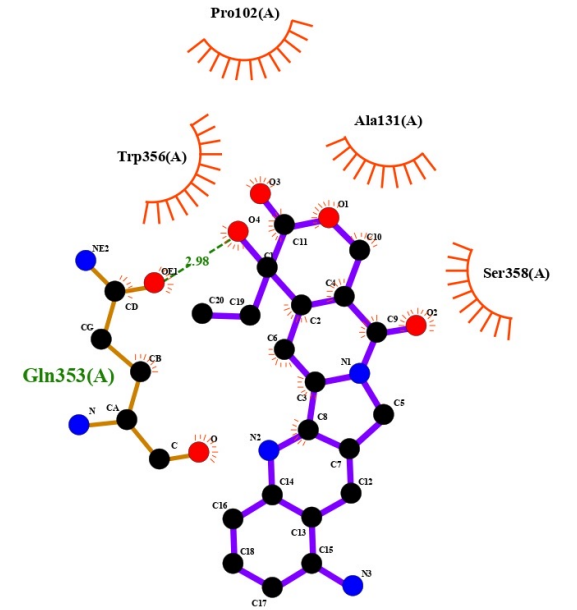
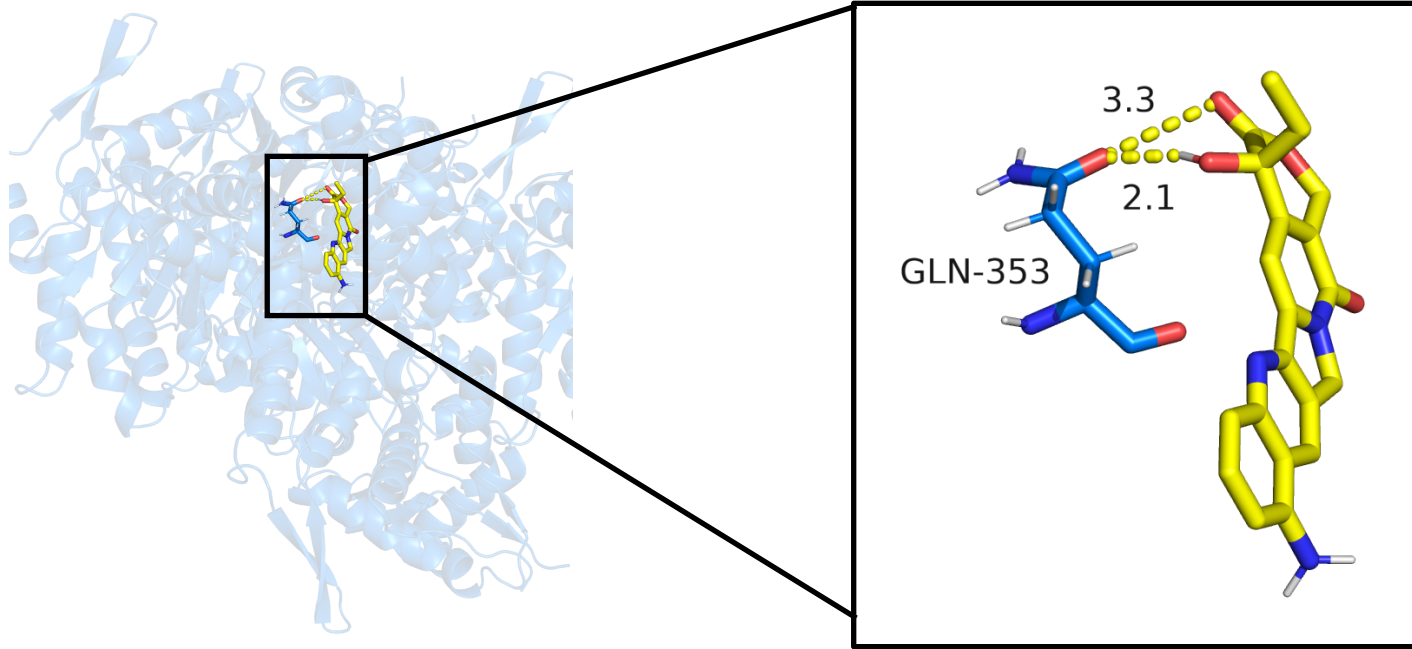
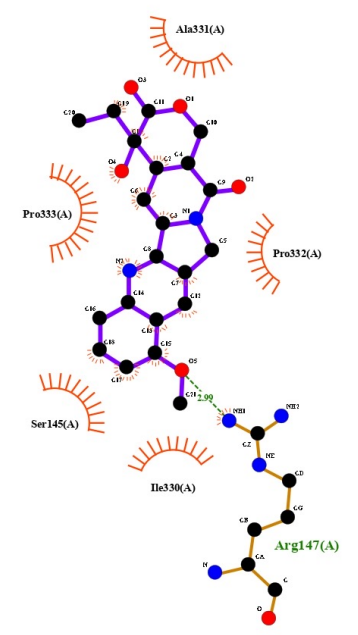
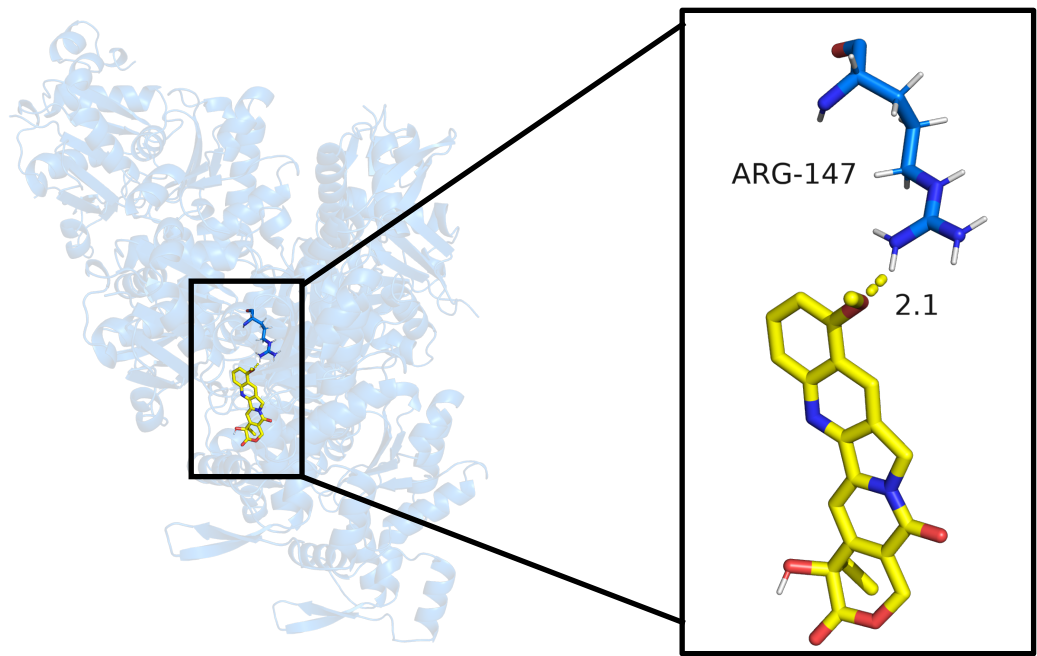


