**Using Bioinformatics Tools For The Discovery of Dengue RNA-dependent RNA Polymerase Inhibitors**

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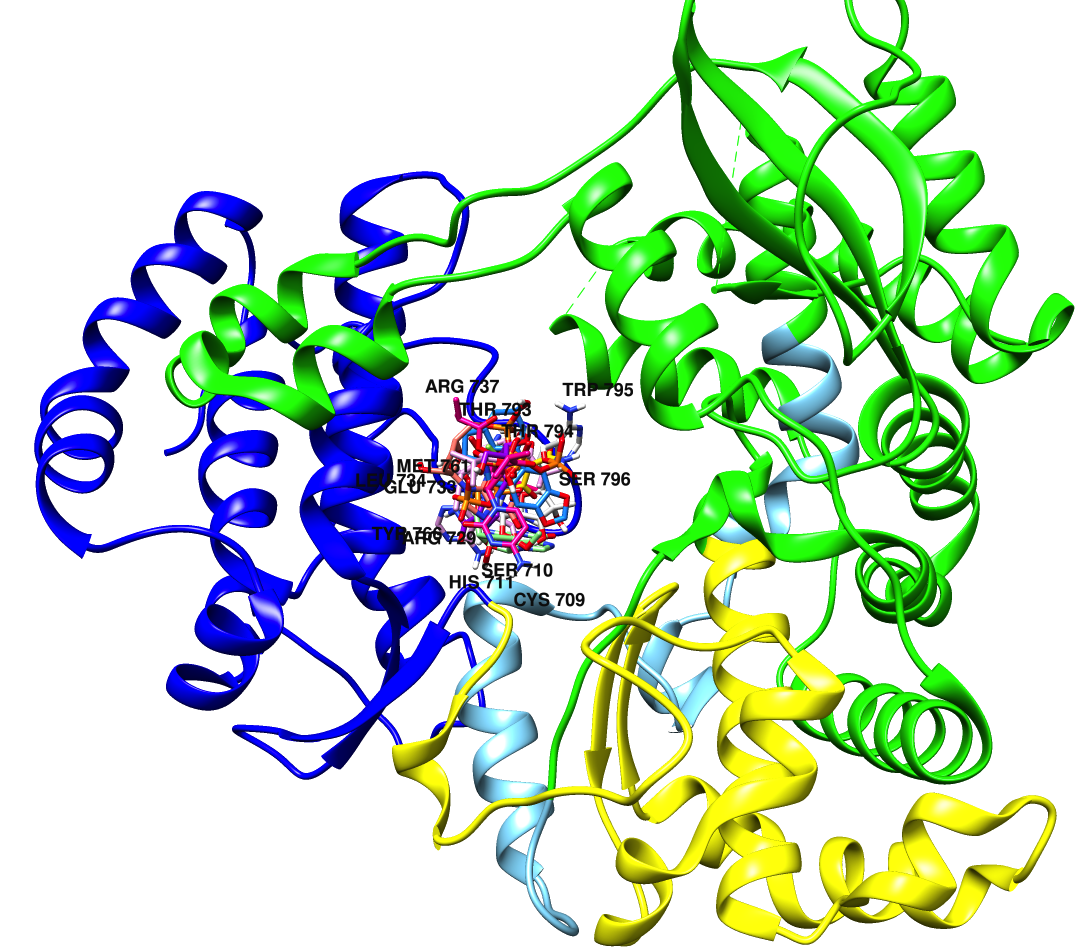
**Supplementary Material**

Links for Protein crystal structures:

* <https://www.rcsb.org/structure/5K5M>
* <https://www.rcsb.org/structure/5I3Q>

Links for PubChem structures:

* NITD008: <https://pubchem.ncbi.nlm.nih.gov/compound/44633776>
* Balapiravir: <https://pubchem.ncbi.nlm.nih.gov/compound/11691726>
* Lycorine: <https://pubchem.ncbi.nlm.nih.gov/compound/11822288#section=Top>
* Ribavirin: <https://pubchem.ncbi.nlm.nih.gov/compound/37542>
* 7-Deaza-2’mathyladenosine: <https://pubchem.ncbi.nlm.nih.gov/compound/127927>
* 3’-dGTP: <https://pubchem.ncbi.nlm.nih.gov/compound/148770>
* 2’O-metil GTP: <https://pubchem.ncbi.nlm.nih.gov/compound/2_-O-Methylguanosine>
* NITD-203: <https://pubchem.ncbi.nlm.nih.gov/compound/44633774>
* Favipiravir: <https://pubchem.ncbi.nlm.nih.gov/compound/492405>
* Ivermectin: <https://pubchem.ncbi.nlm.nih.gov/compound/11957587>



**Figure S1**: Superimposed docked complexes with GTP-bound RdRp (PDB code: 2J7W). Validation of docking to the active site of the enzyme at the region of natural substrate binding.

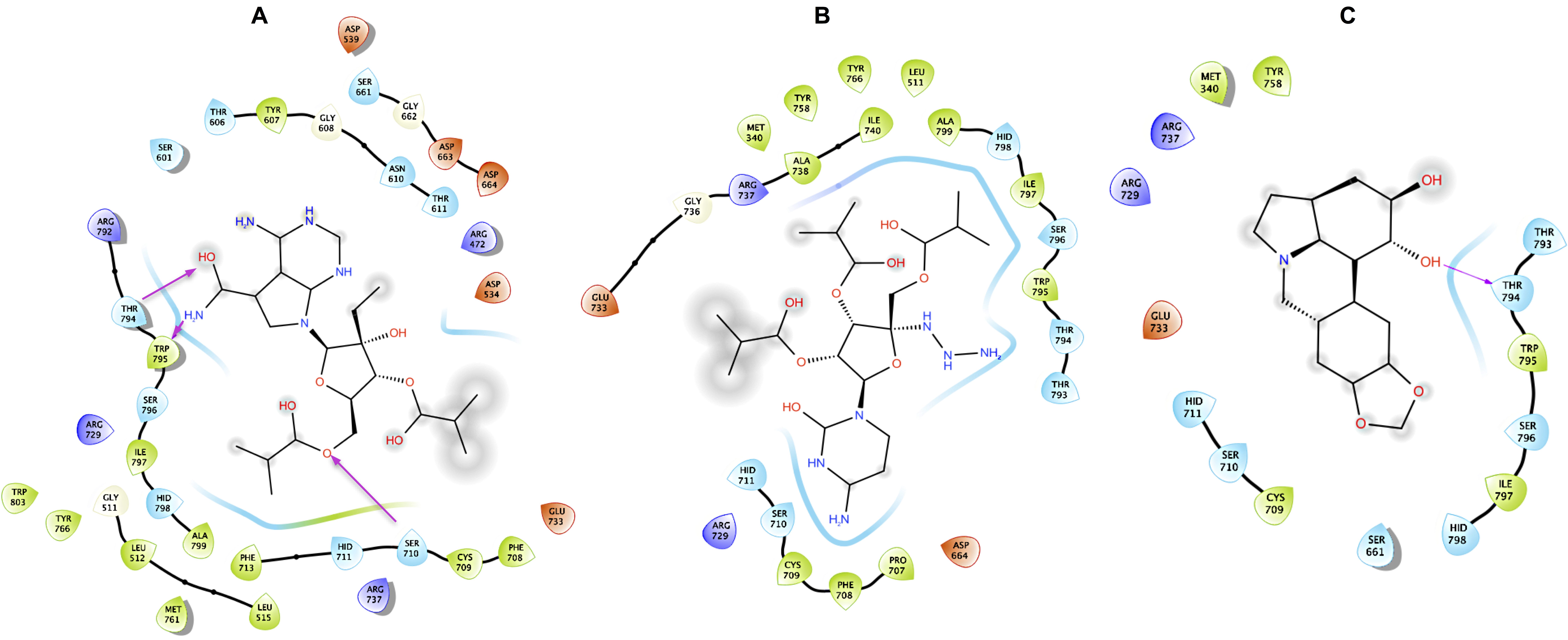


Figure S2: Protein-ligand interaction plots (A) NITD-203 RdRp complex, (B) Balapiravir RdRp Complex, (C) Lycorine RdRp complex.