1. Name - The Angiotensin II Receptor Type 1 (AT1R)

Structure of angiotensin II type I receptor (AT1R) nanobody antagonist AT118i4h32

1. PDB Id with structure – 7T83

**3-D structure of the receptor**



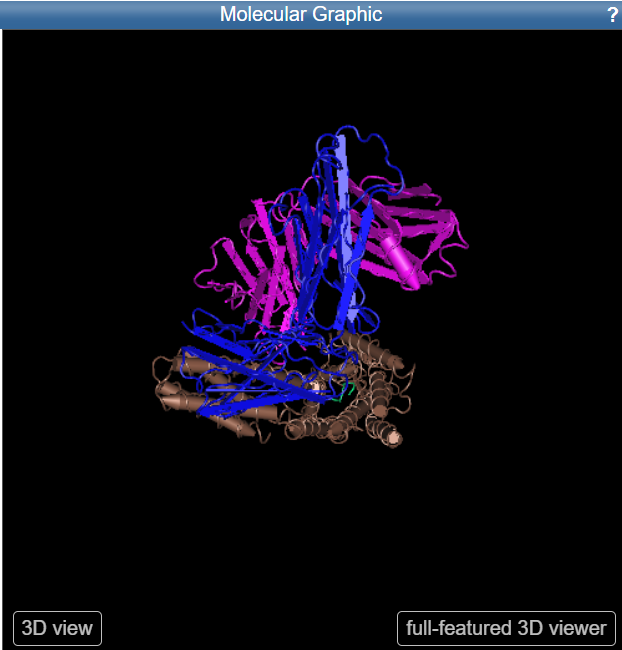
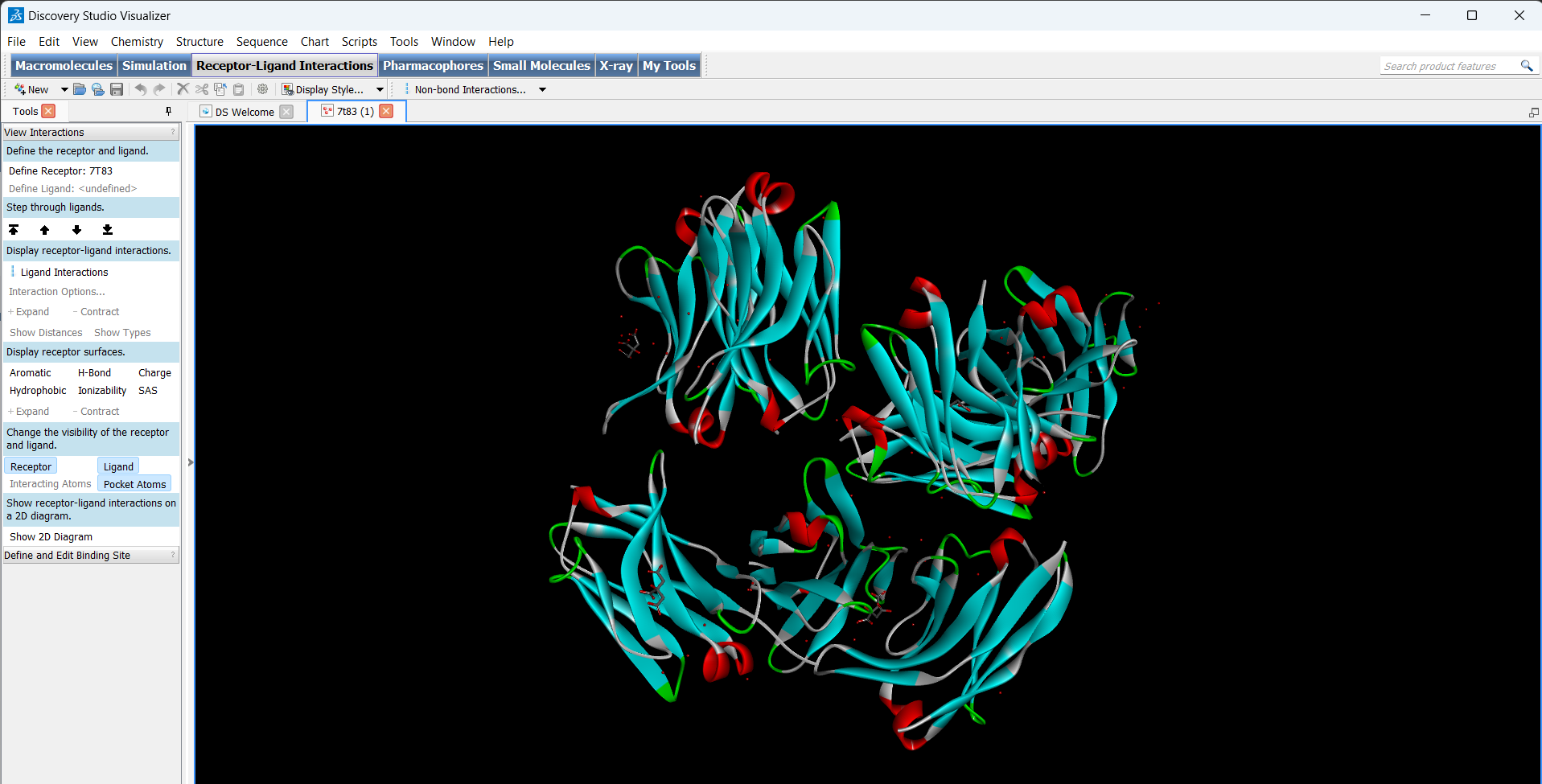