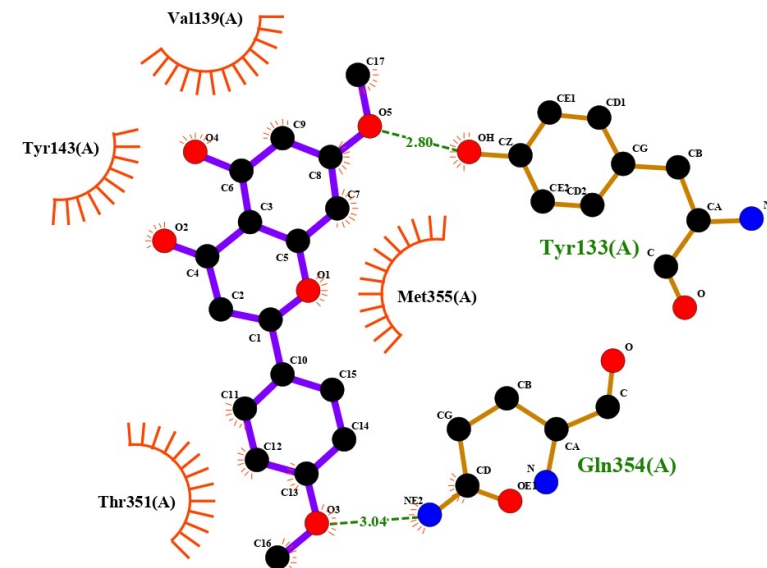
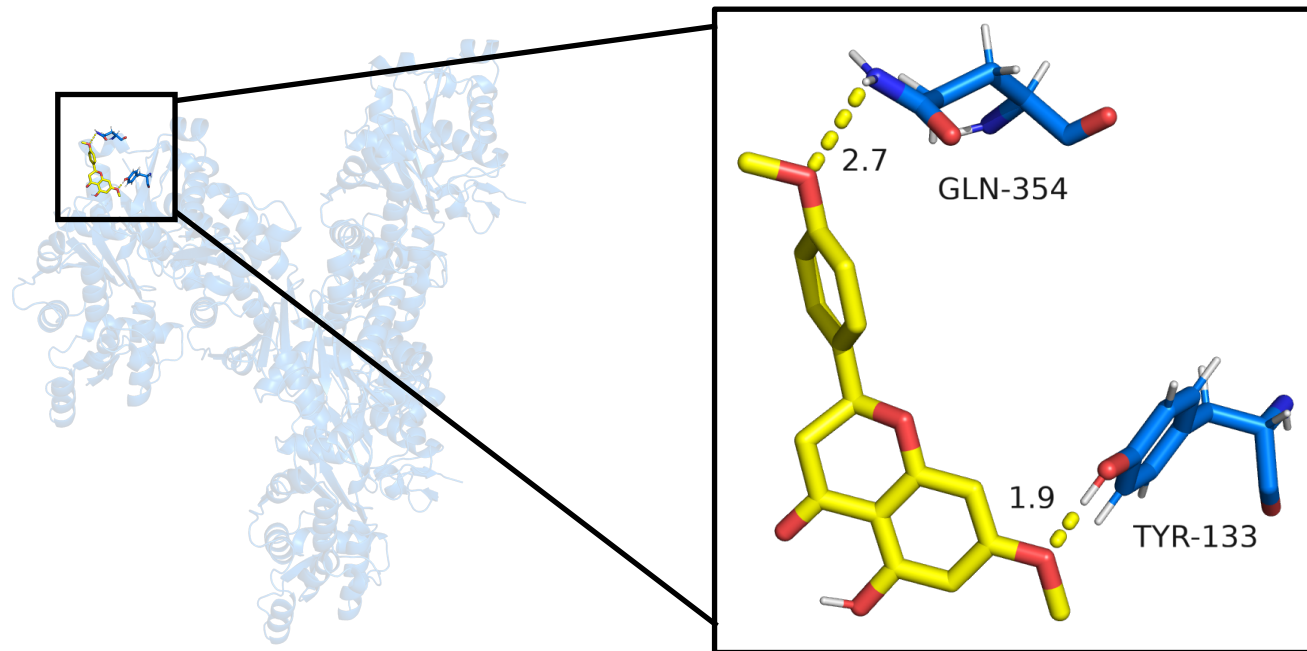
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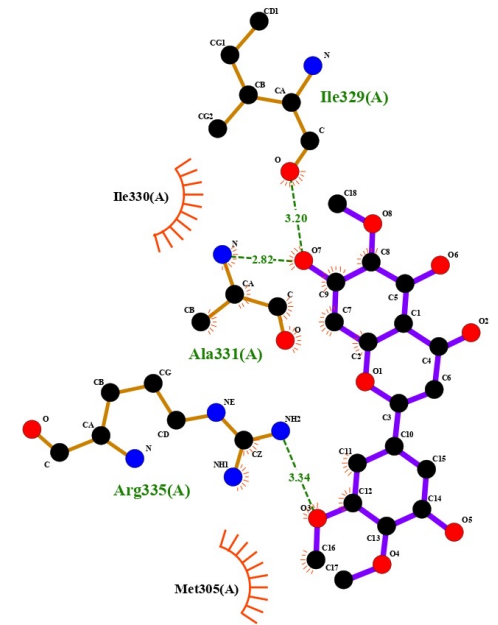
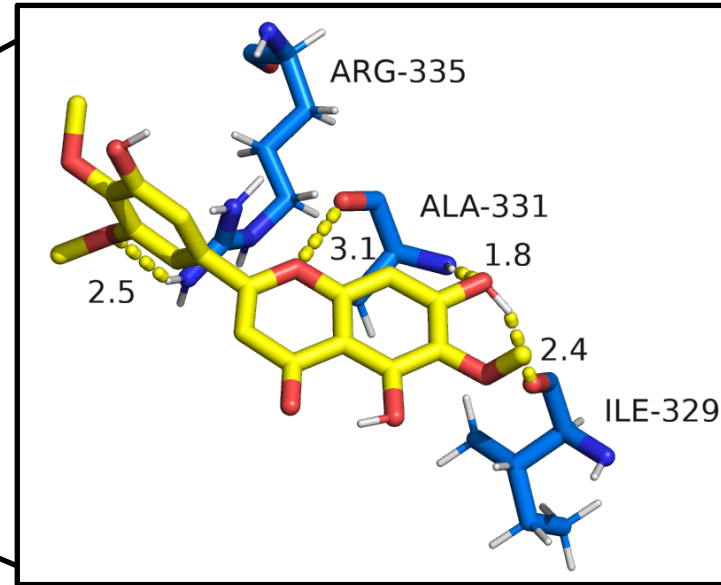
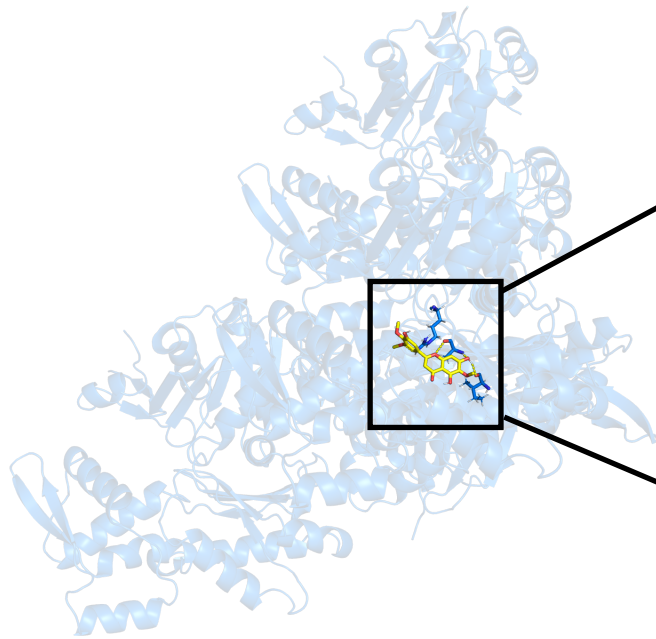
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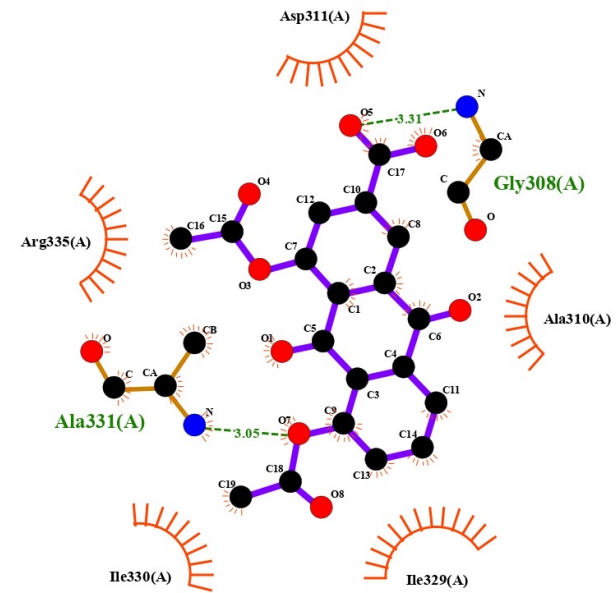
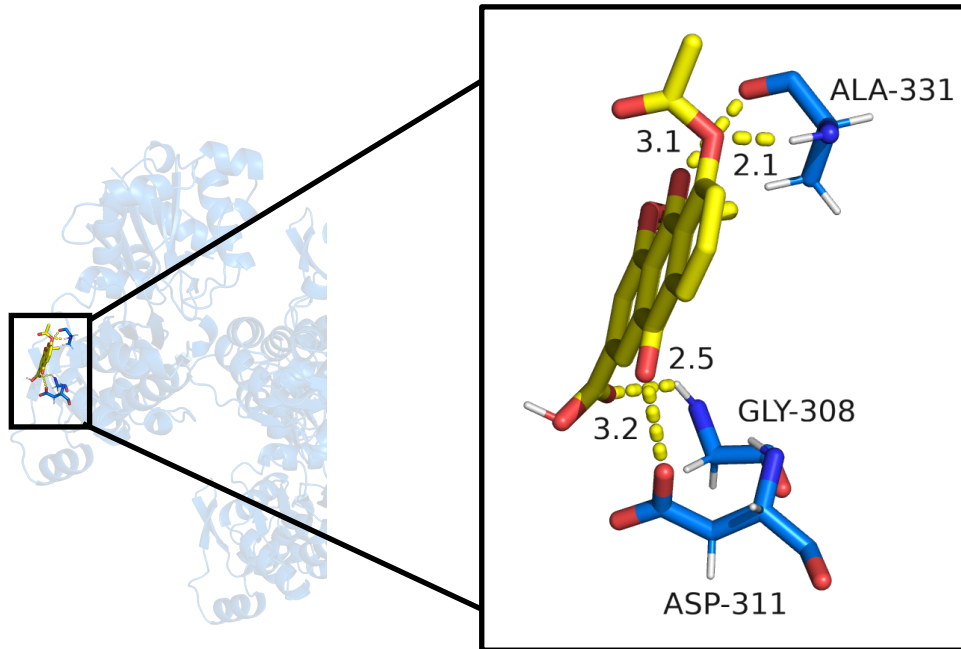
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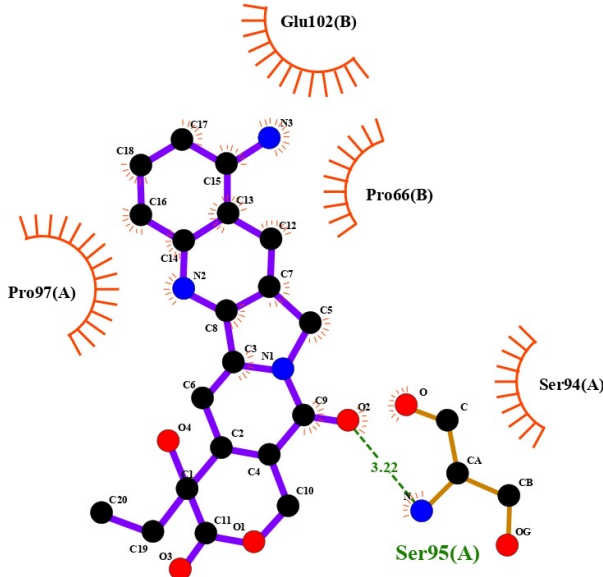
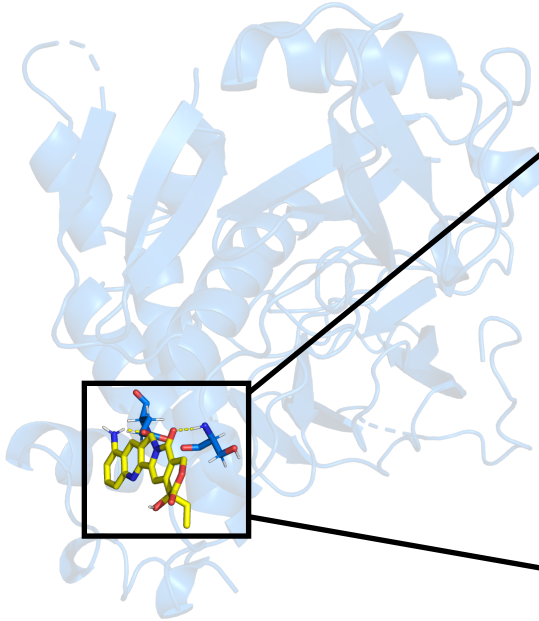
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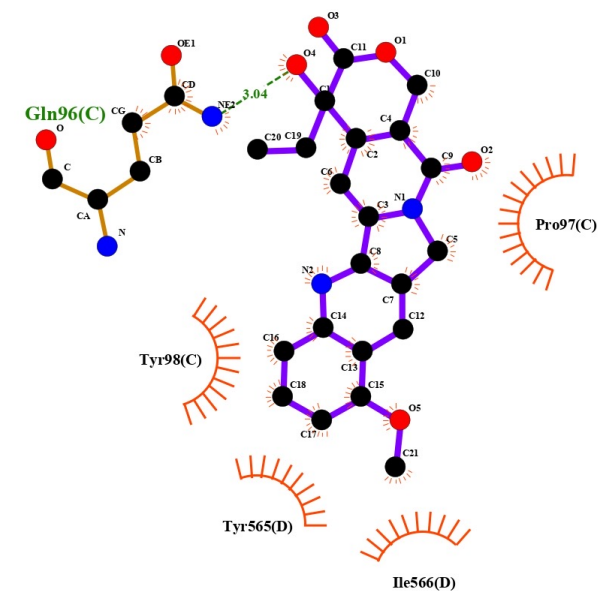


