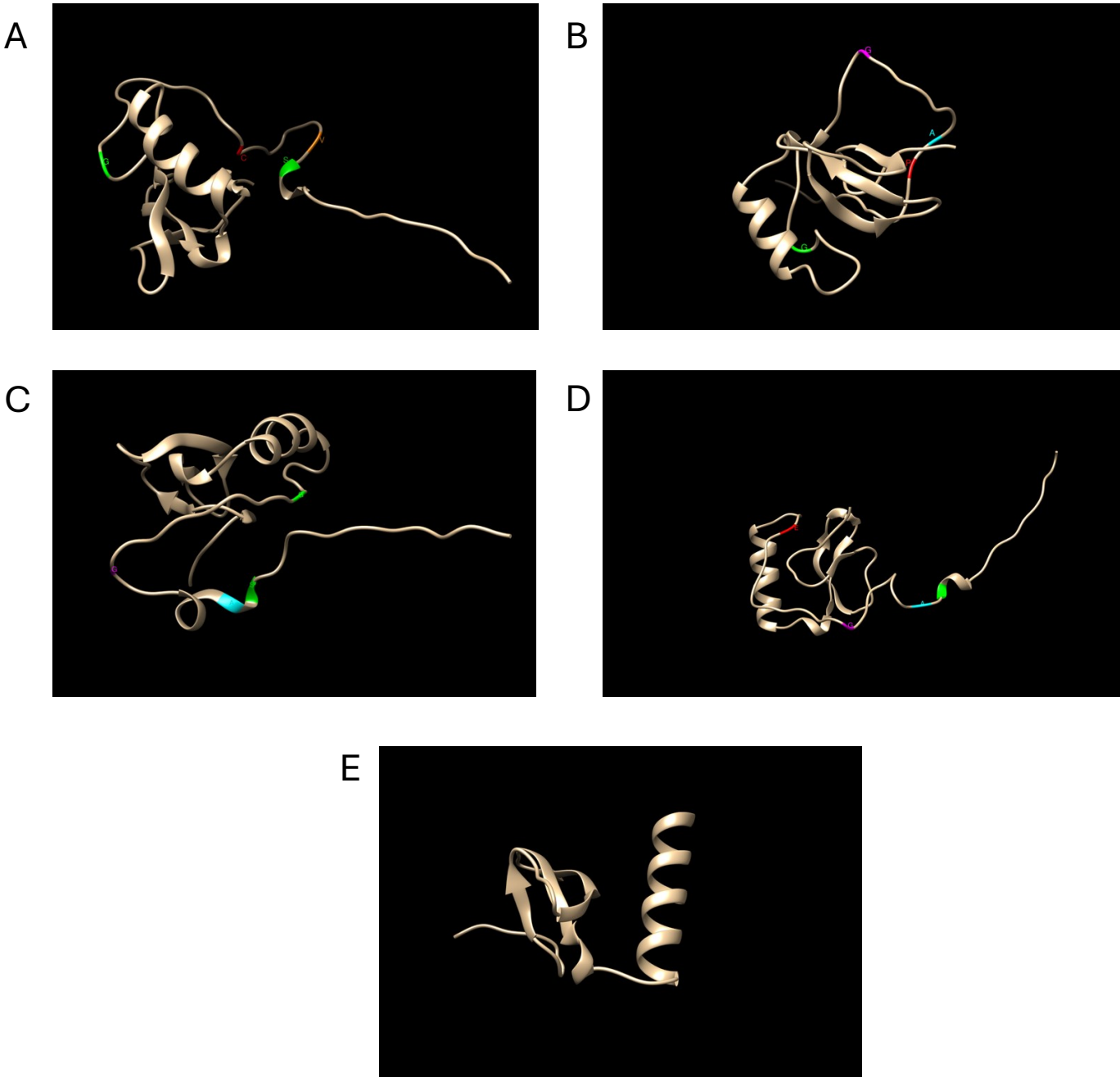
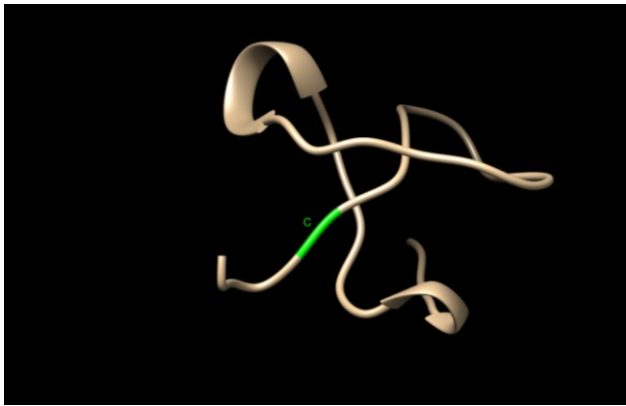


Figure 8. A. PhciDEFB12_Hap1 B. PhciDEFB12_Hap2 C. PhciDEFB12_Hap3 D. PhciDEFB12_Hap4 E. PhciDEFB12_Hap5