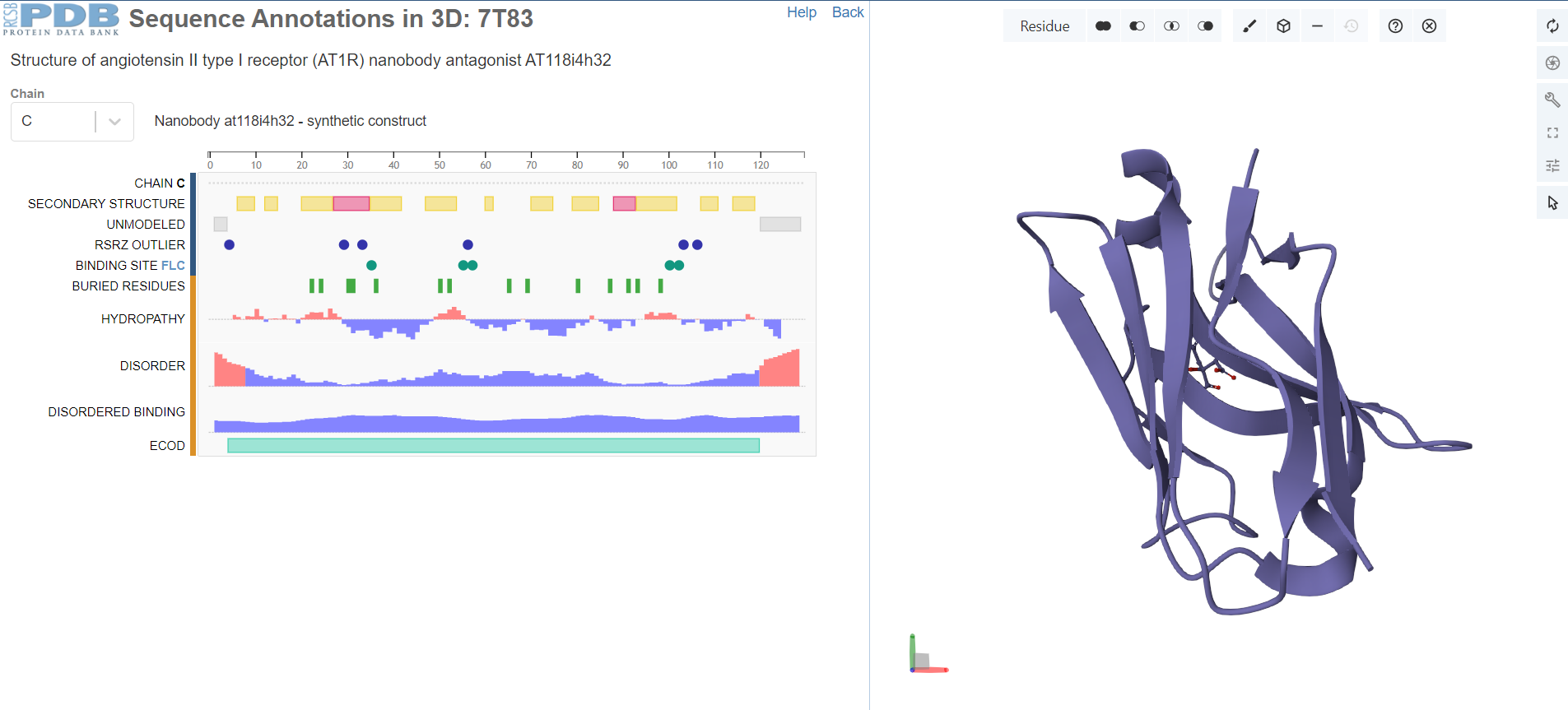
Image of the molecule in the document



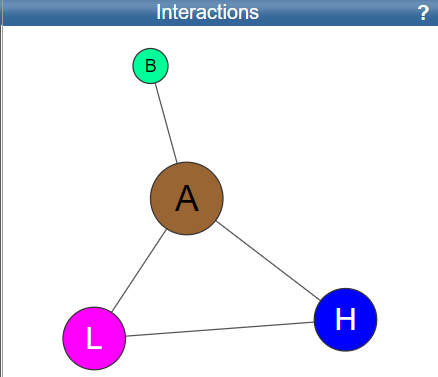
3.) List the interaction region, domain of the molecule