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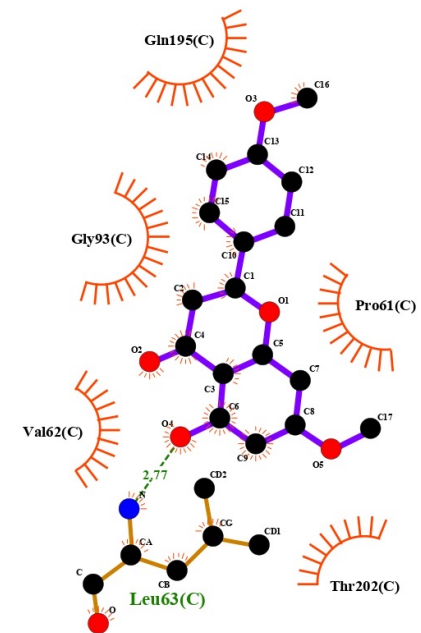
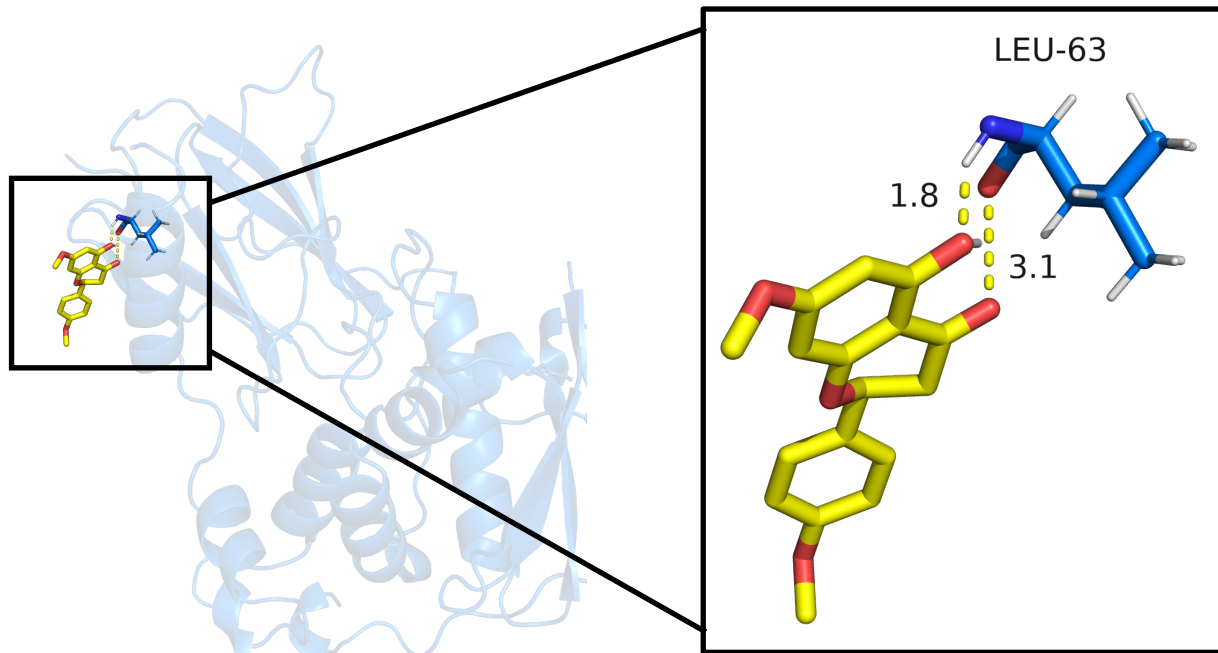


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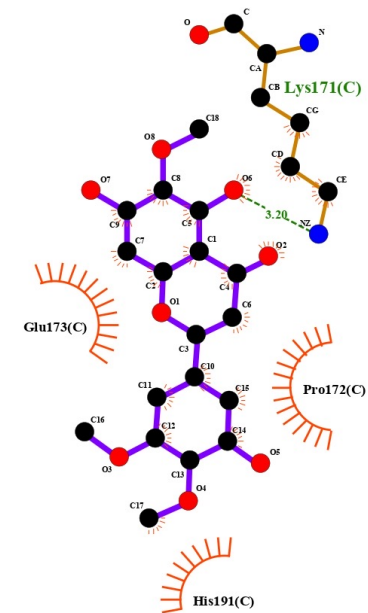
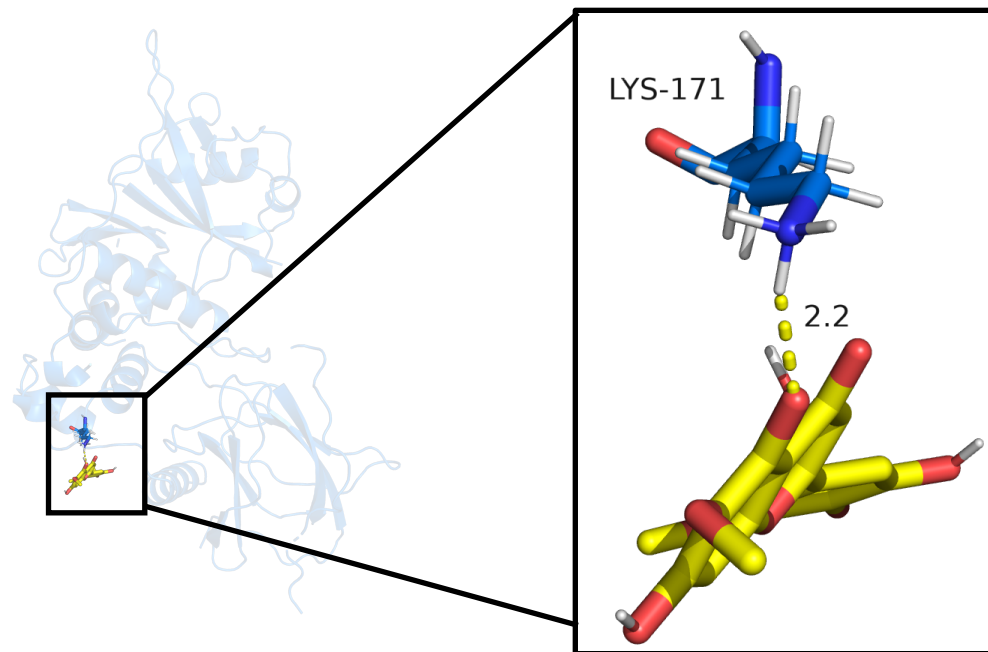




