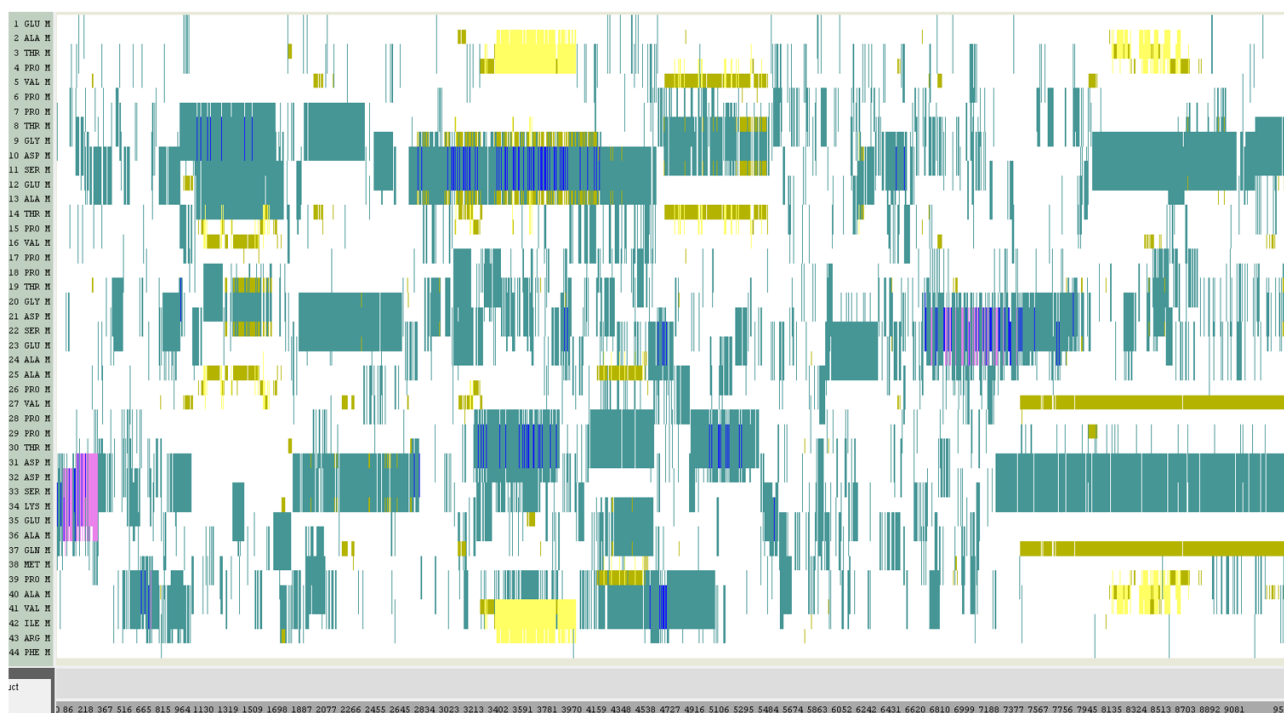


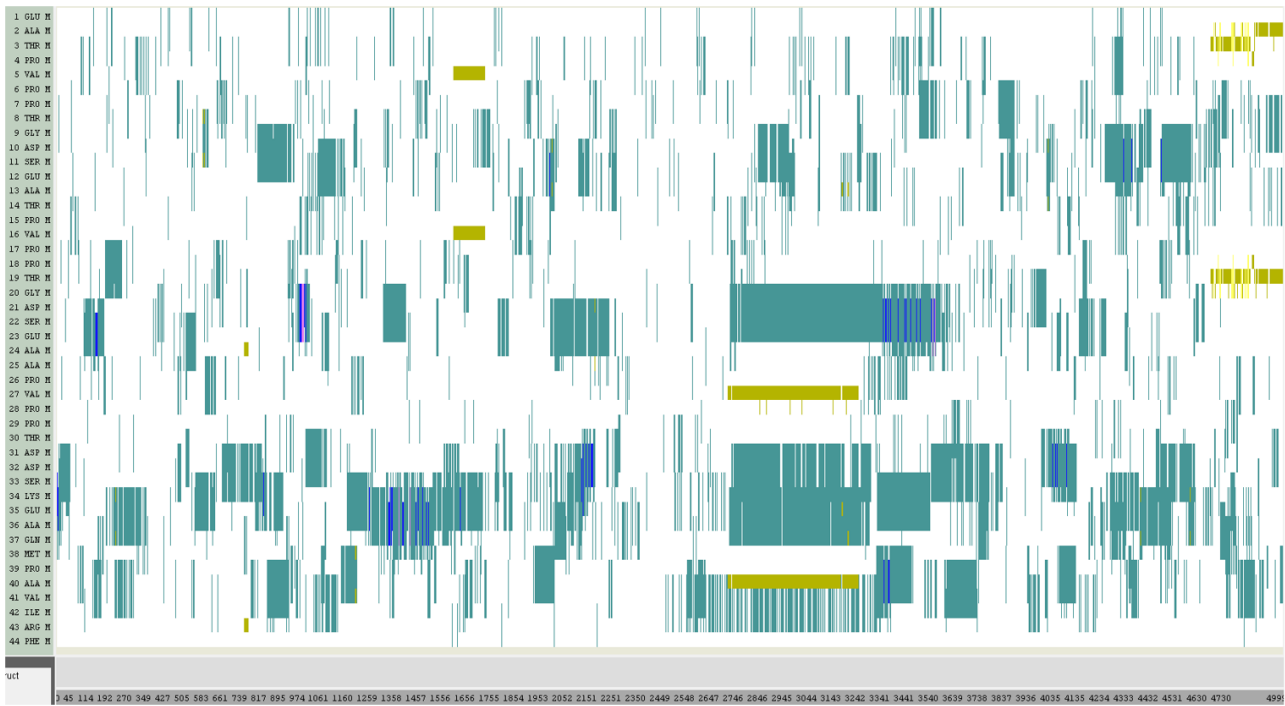
S4 — Supplementary document with full secondary structure assignments for all simulations. Part of master thesis "Investigations of the CEL VNTR by