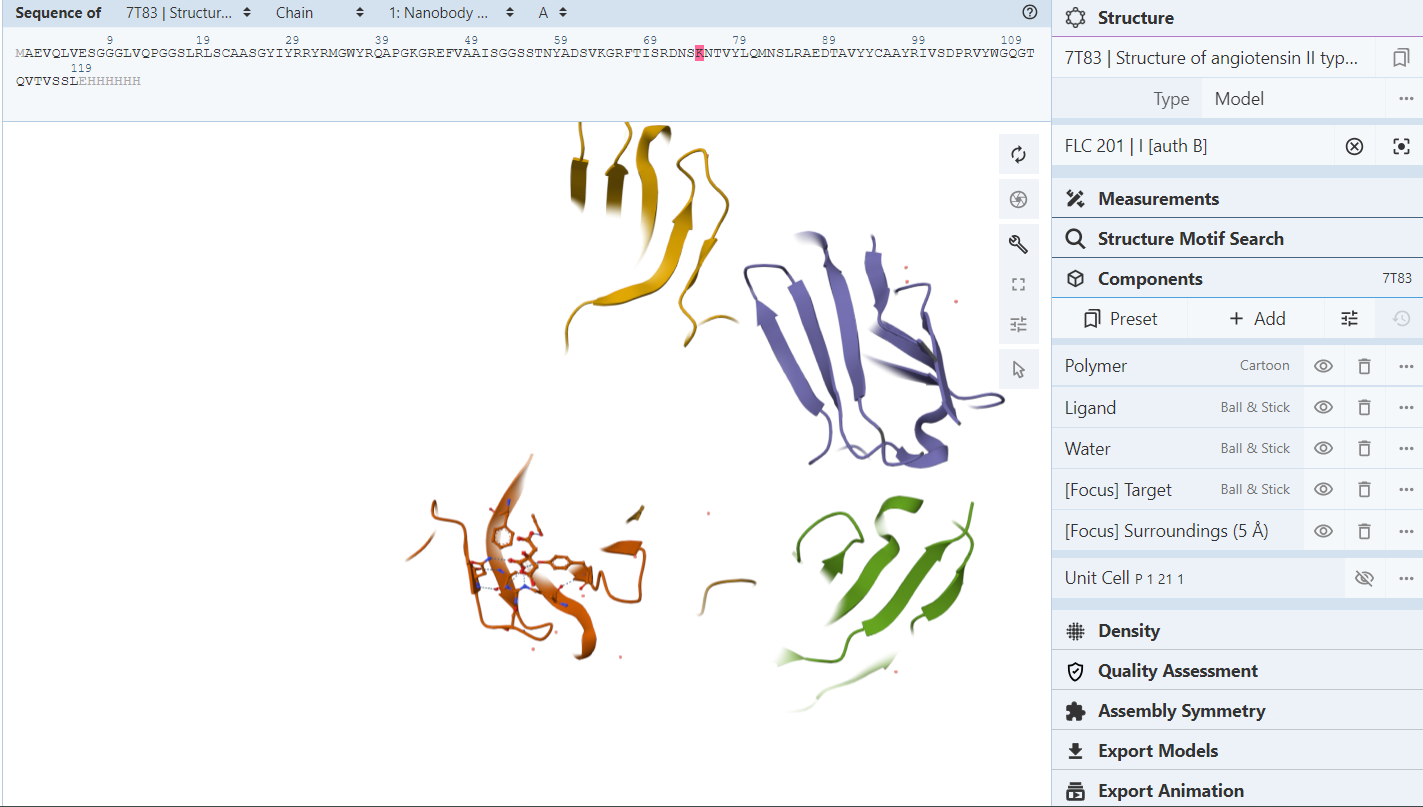


Sequence annotation and its interaction

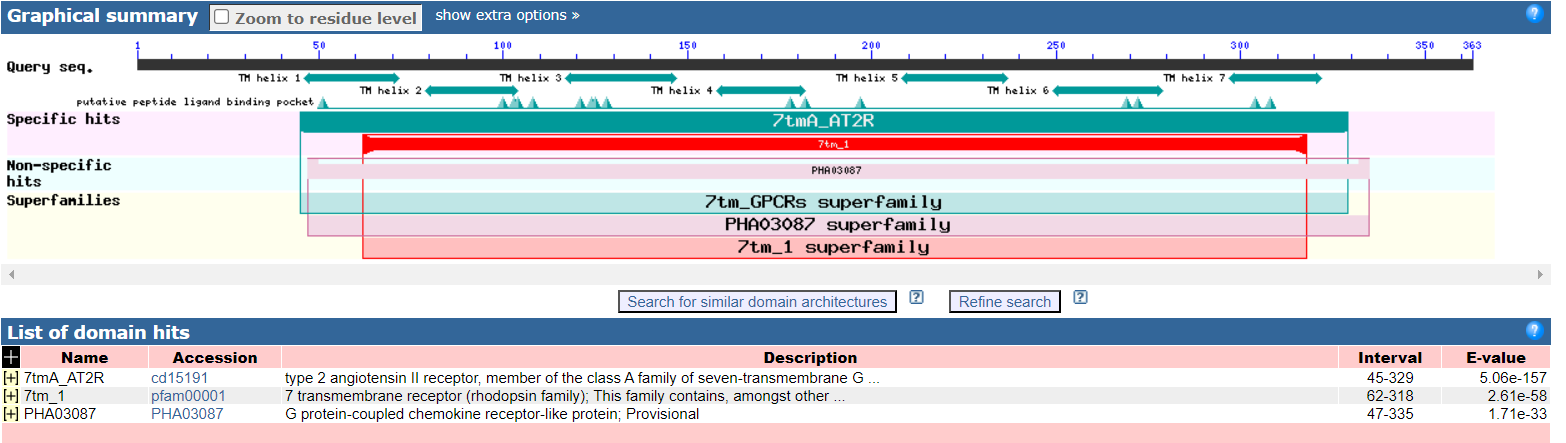


Ligand interaction