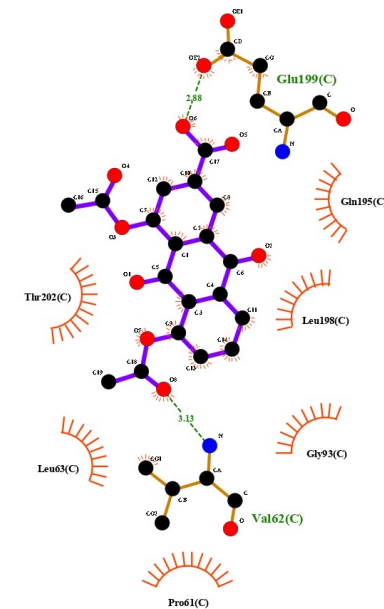
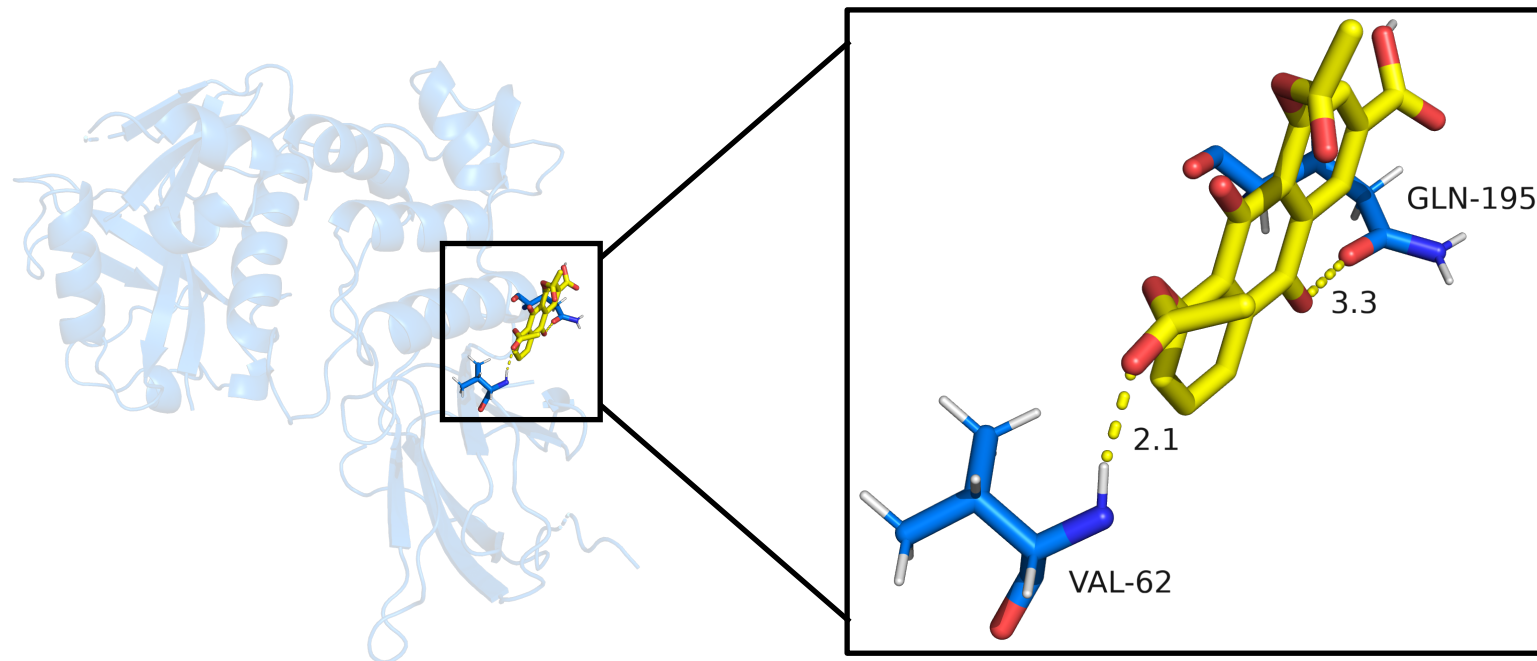
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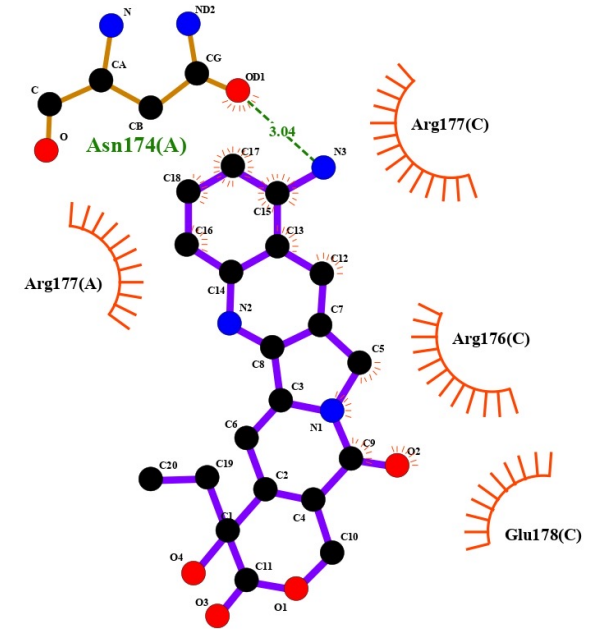


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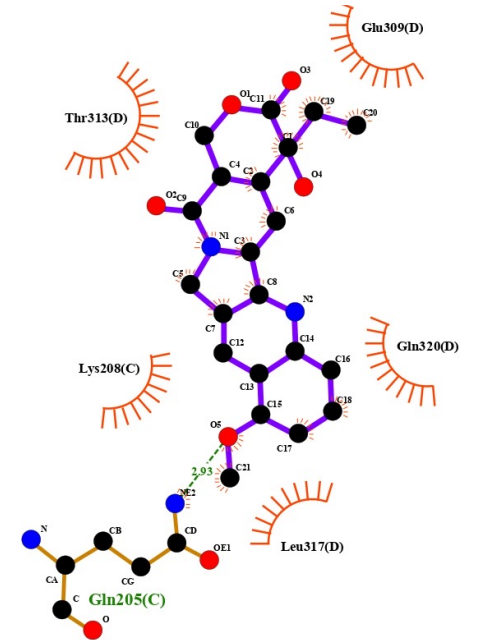
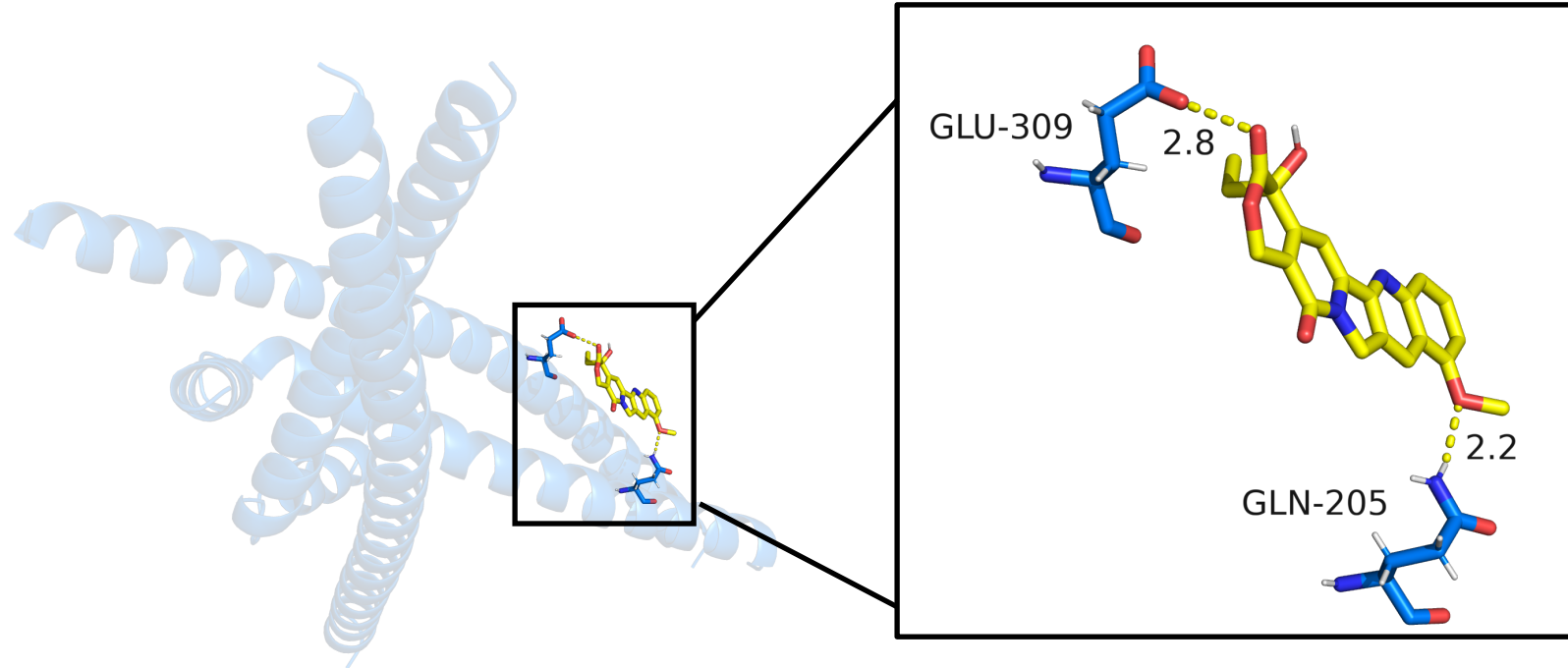


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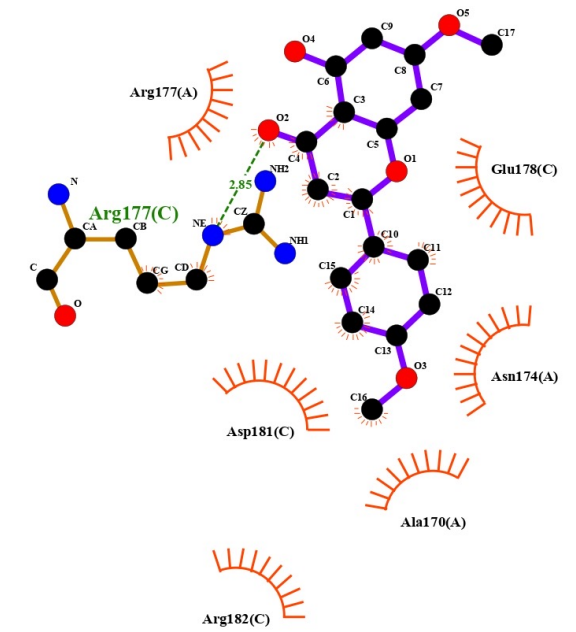
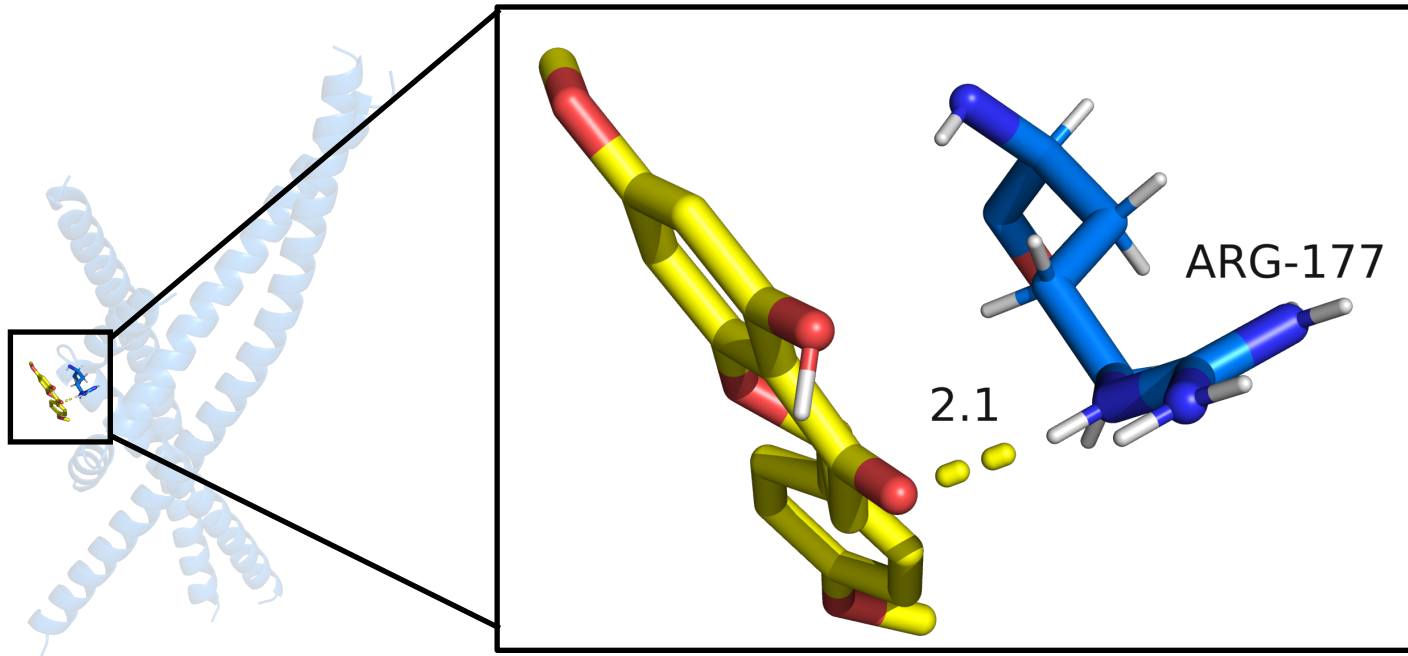




