

A Macrostates

H (Native Hybridized)



5S2 (5'-2bp Shifted)



3S2 (3'-2bp Shifted)



5S4 (5'-4bp shifted)



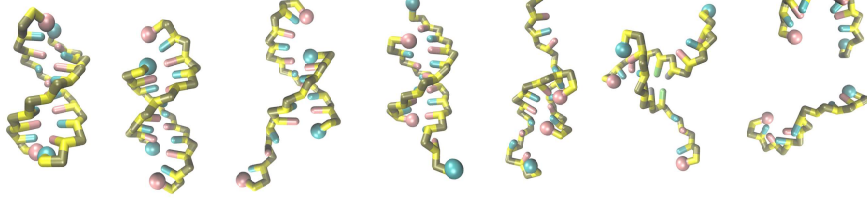
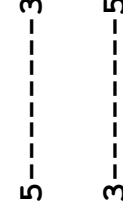
3S4 (3'-4bp Shifted)



F4 (4bp Frayed)

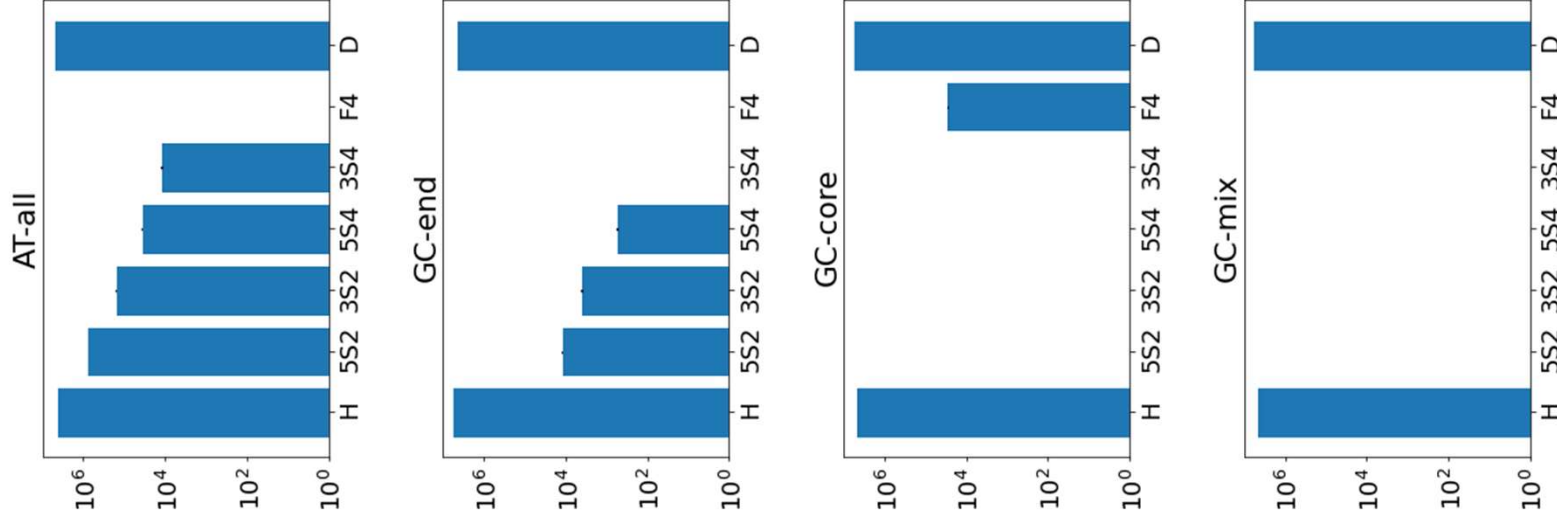
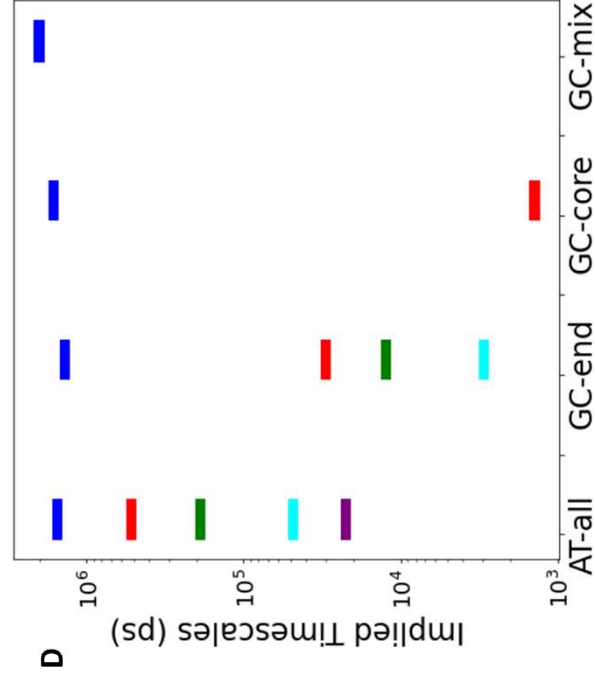
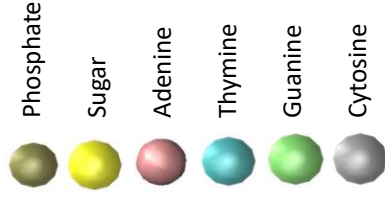


D (Fully Dissociated)



B

State Populations (N frames)



C