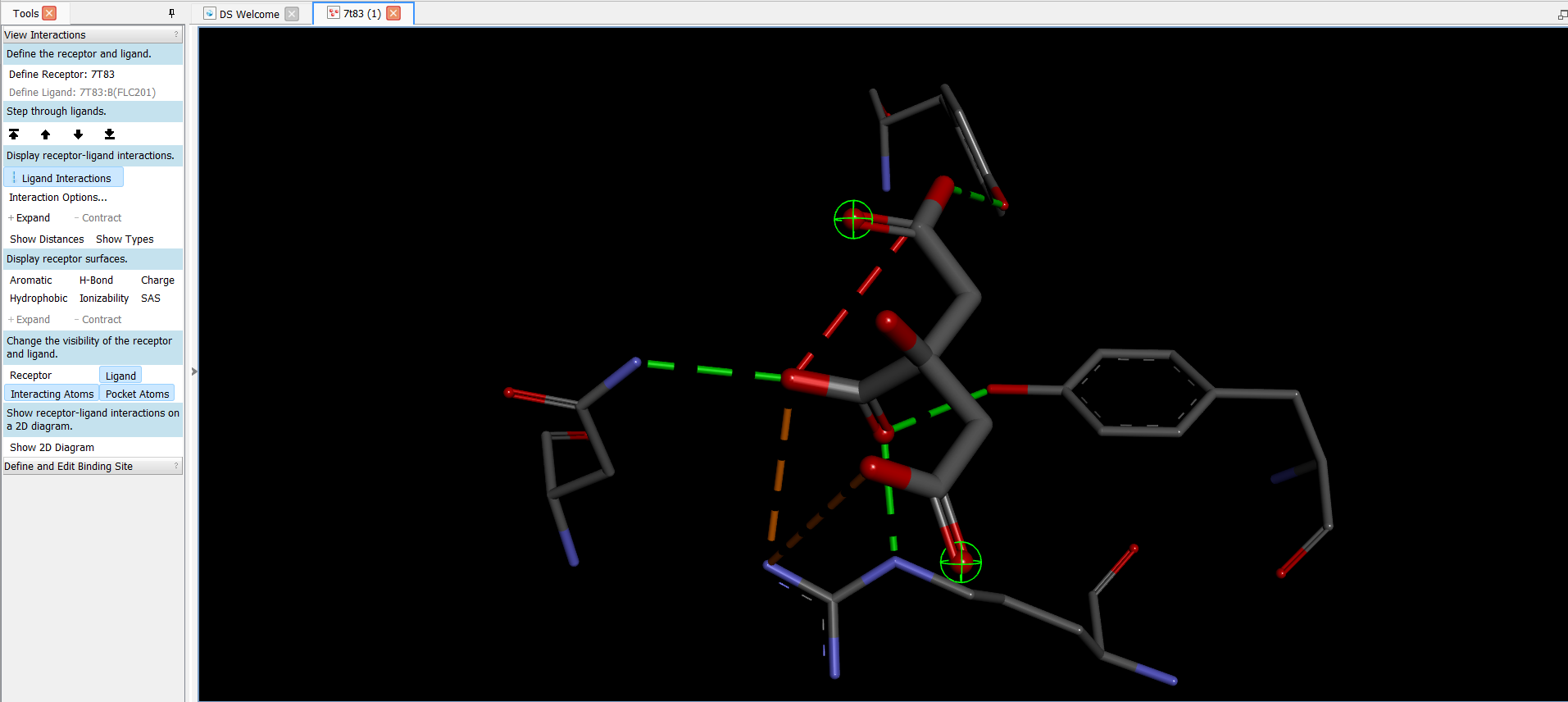


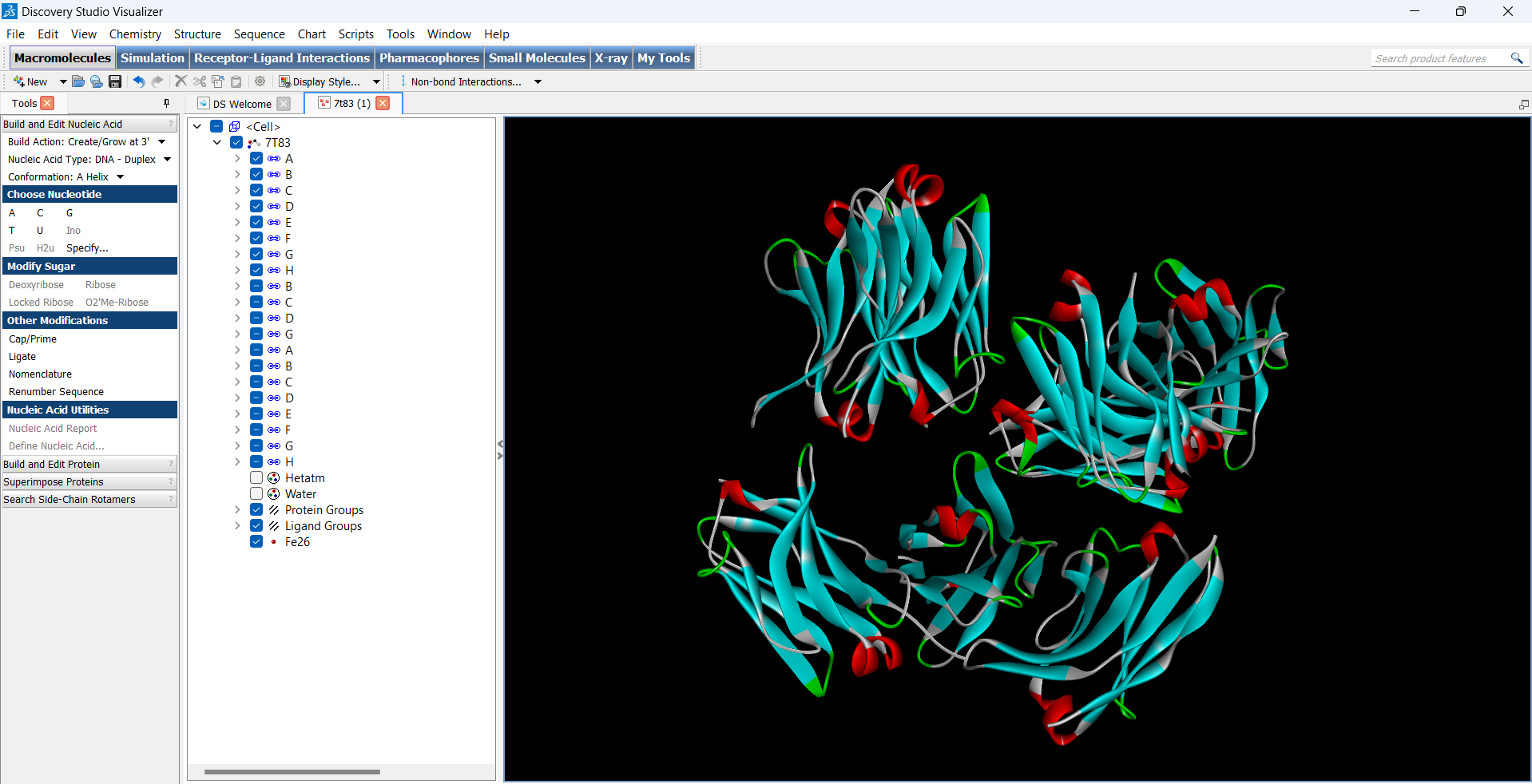


Domains



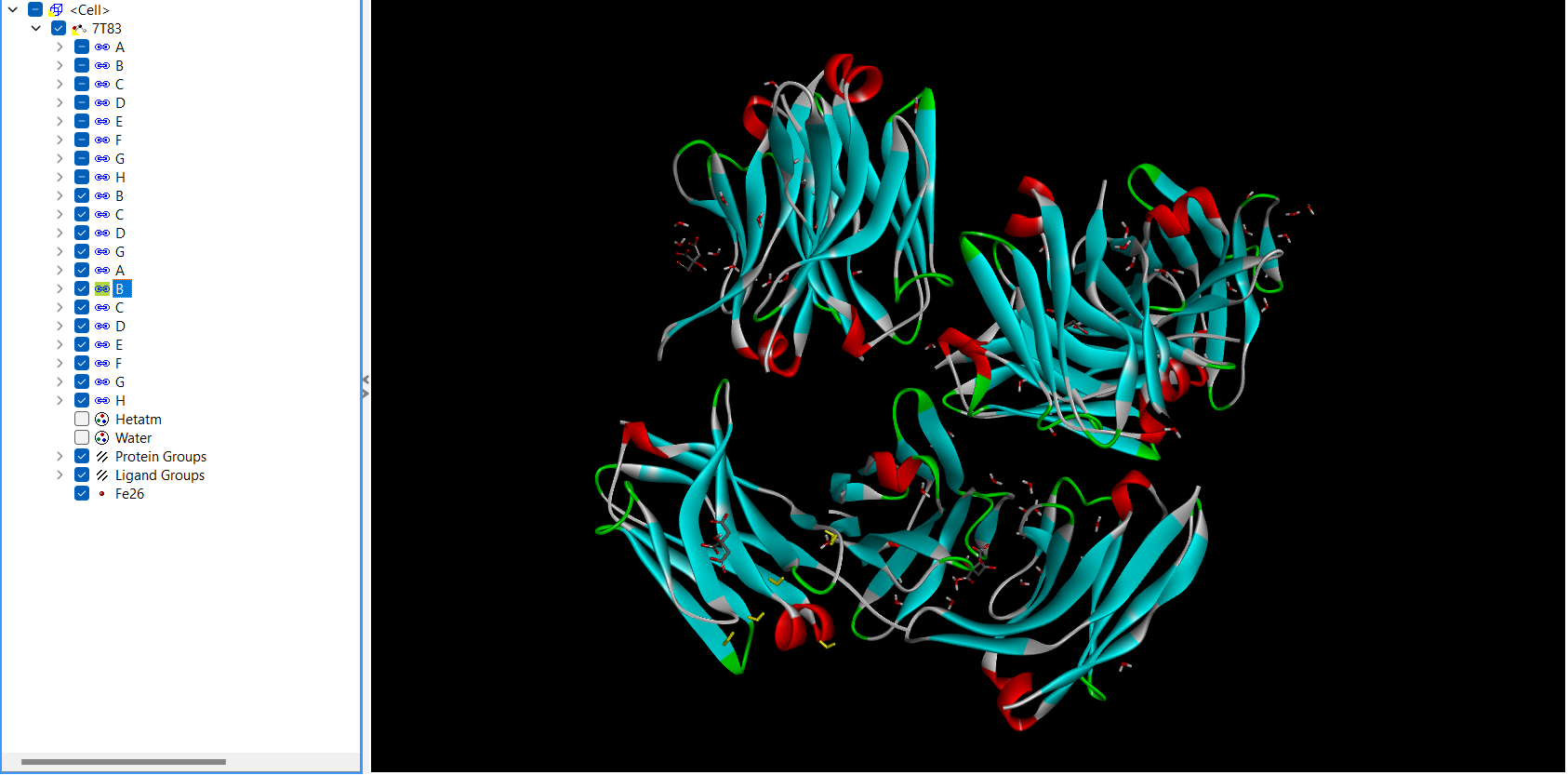
Interaction region of the molecule