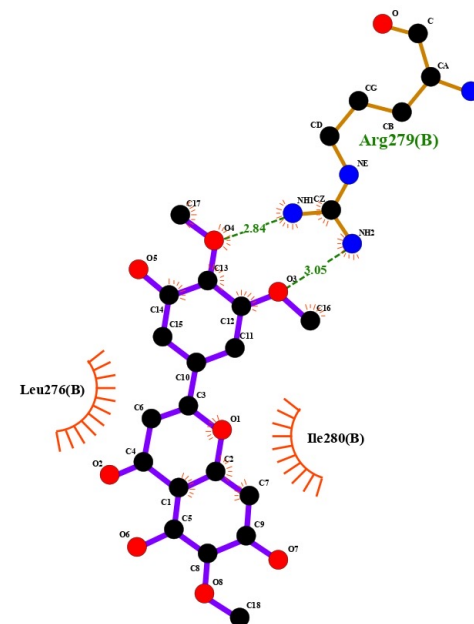
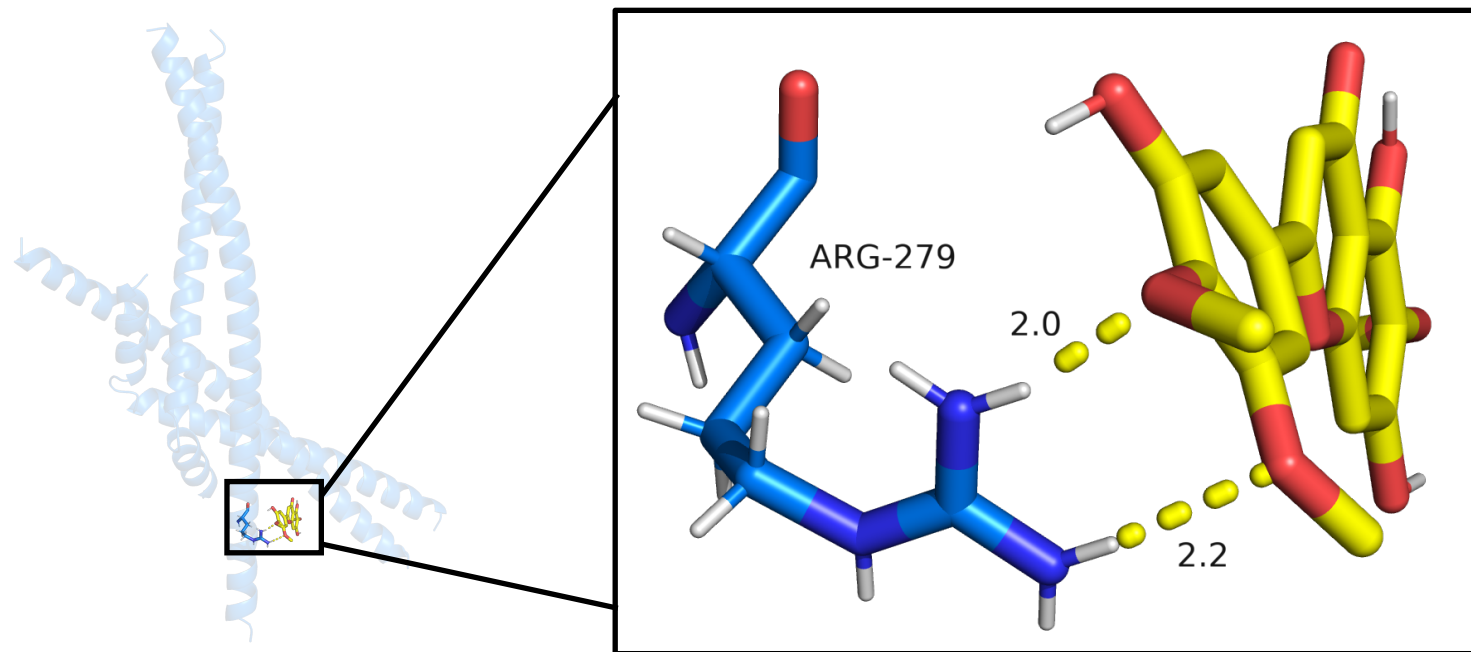
JUN_9_M