cellular experiments and *in silico* analyses" by Rune H. Navarsete.



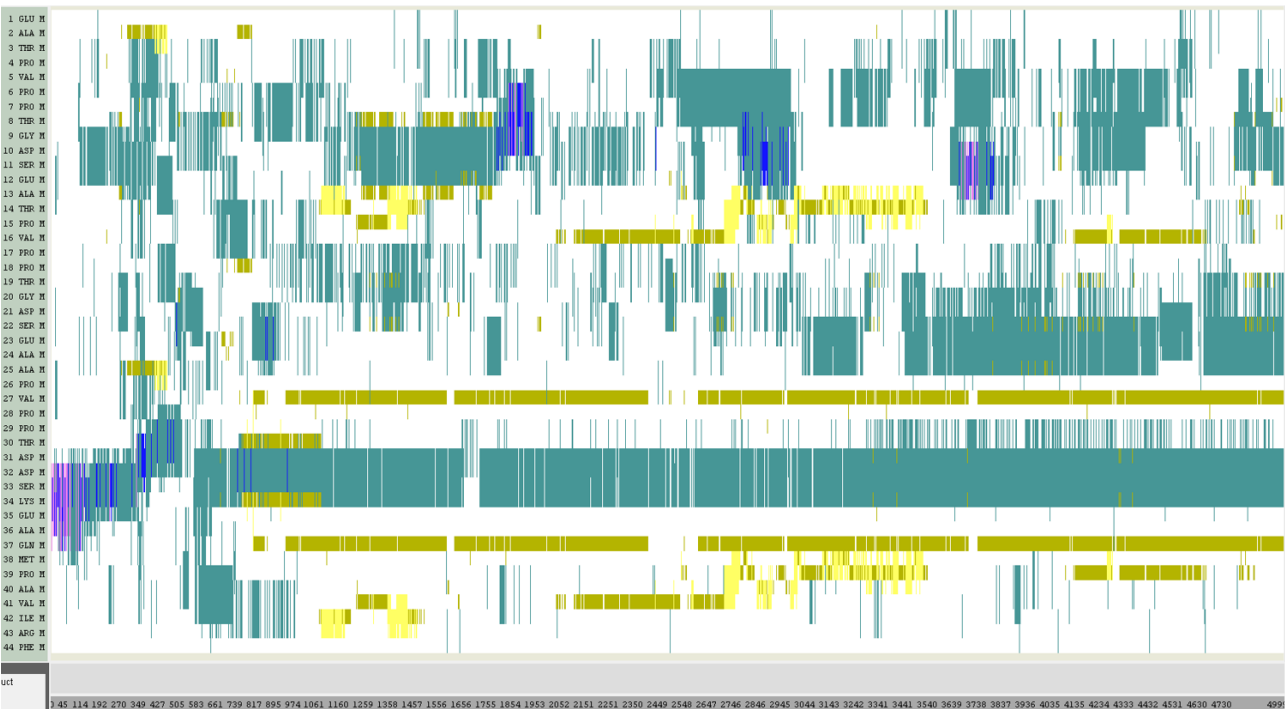
Supplementary Figure S4.1: **Legend showing colour codes for secondary structures in VMD.**



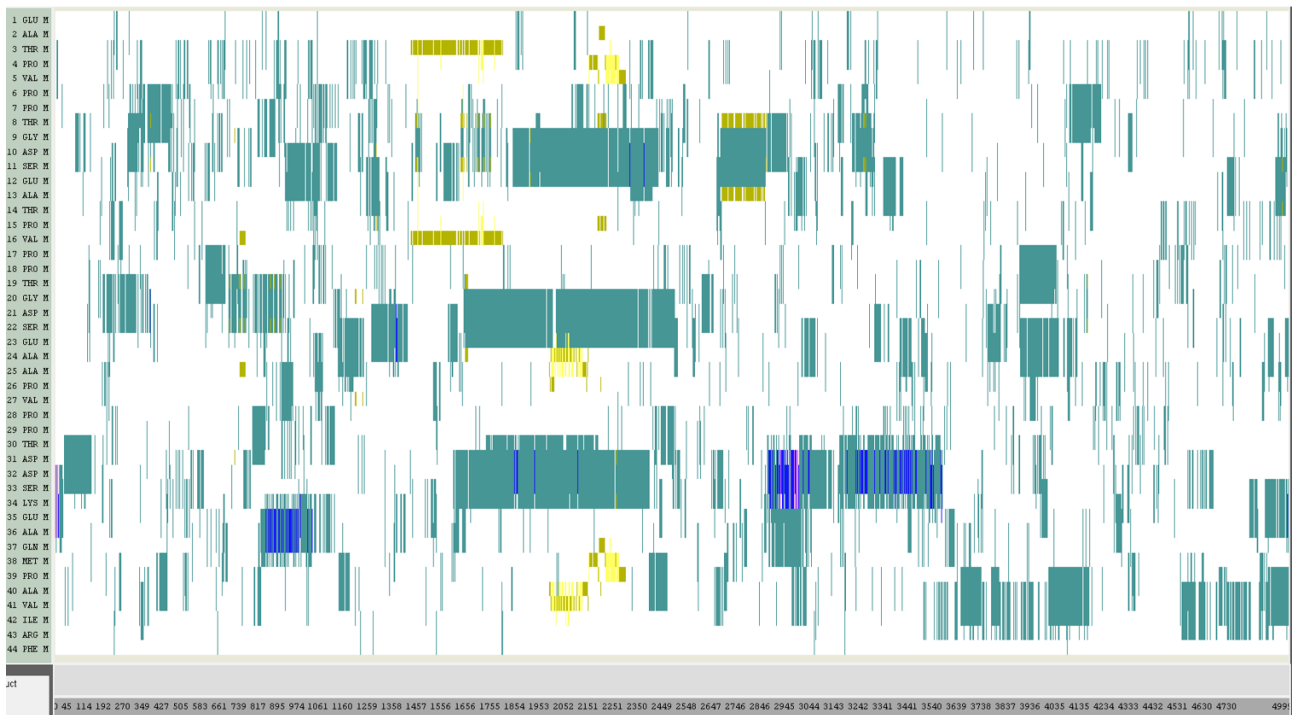
Supplementary Figure S4.2: **Secondary structures of long trajectory of h3R-DAN-U.** X-axis displays trajectory frames and Y-axis displays the residues. Secondary structure was assigned and visualized in VMD v1.9.3.