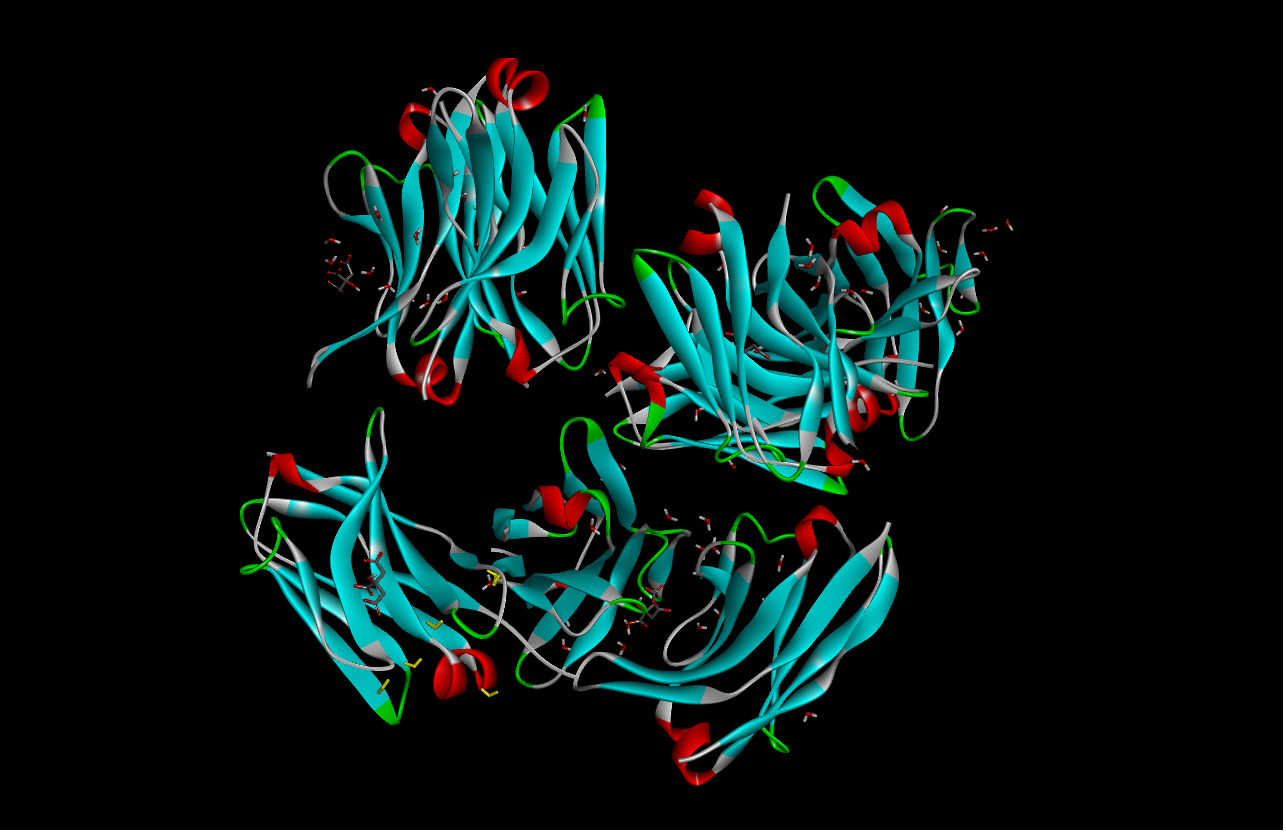




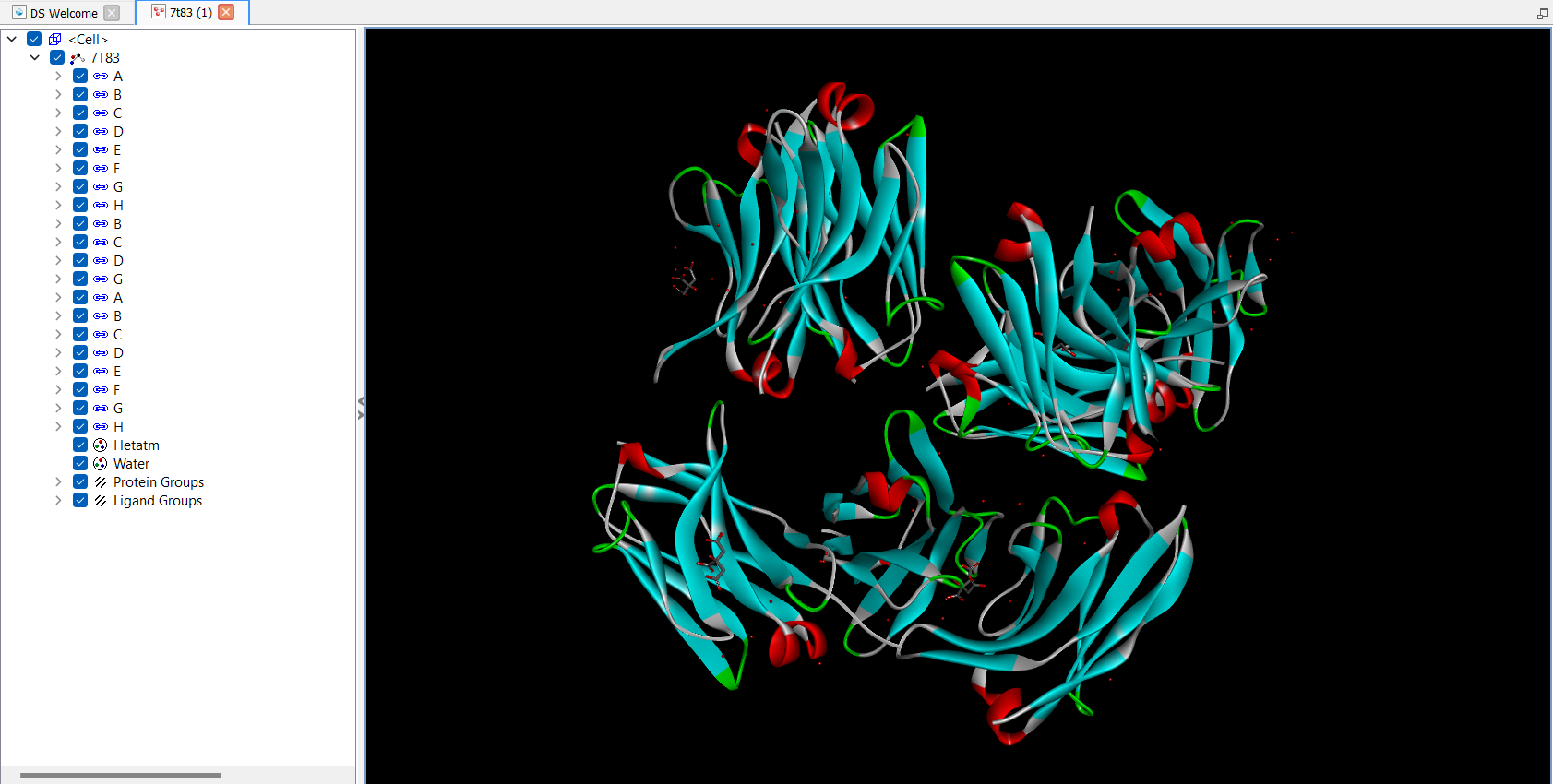
Number of chains = 20

List the natural molecule co-crystallised with the target molecule