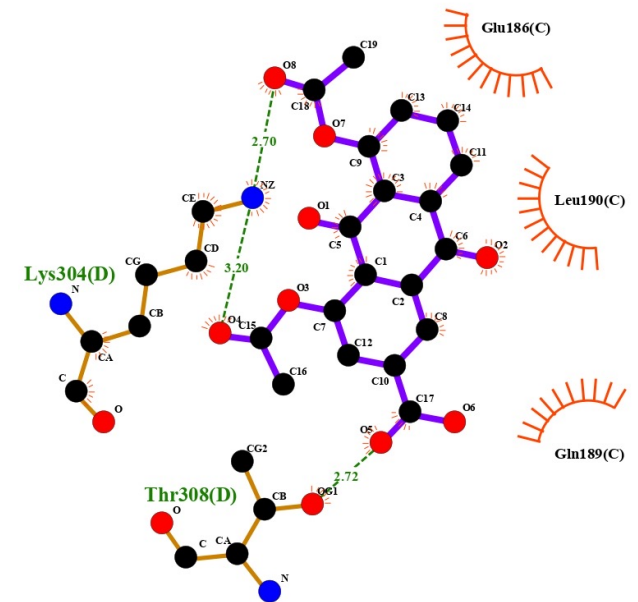
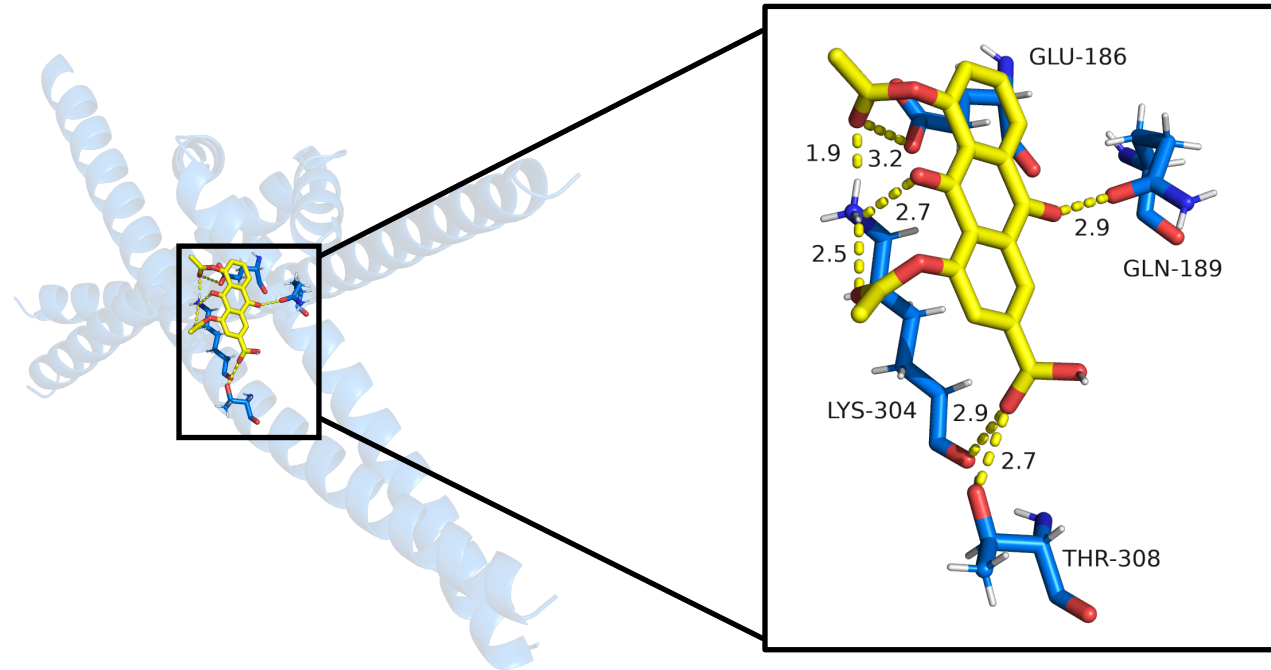
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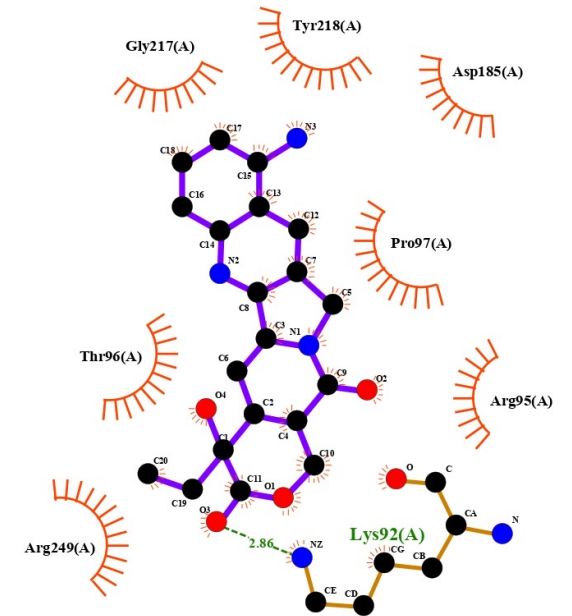
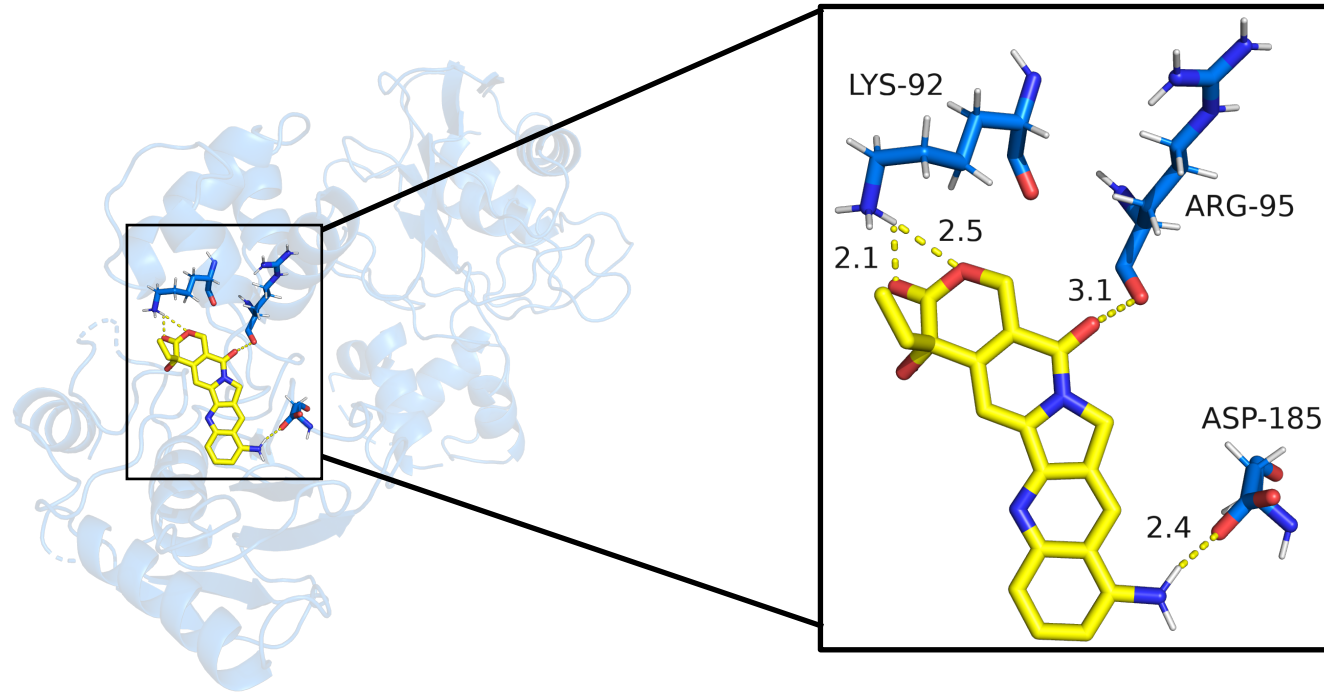
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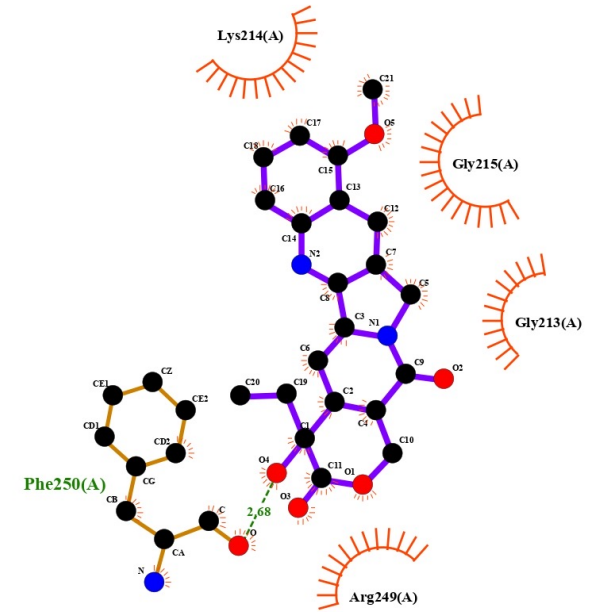
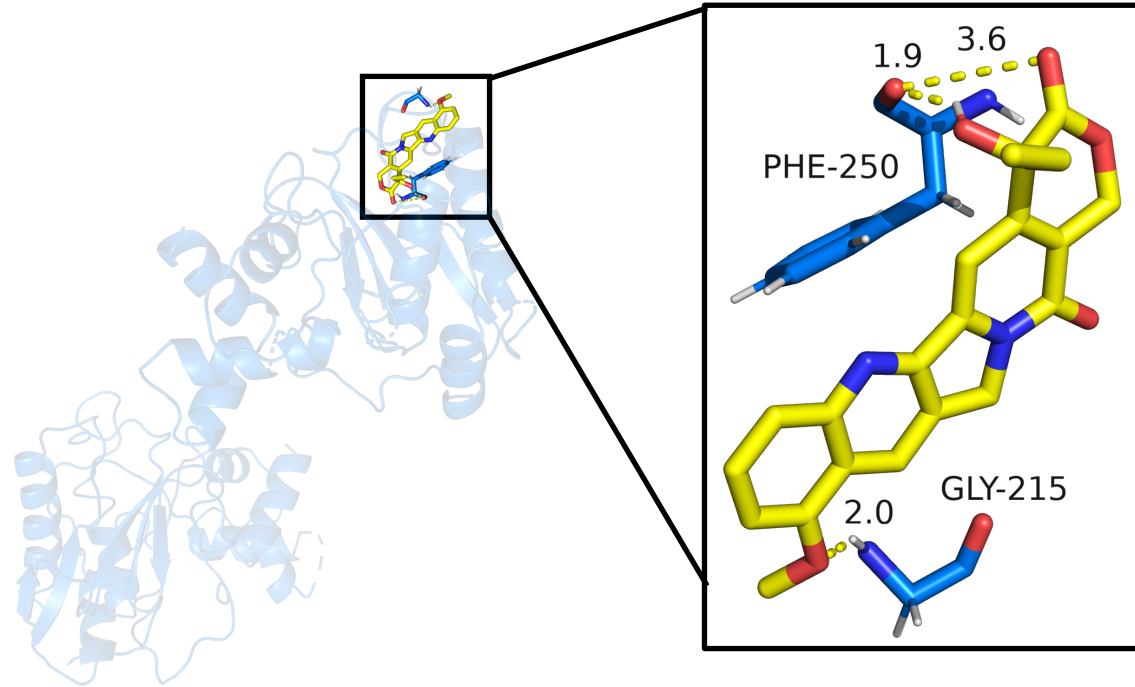
