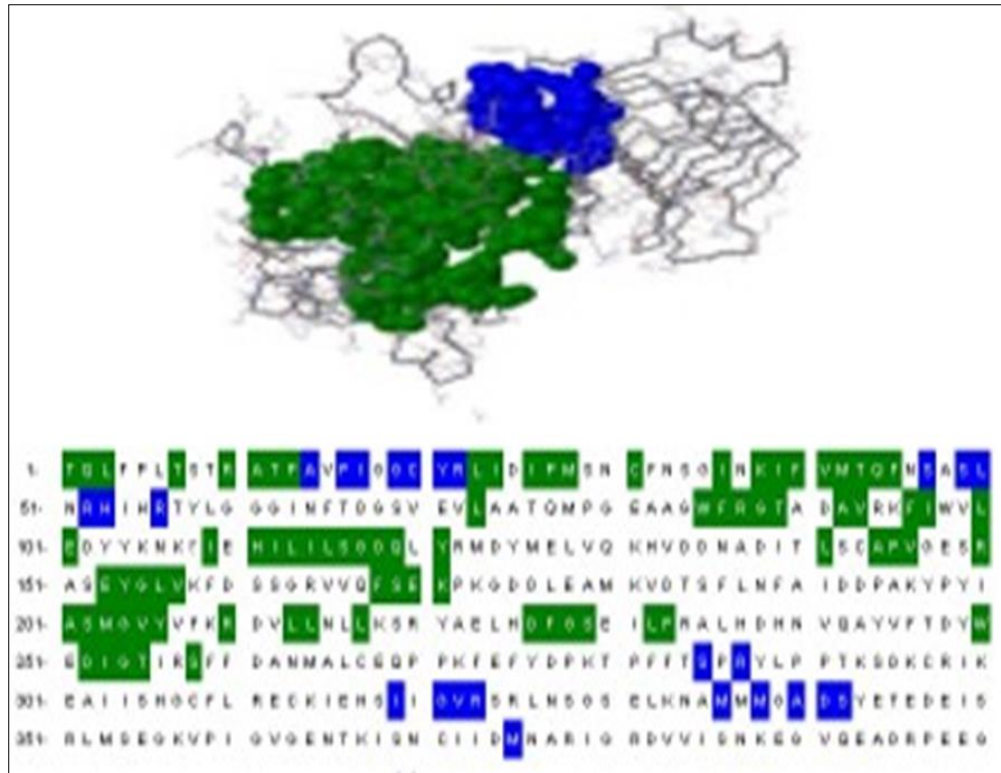
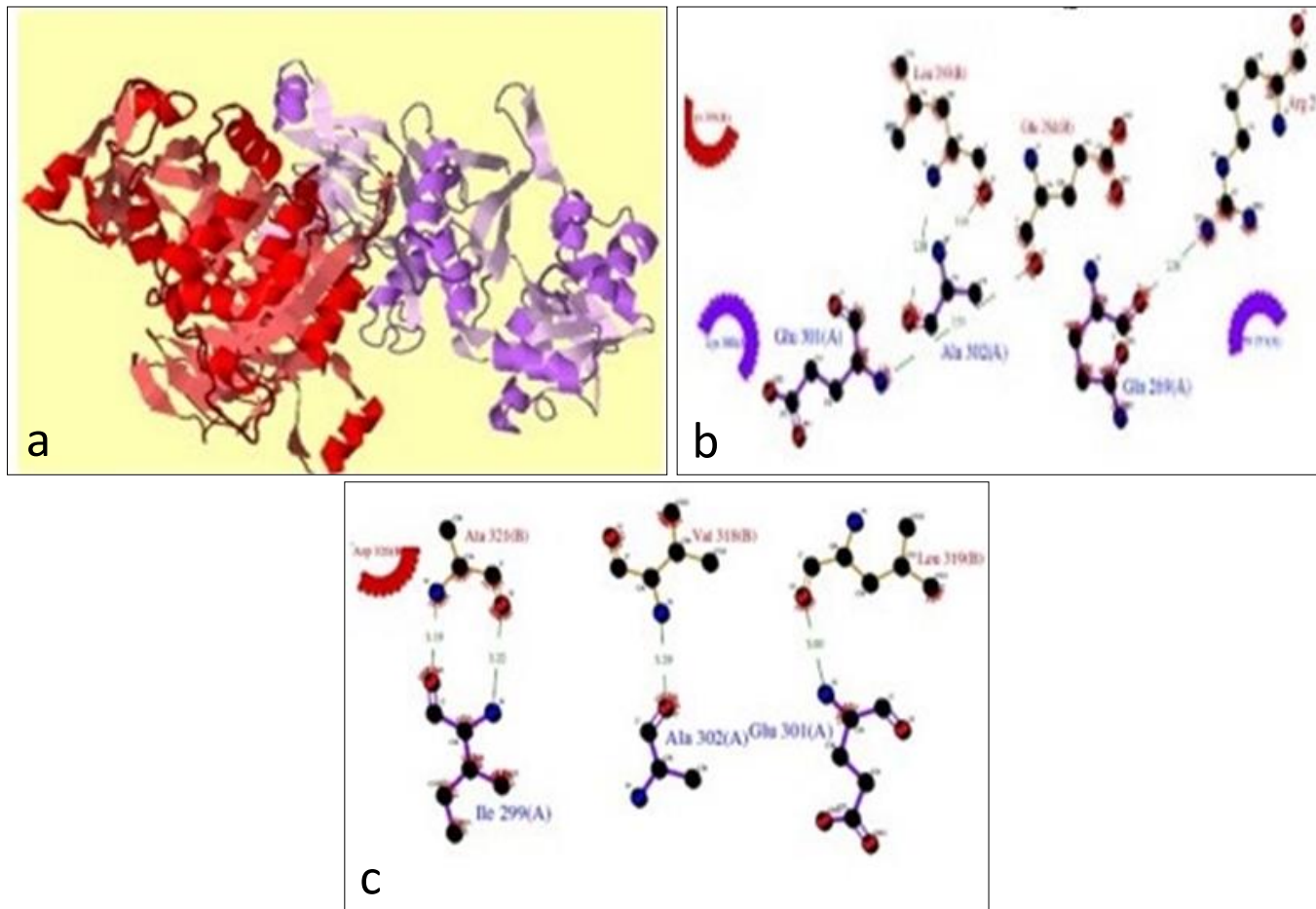


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Supplementary Figures



Supplementary Fig. 1. The generated model run on the CastP shows two important coupling pockets. One is area 2303.1 and volume 3755.5 (shown in green), the other is area 579.5 and volume 654.5 (shown in blue). Below is shown the composition of amino acid residues involved in each binding pocket.



Supplementary Fig. 2. a) Model of AGP-S (Magenta) and AGP-L (Red) complex interaction and hydrogen bonding pattern; b) with normal large subunit; c) with the mutated large subunit.