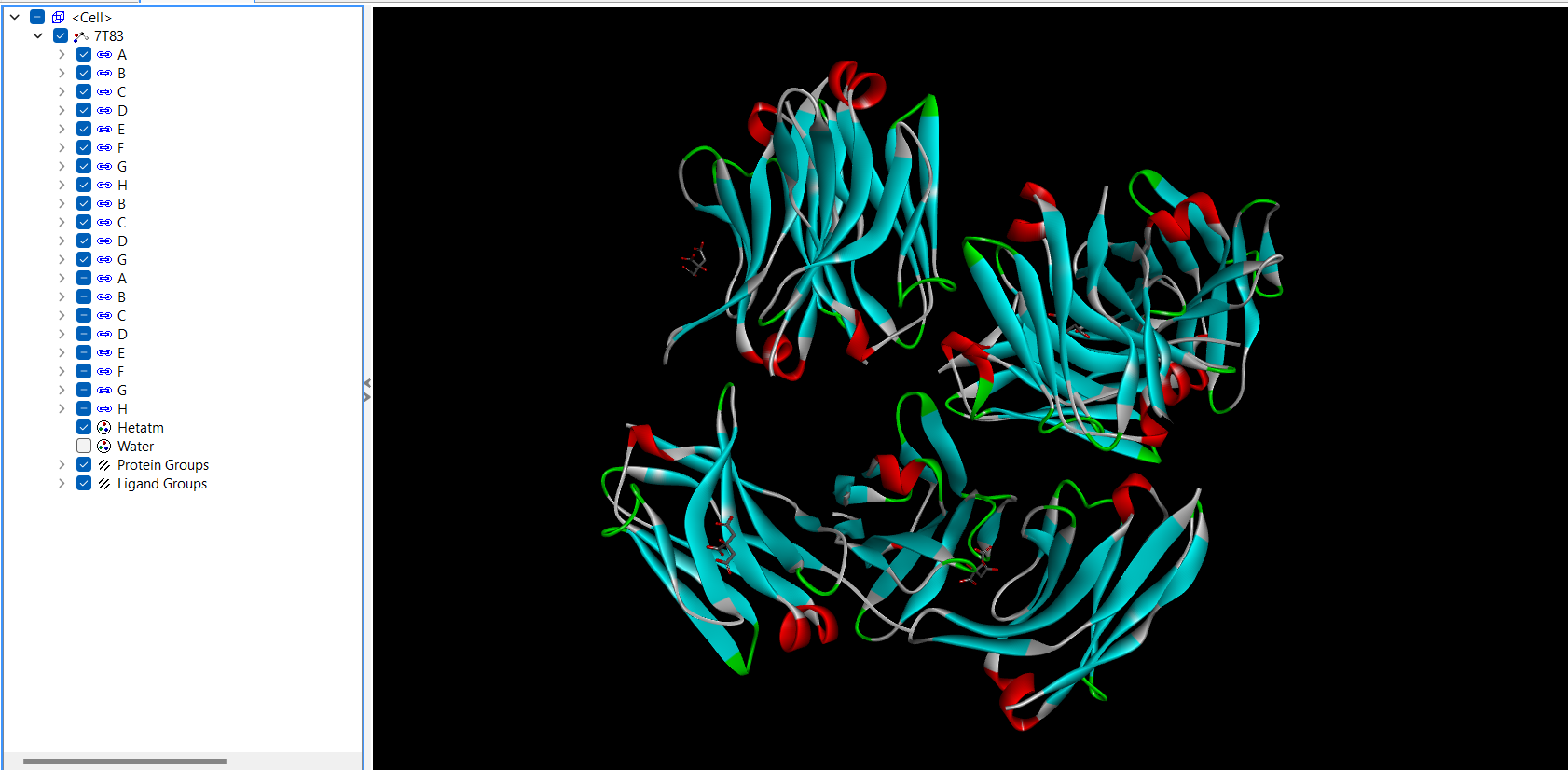




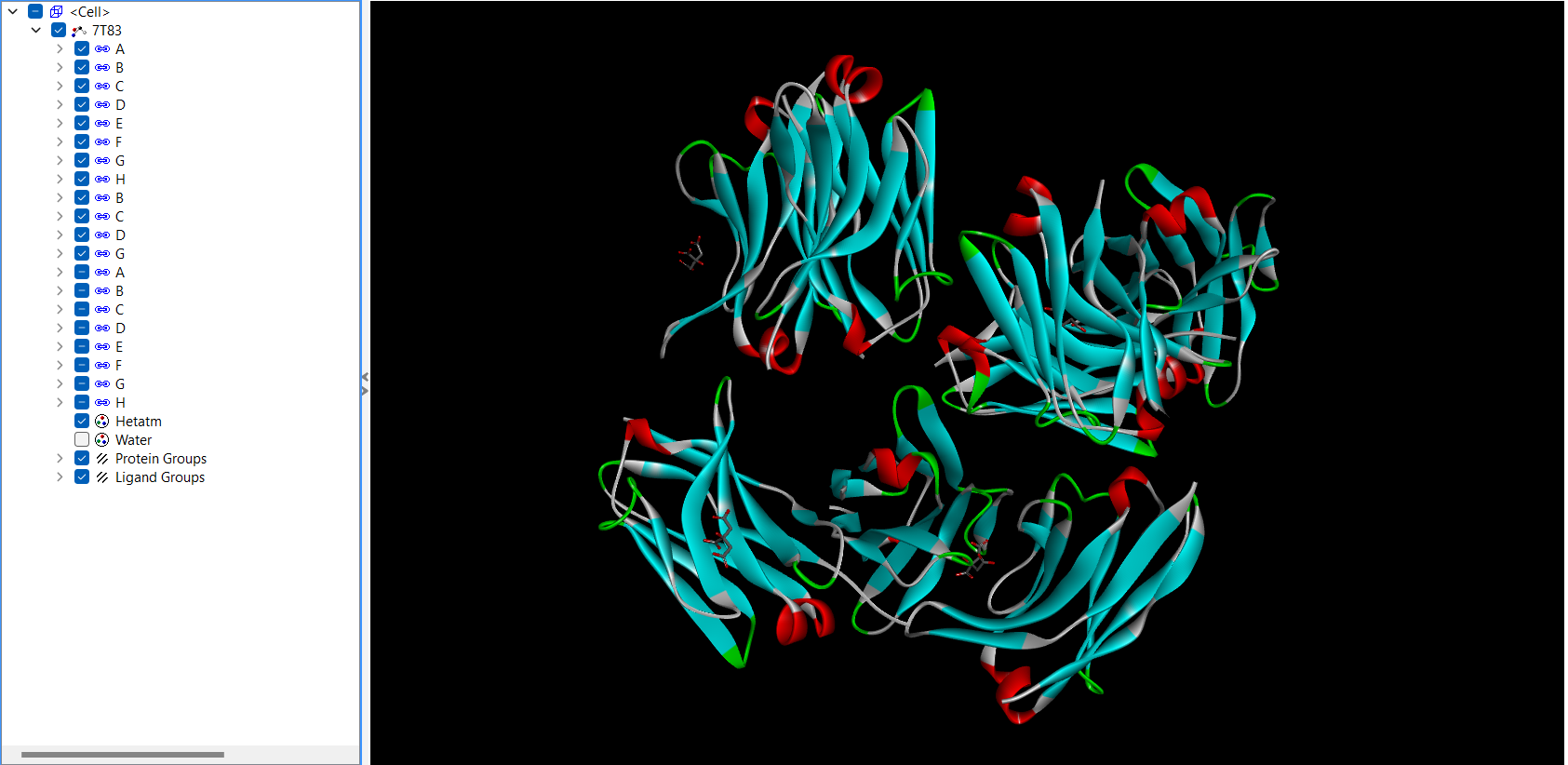
Molecule before the water molecule is removed