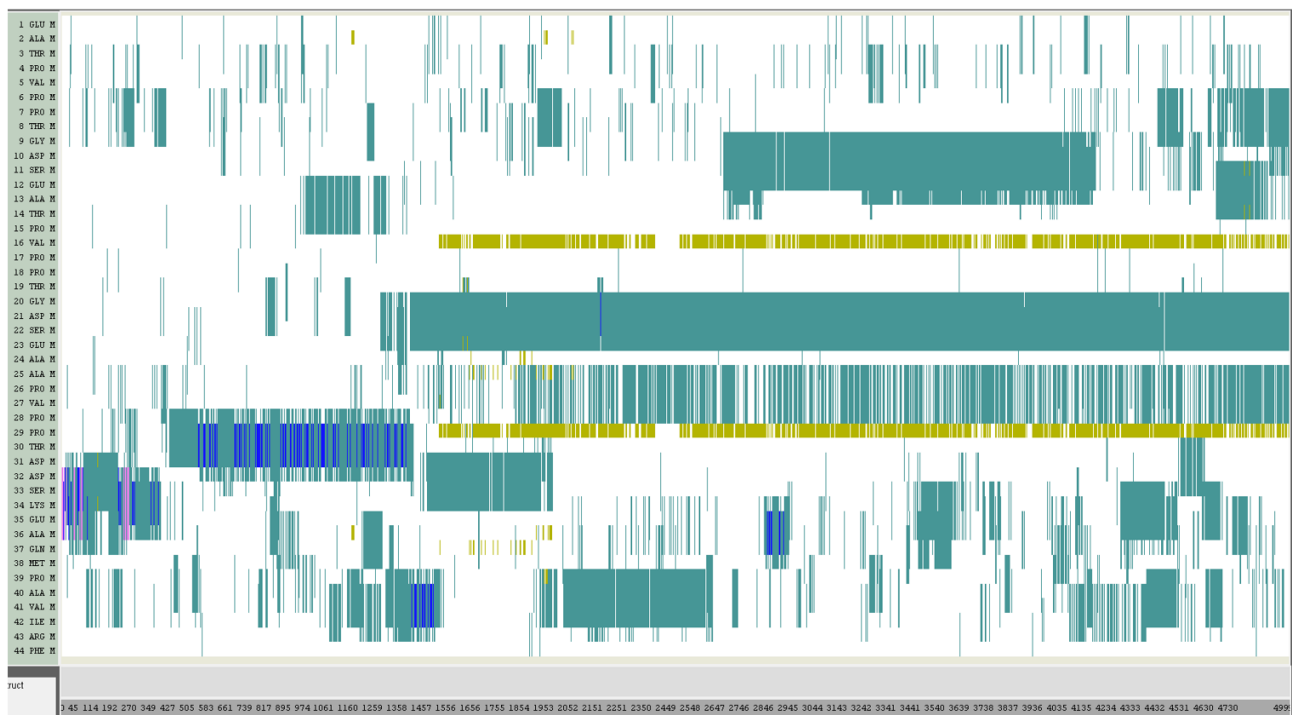
Supplementary Figure S4.3: **Secondary structures of replica 1 trajectory of h3R-DAN-U.** X-axis displays trajectory frames and Y-axis displays the residues. Secondary structure was assigned and visualized in VMD v1.9.3.



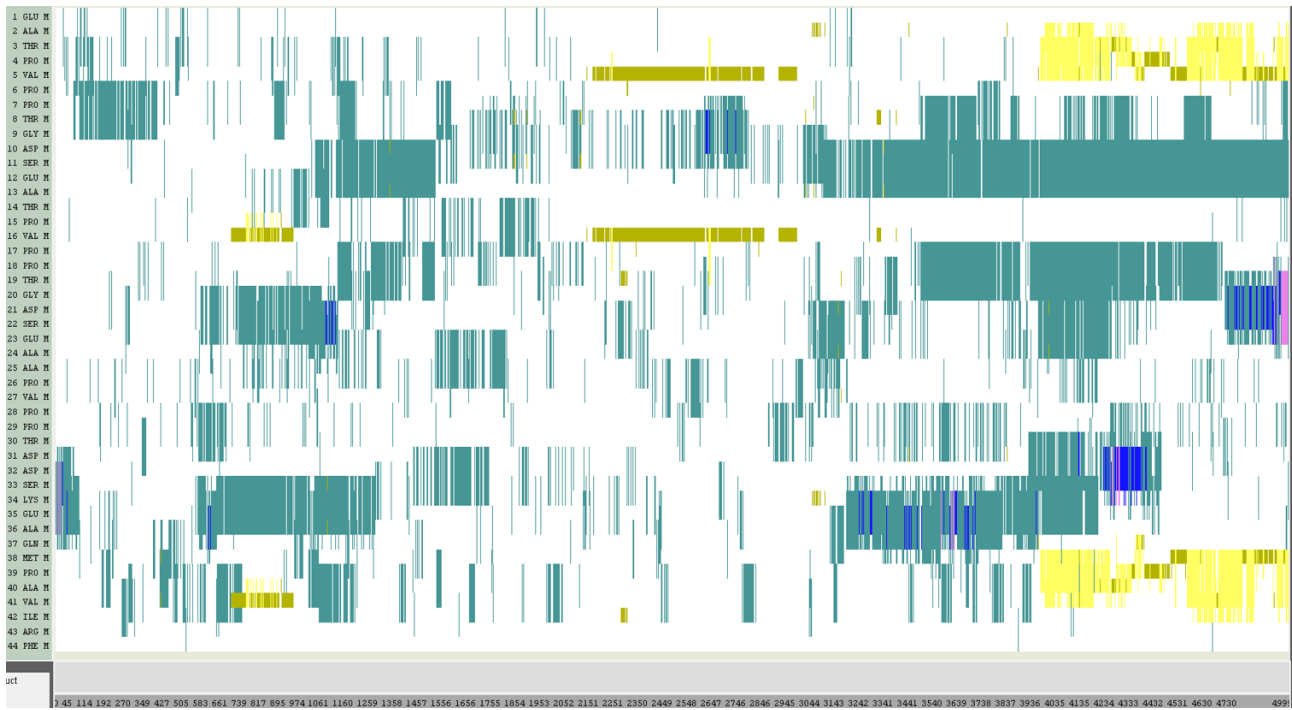
Supplementary Figure S4.4: **Secondary structures of replica 2 trajectory of h3R-DAN-U.