A



B

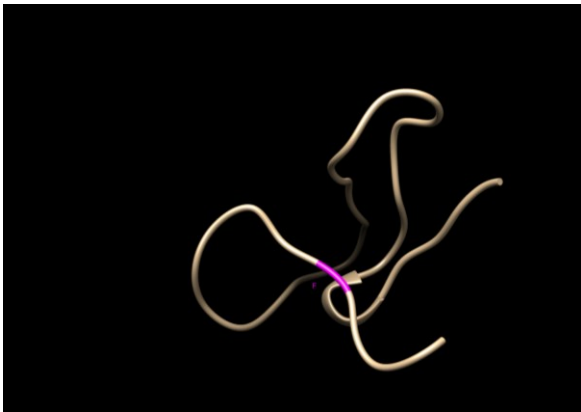
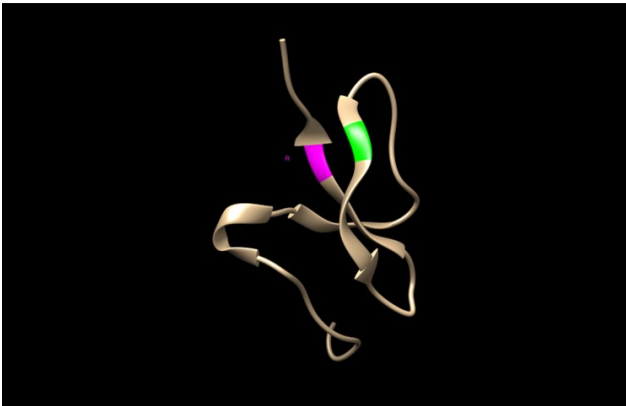
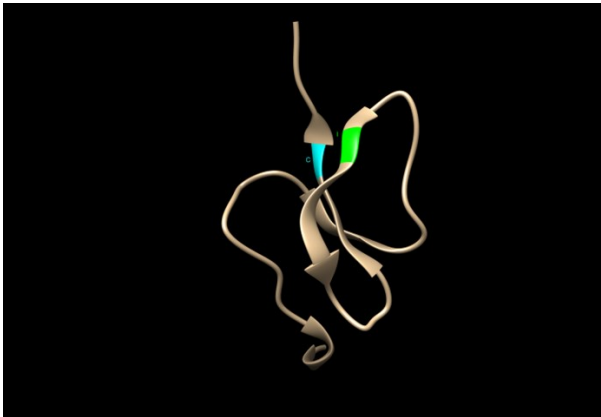


Figure 9. A. PhciDEFB16_Hap1 B. PhciDEFB16_Hap2

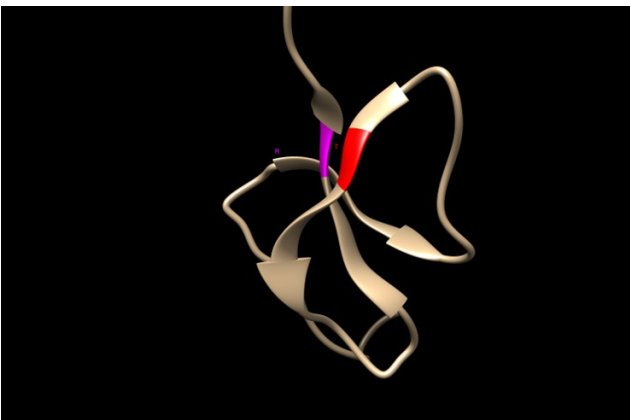
A



B



C



D

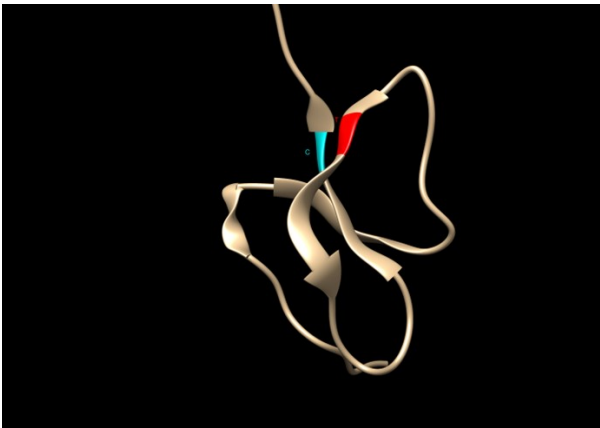
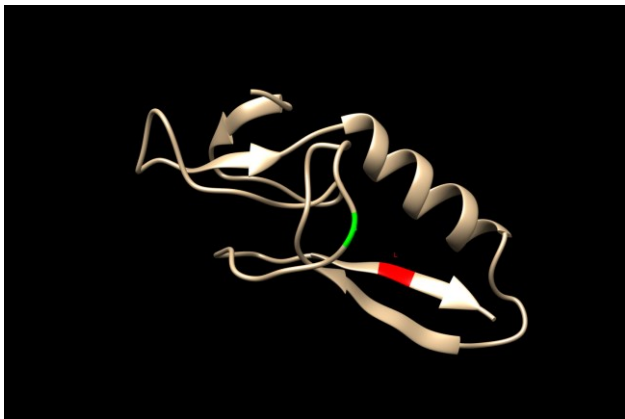


Figure 10. A PhciDEFB19_Hap1 B. PhciDEFB19_Hap2 C. PhciDEFB19_Hap3 D. PhciDEFB19_Hap4.