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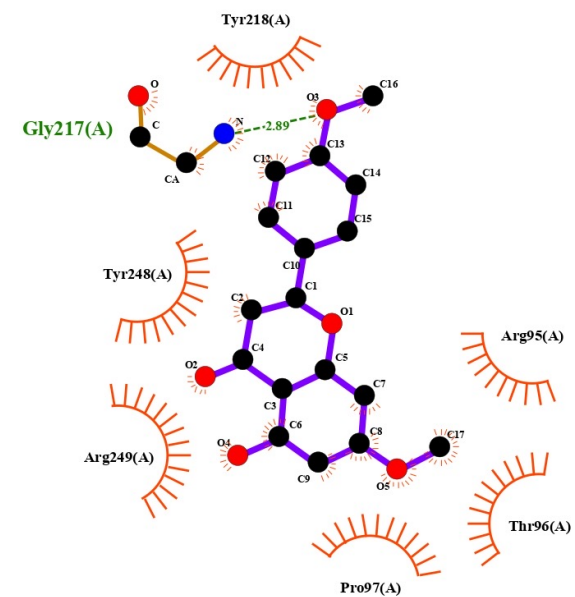
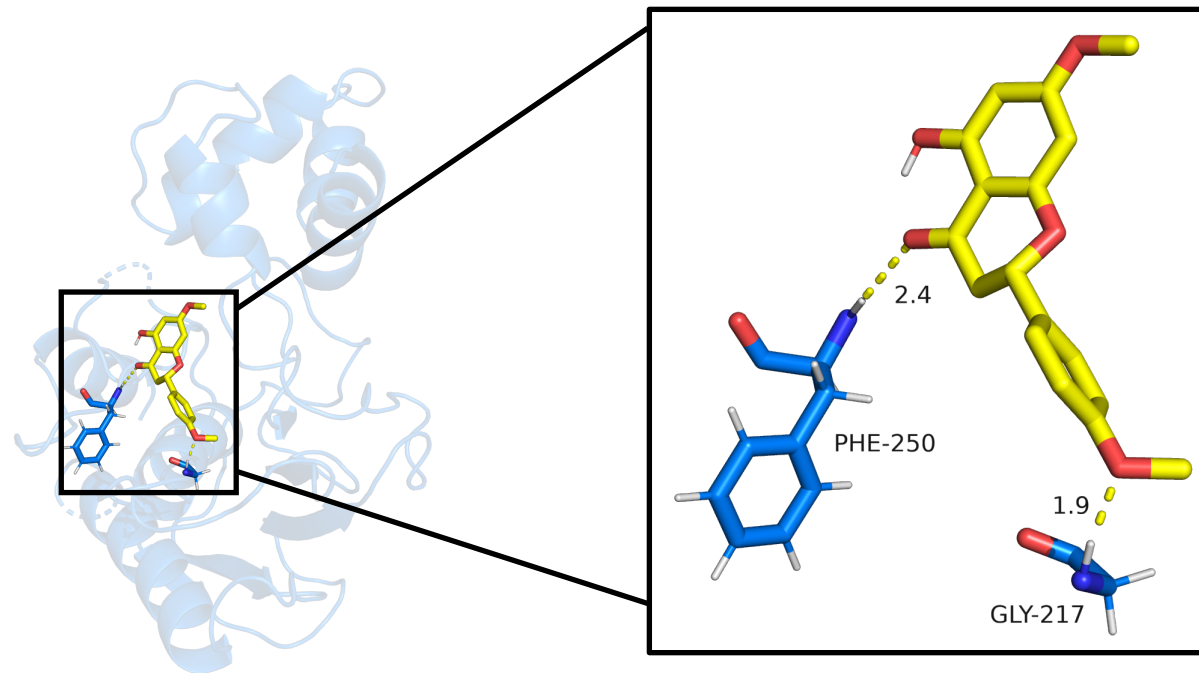
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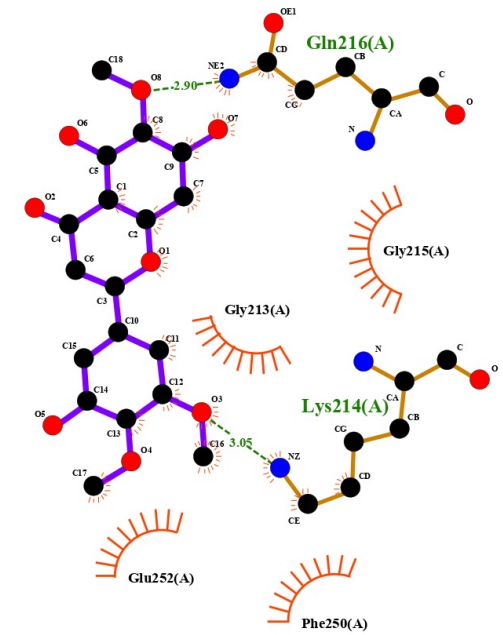
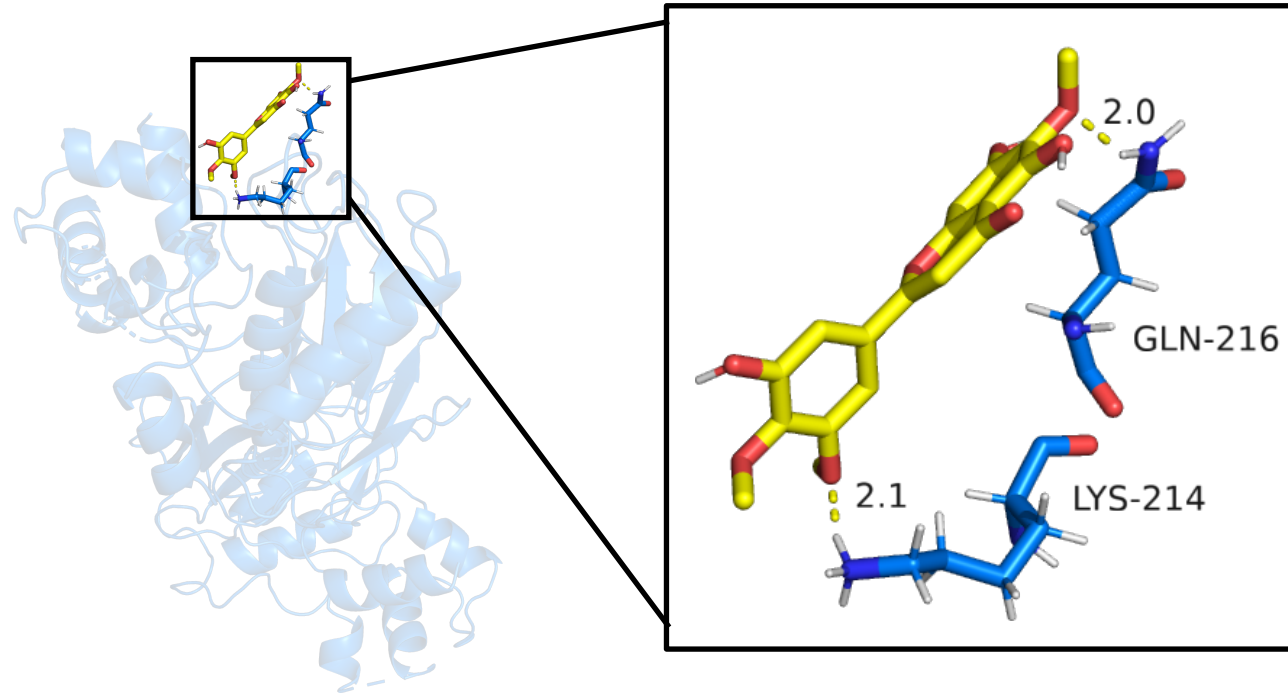
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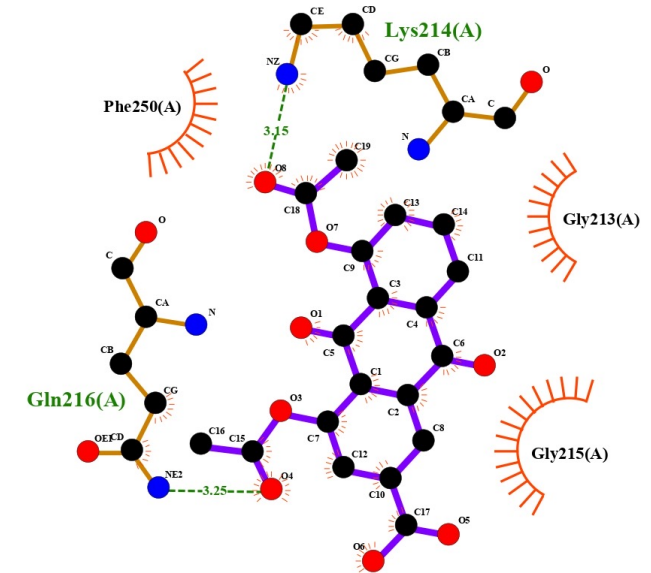
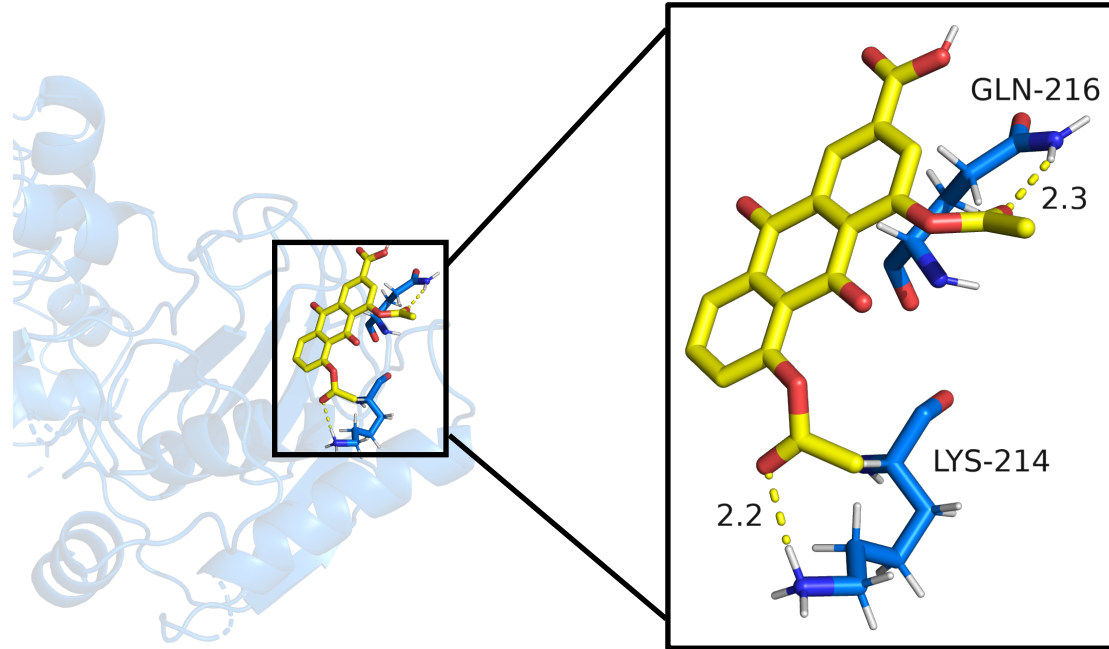
MMP9_47D



