Supplementary Information

TABLE S1: The conformations and binding orientations of glucose in the active site of intact GK during molecular dynamics simulations. The conformations were analyzed for every 500 ps for a total period of 10 ns.

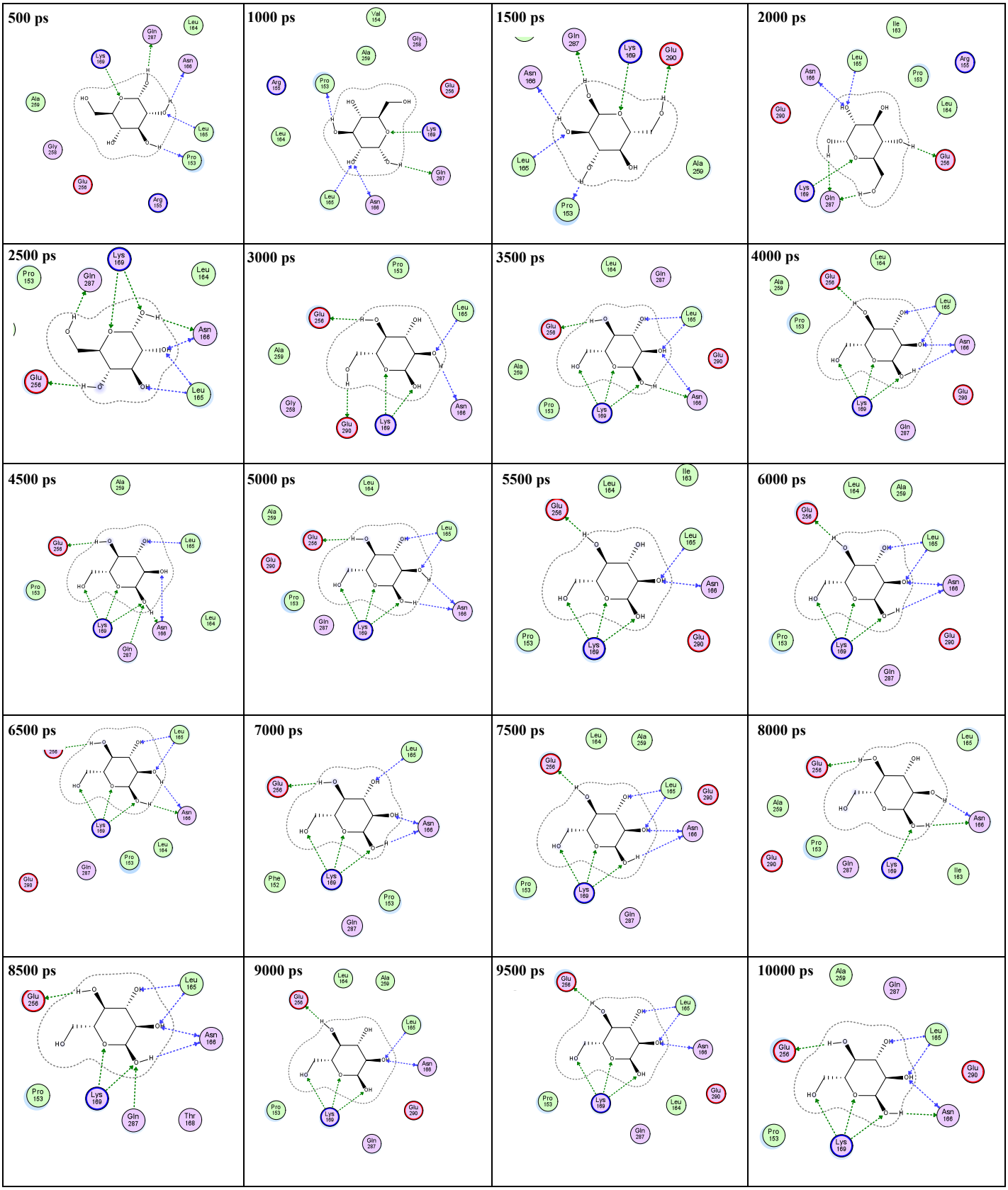

TABLE S2: The conformations and binding orientations of glucose in the active site of mutated GK during molecular dynamics simulations. The conformations were analyzed for every 500 ps for a total period of 10 ns.