** X-axis displays trajectory frames and Y-axis displays the residues. Secondary structure was assigned and visualized in VMD v1.9.3.



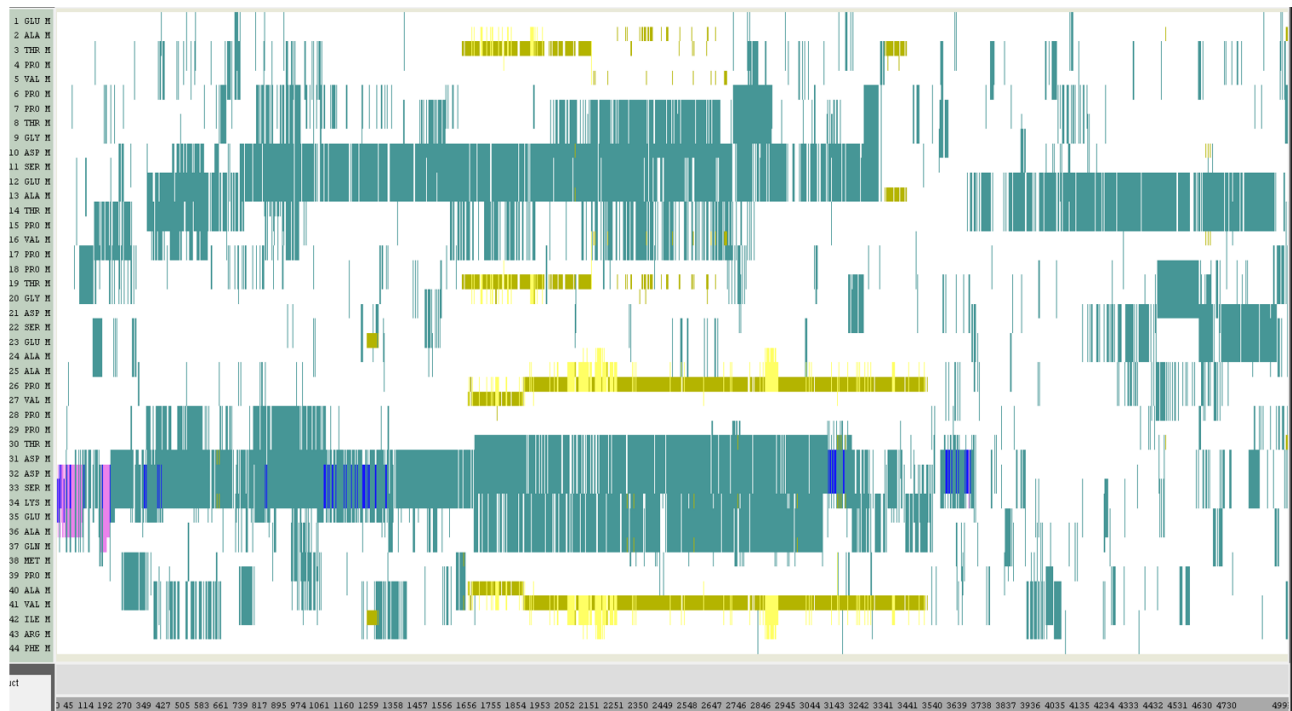
Supplementary Figure S4.5: **Secondary structures of replica 3 trajectory of h3R-DAN-U.** X-axis displays trajectory frames and Y-axis displays the residues. Secondary structure was assigned and visualized in VMD v1.9.3.



