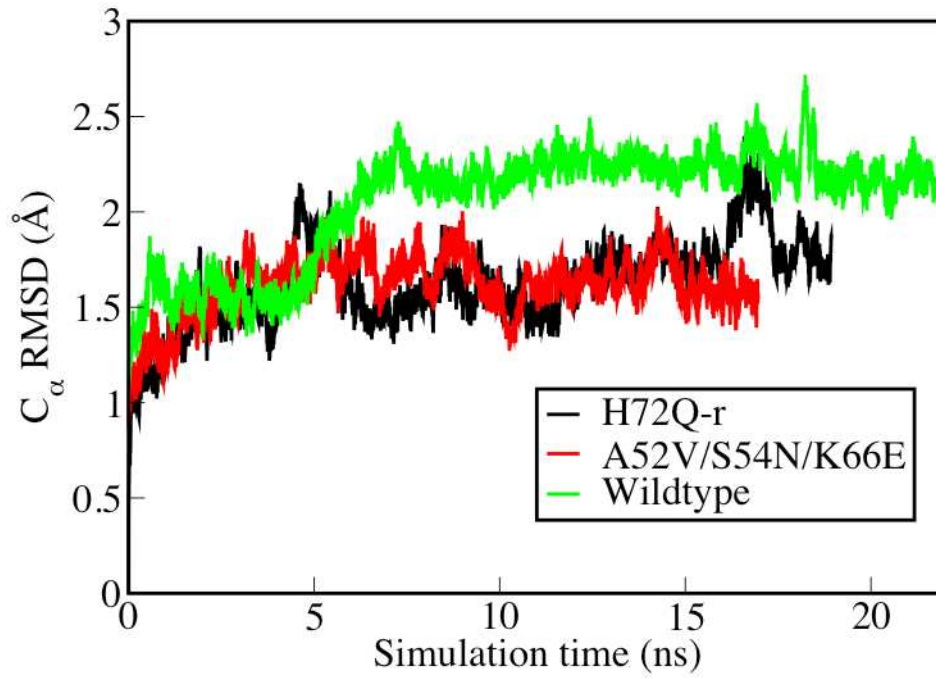


Supplementary material



**Figure S1.**  $C_{\alpha}$  RMSD trajectories for the three MD simulations reported.