MMP9_573



MMP9_DIA



STAT3_9_A

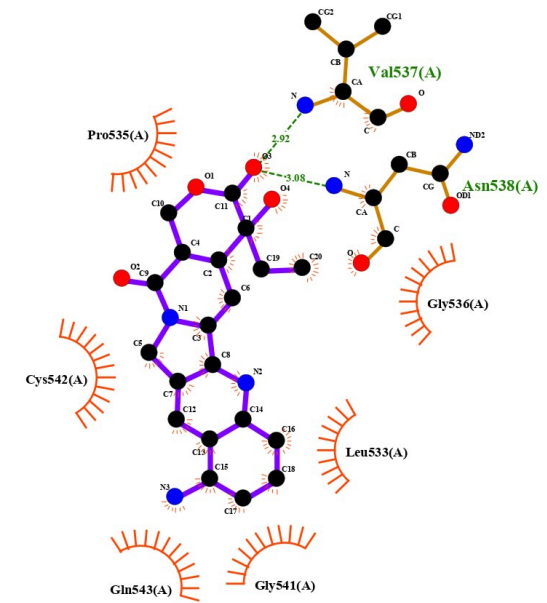
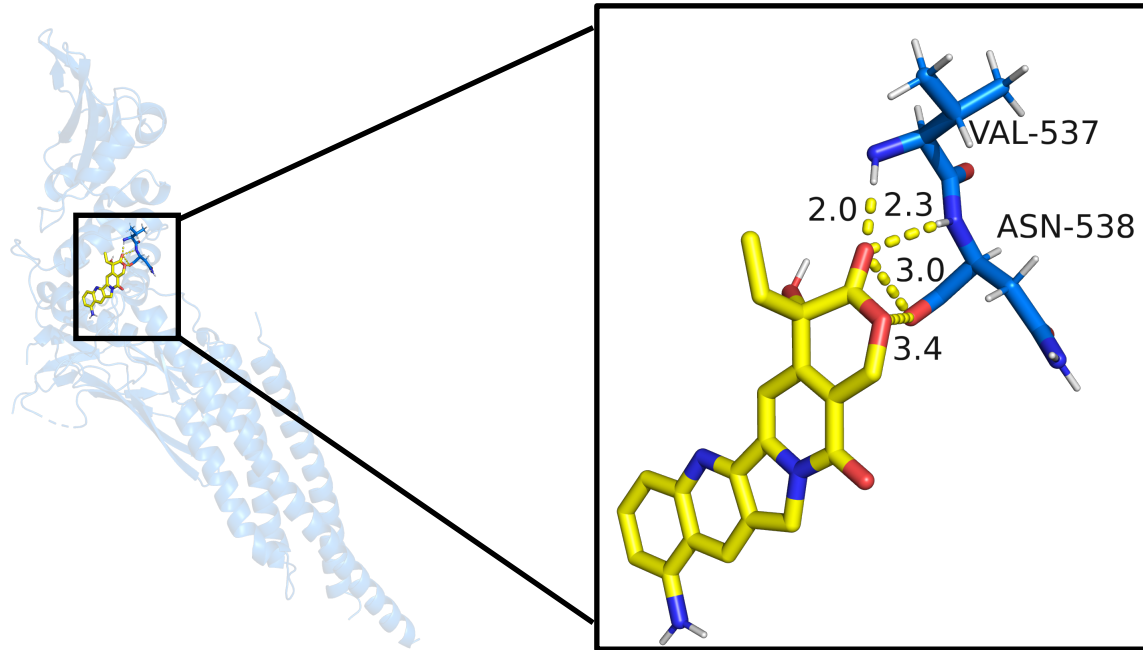
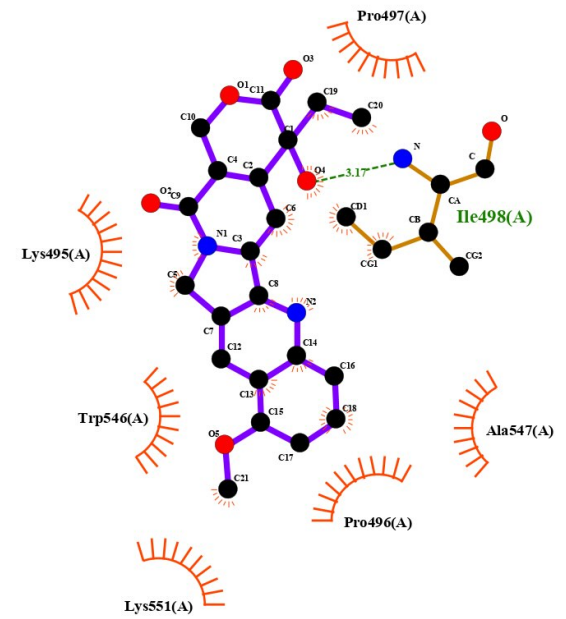
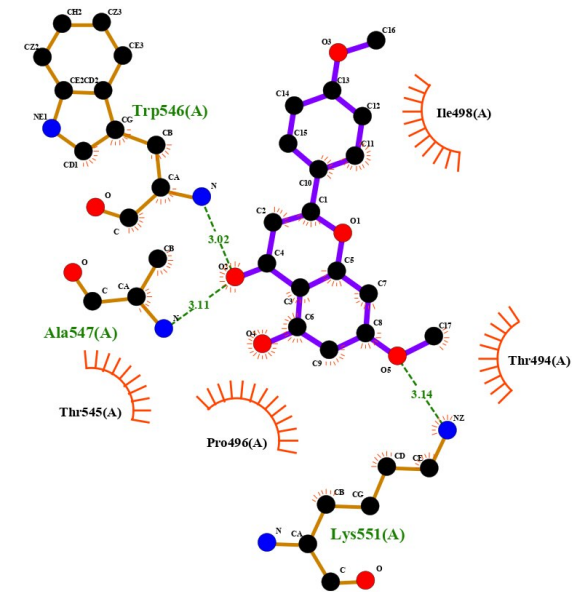
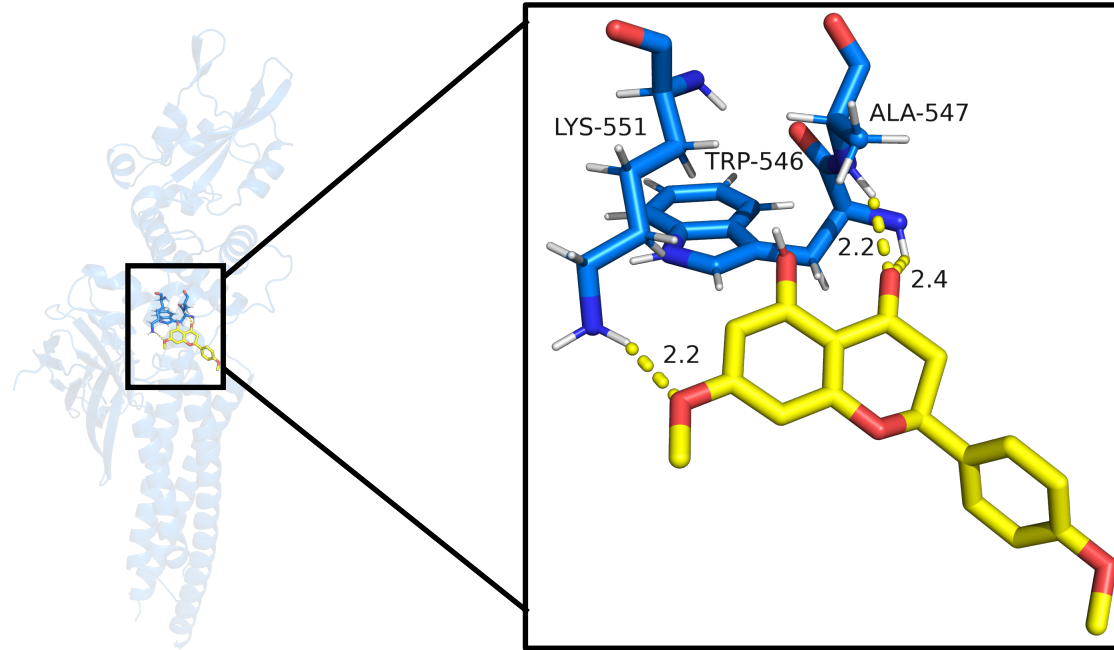
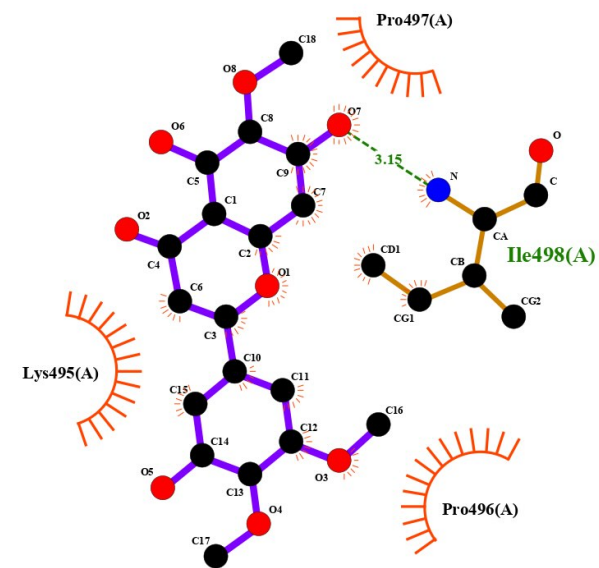
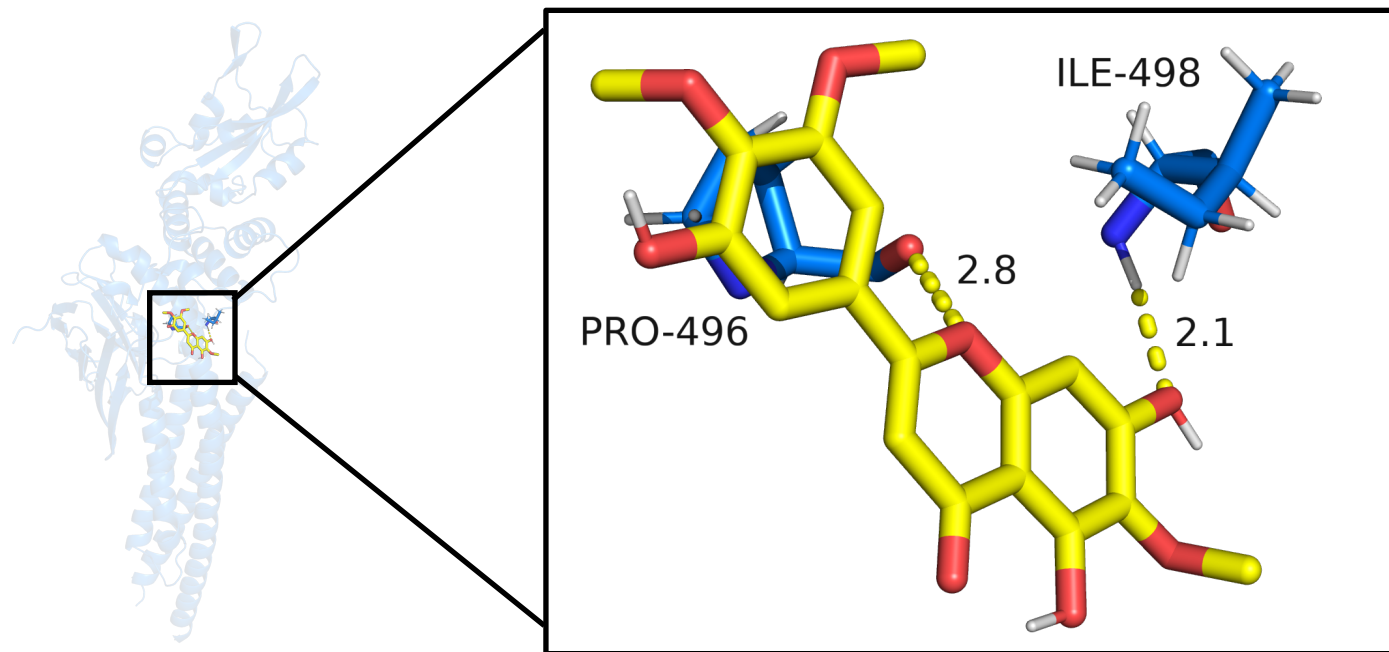


Figure 1: Crystal structure of the active site of the enzyme. The left panel shows a ribbon diagram of the protein structure with a box highlighting the active site. The right panel is a close-up of the active site, showing the interaction between the substrate (yellow sticks) and the enzyme residues (blue sticks). The distance between the sulfur atom of the substrate and the nitrogen atom of the residue PRO-496 is 2.8 Å. The distance between the sulfur atom of the substrate and the nitrogen atom of the residue ILE-498 is 2.2 Å.



STAT3_47D





STAT3 DIA