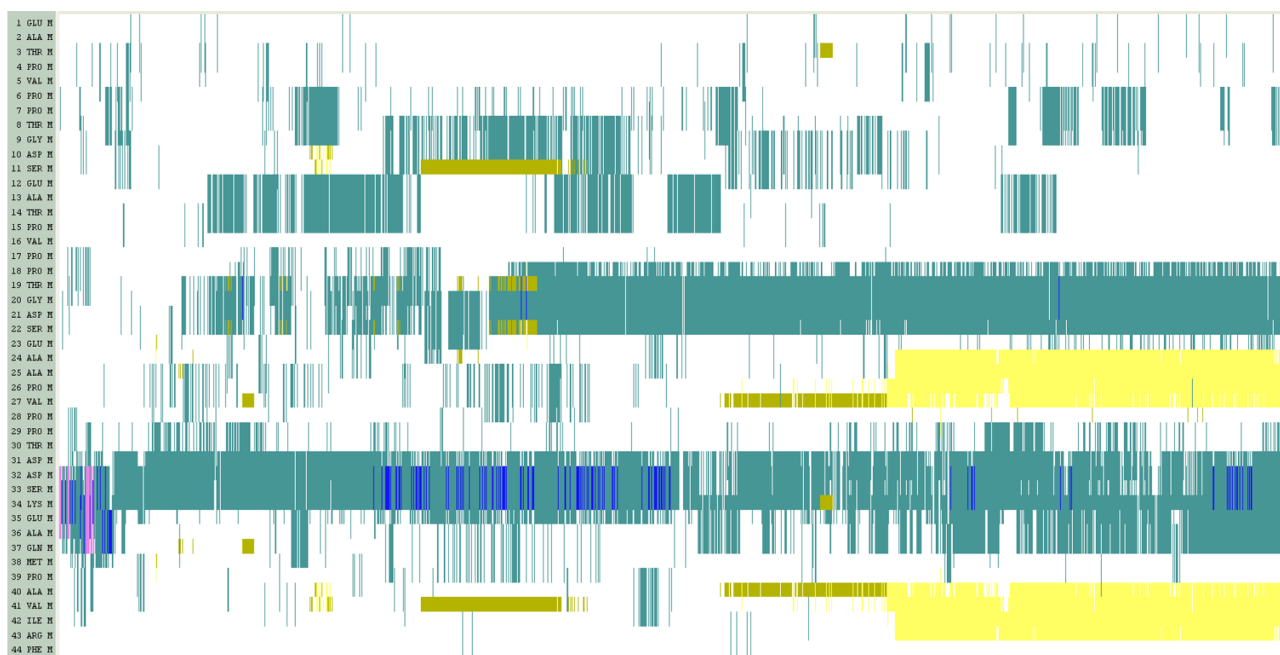
Supplementary Figure S4.6: **Secondary structures of long trajectory of h3R-DAN-G.** X-axis displays trajectory frames and Y-axis displays the residues. Secondary structure was assigned and visualized in VMD v1.9.3.



Supplementary Figure S4.7: **Secondary structures of replica 1 trajectory of h3R-DAN-G.** X-axis displays trajectory frames and Y-axis displays the residues. Secondary structure was assigned and visualized in VMD v1.9.3.



Supplementary Figure S4.8: **Secondary structures of replica 2 trajectory of h3R-DAN-G.** X-axis displays trajectory frames and Y-axis displays the residues. Secondary structure was assigned and visualized in VMD v1.9.3.



Supplementary Figure S4.9: **Secondary structures of replica 3 trajectory of h3R-DAN-G.** X-axis displays trajectory frames and Y-axis displays the residues. Secondary structure was assigned and visualized in VMD v1.9.3.