A



B

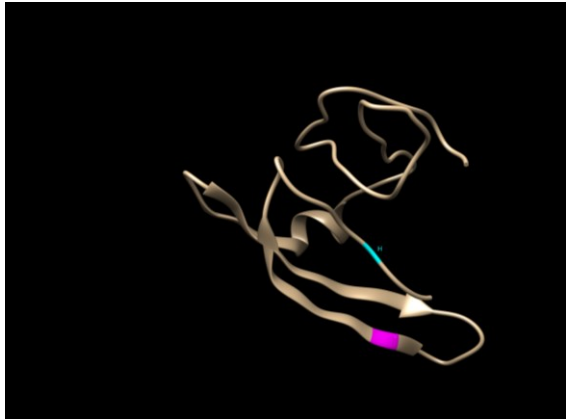
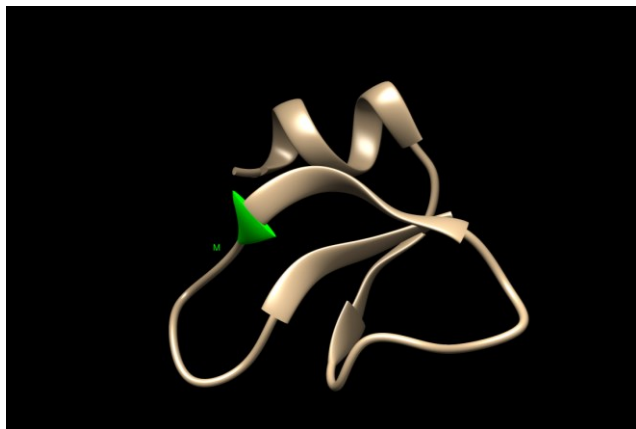


Figure 11. A PhciDEFB20_Hap1 B. PhciDEFB20_Hap2

A



B

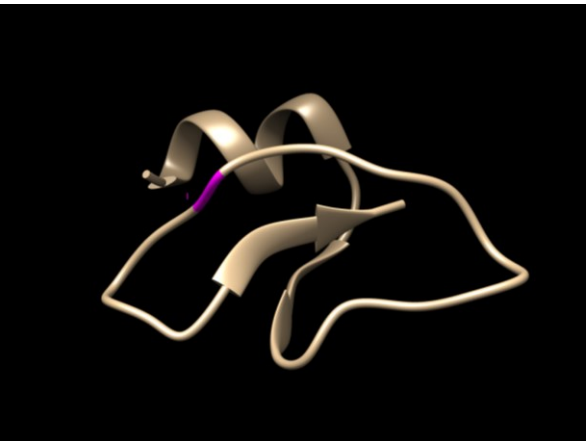
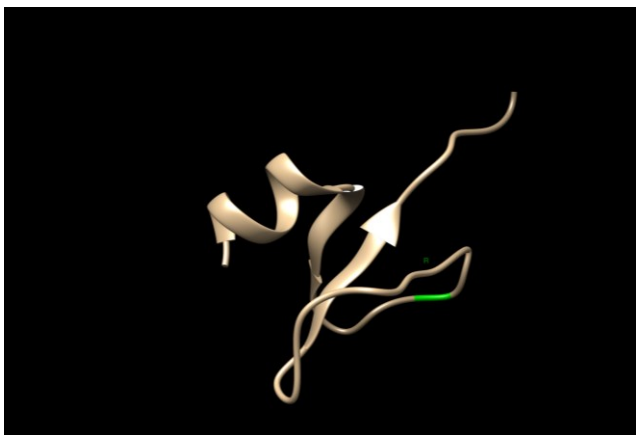


Figure 12. A PhciDEFB24_Hap1. B PhciDEFB24_Hap2

A

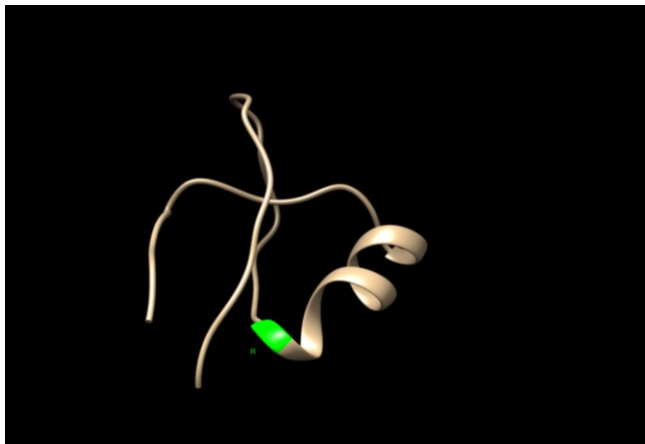


B



Figure 13. A. PhciDEFB27_Hap1 B. PhciDEFB27_Hap2.

A



B



Figure 14. A PhciDEFB28_Hap1. B. PhciDEFB28_Hap2