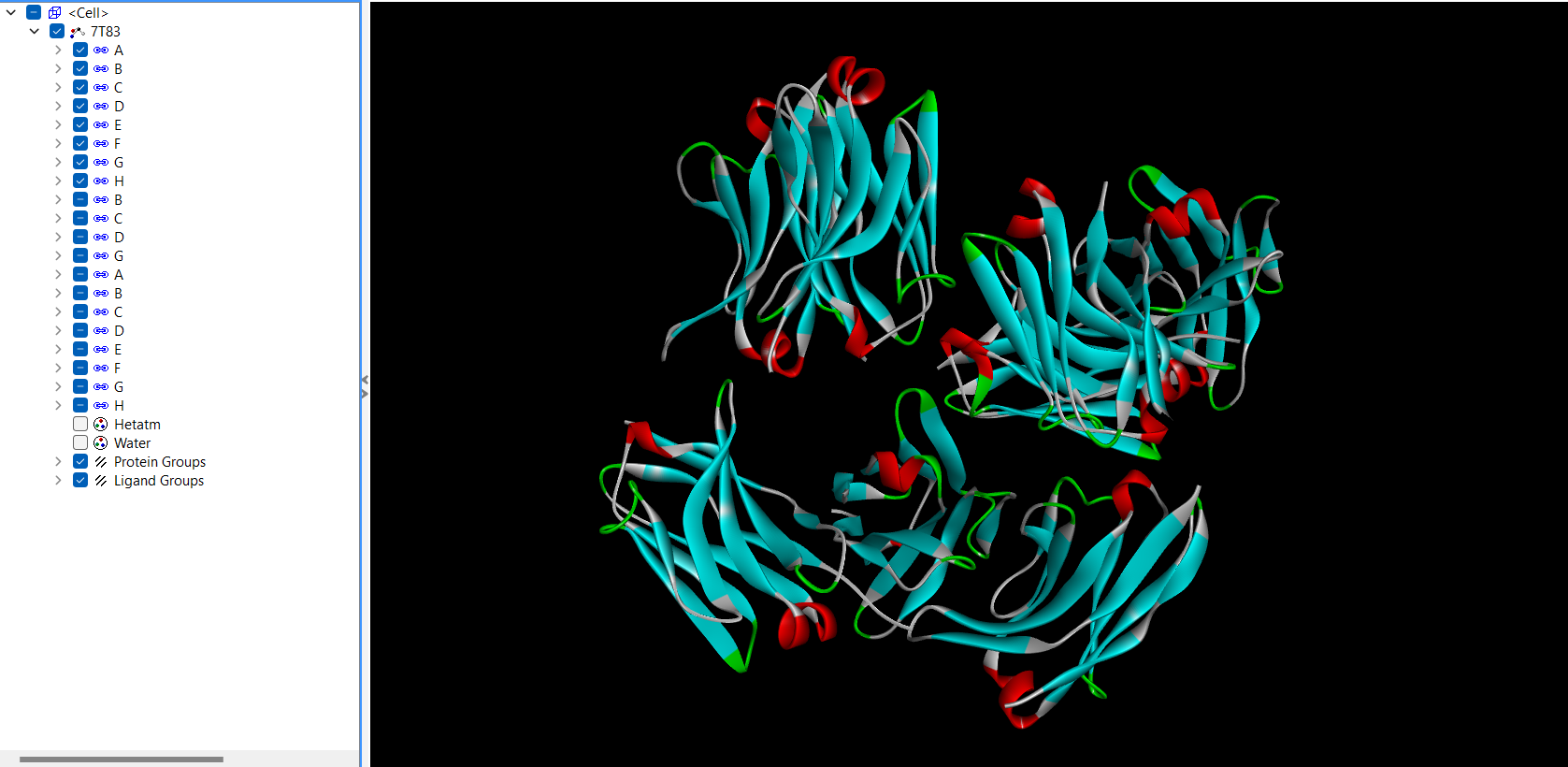
Molecule after the water molecule is removed



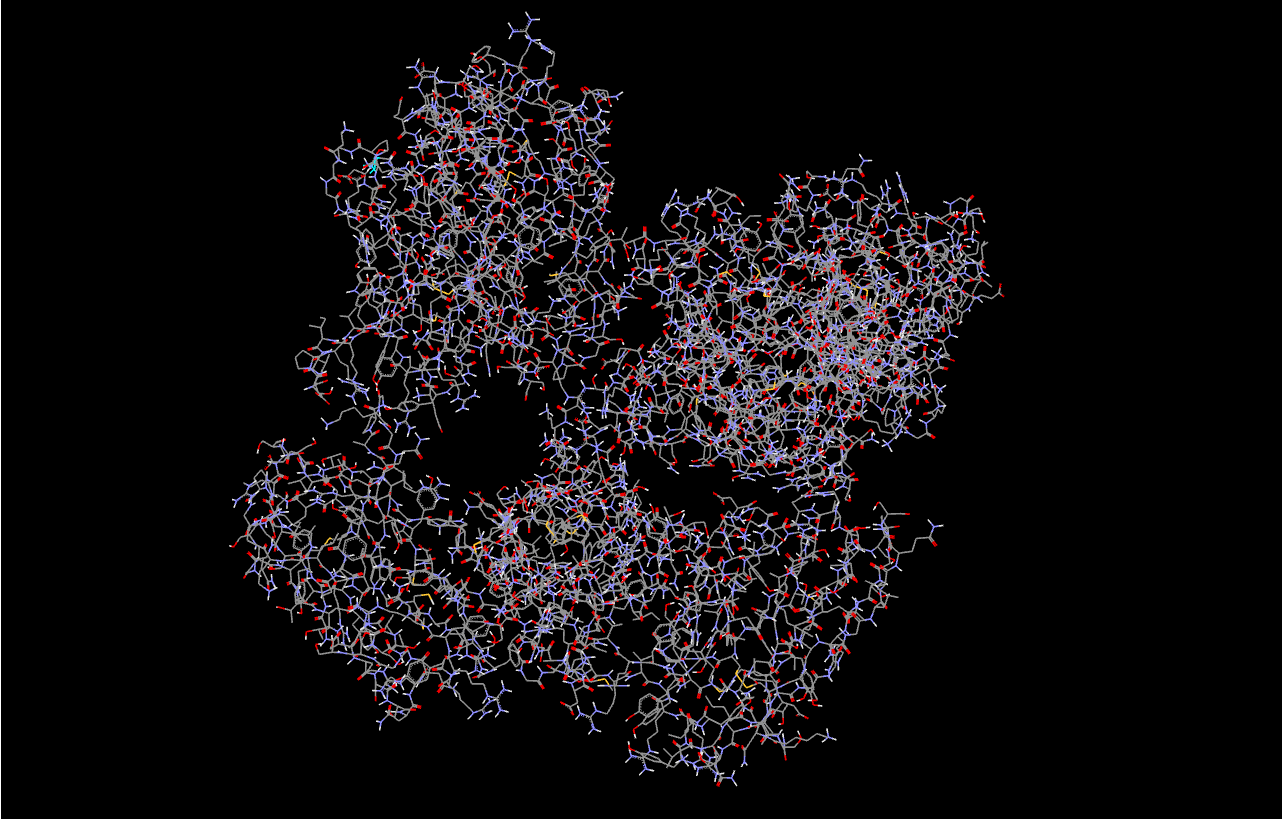
Molecule before the hetatm molecule is removed

