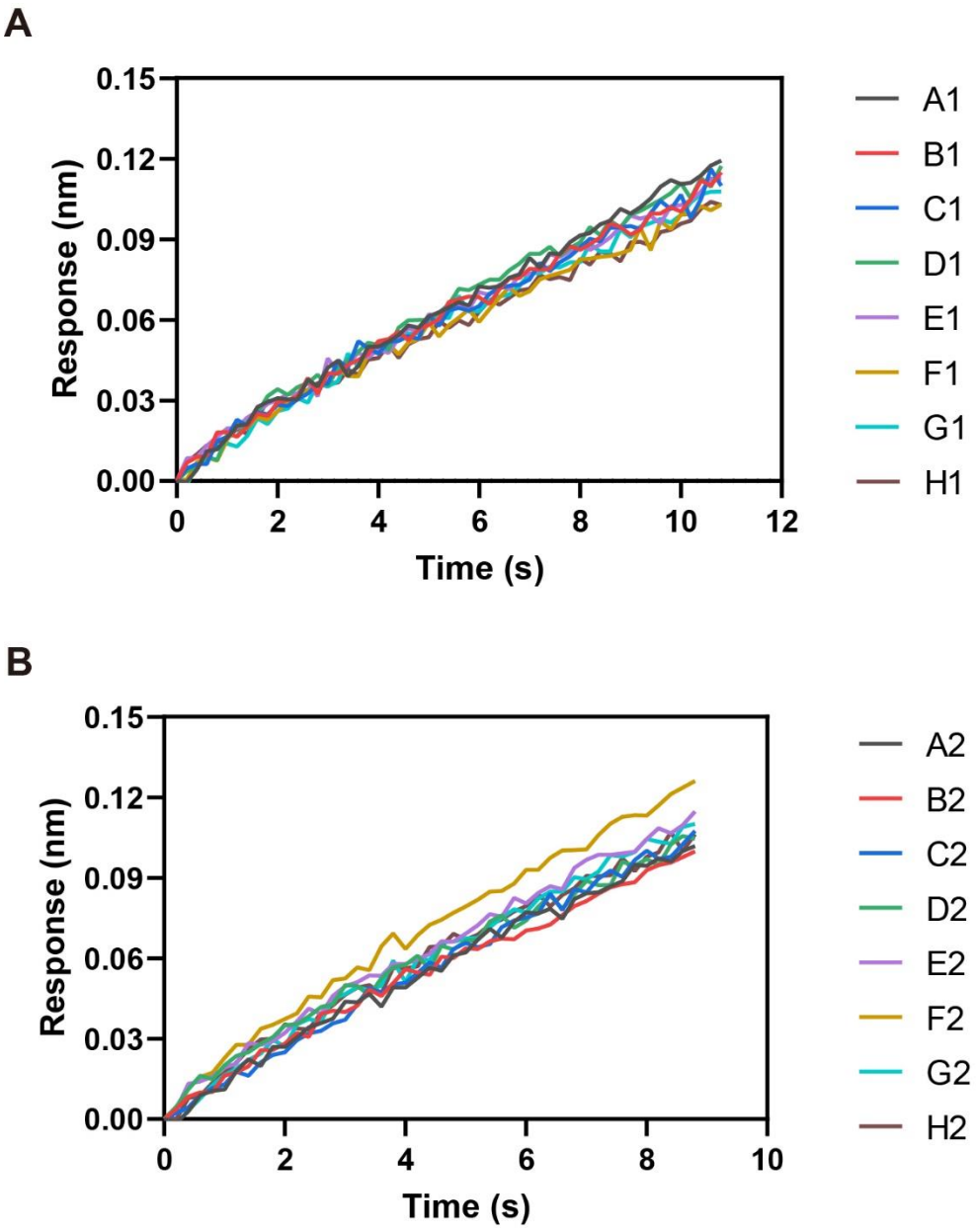
Supplemental_Figure_S1.



Similar amount of RNA was immobilized to the surface of BLI sensors. The amount of RNA immobilized to the surface of BLI sensors can be approximated by the change in response during the immobilization process. Eight sensors were loaded with the same RNA (5´L_T or 5´L_P) to measure their interaction with various amounts of Gag or NCp15 protein. In one experiment, for example, two groups of sensors A1-H1 and A2-H2 were loaded with 5´L_T (A) and 5´L_P (B), respectively. The average change in response during the immobilization process was (0.111±0.006) nm for 5´L_T and (0.108±0.008) nm for 5´L_P, respectively. There was no significant difference between the two as judged by Student's t-test.