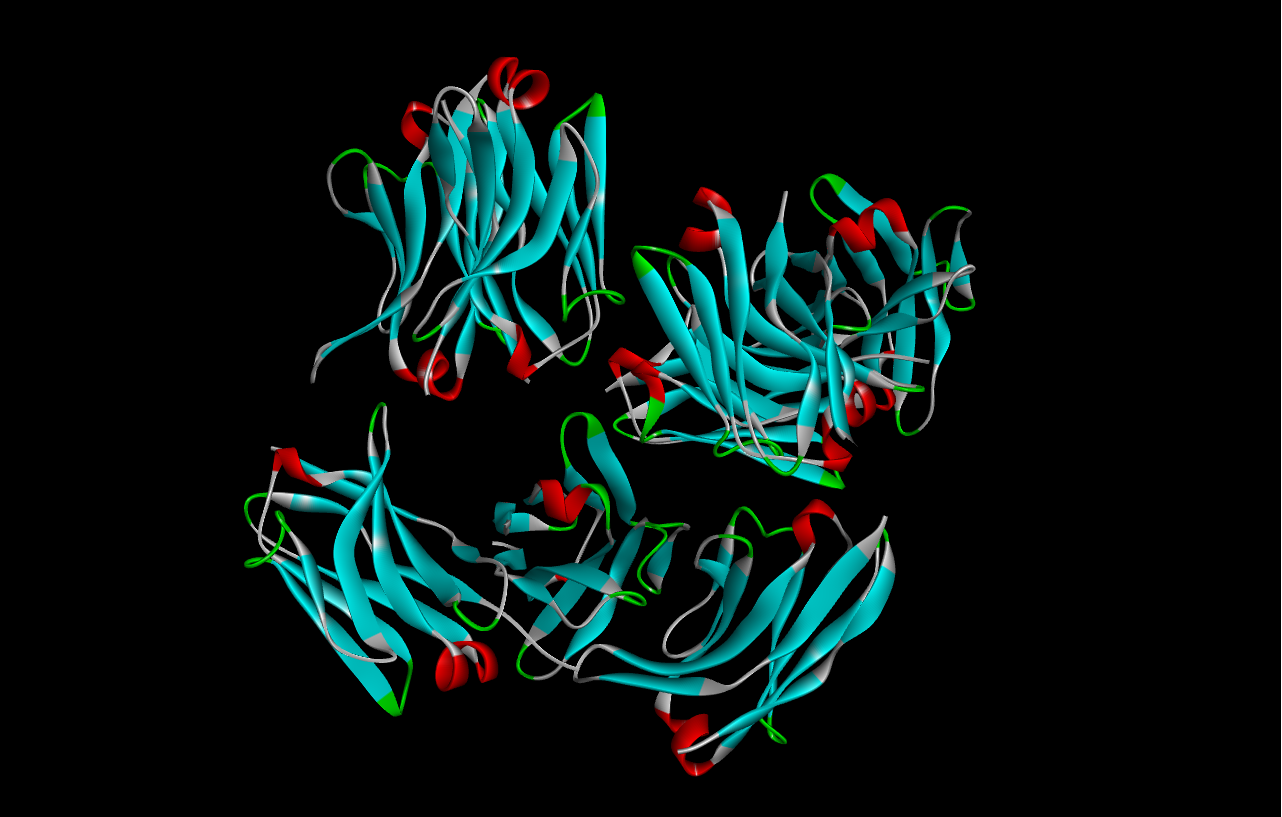


Molecule after the hetatm molecule is removed

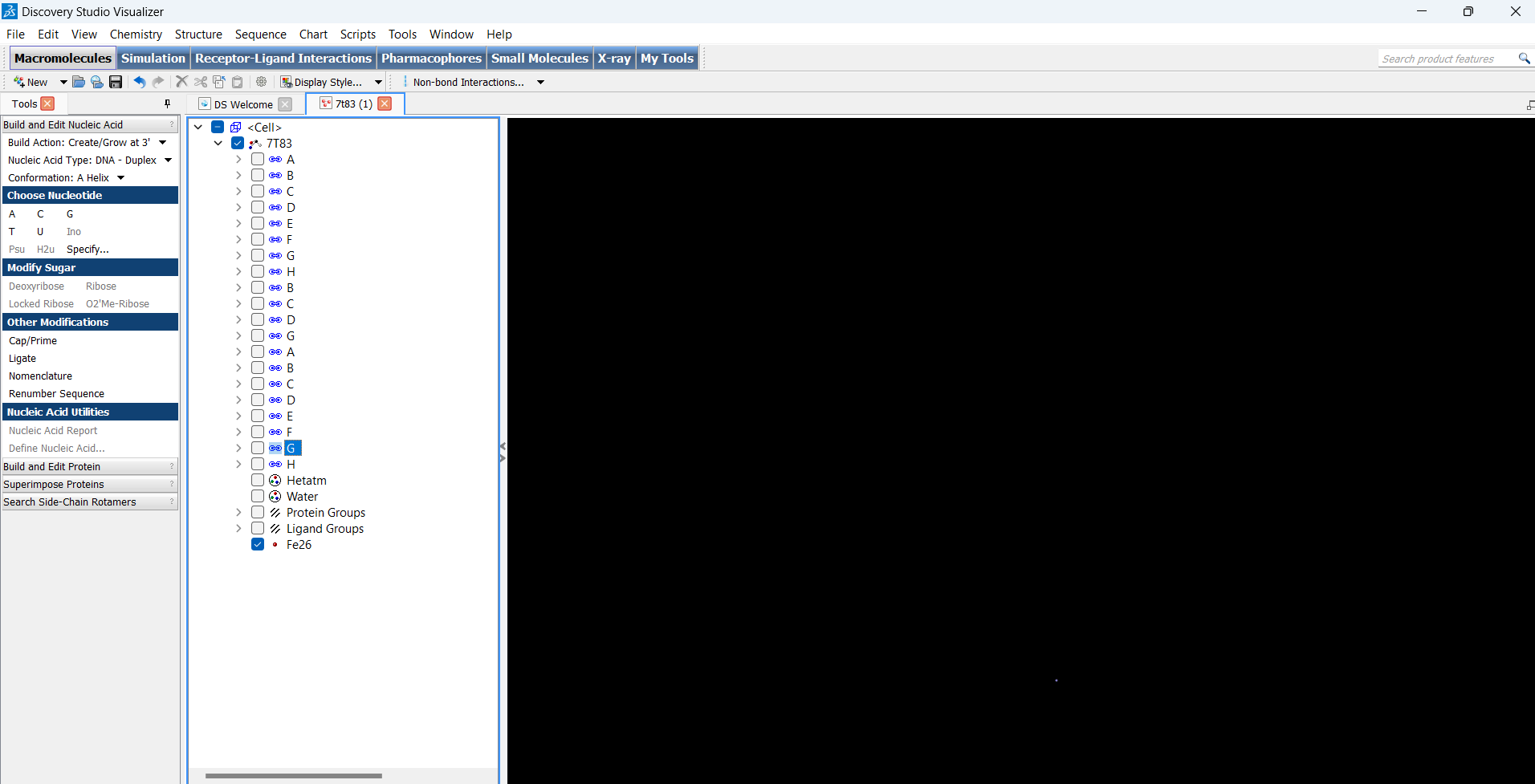


After adding polar water molecules





Remove chain if not required



Final molecule

