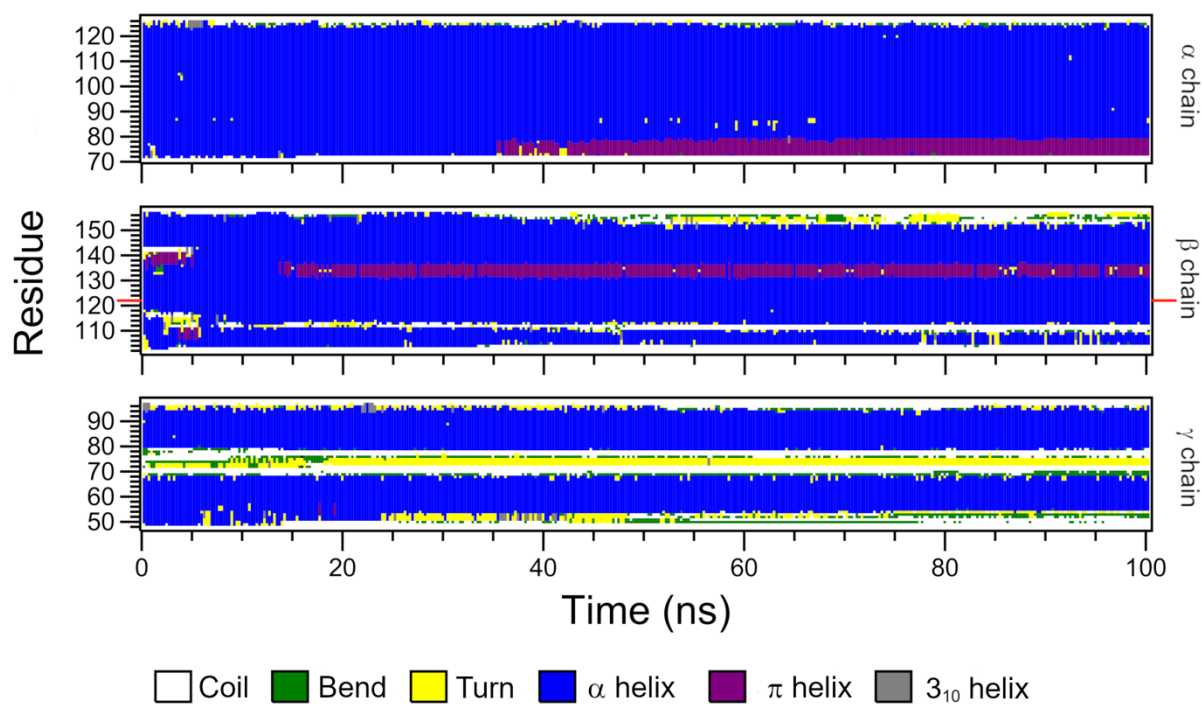
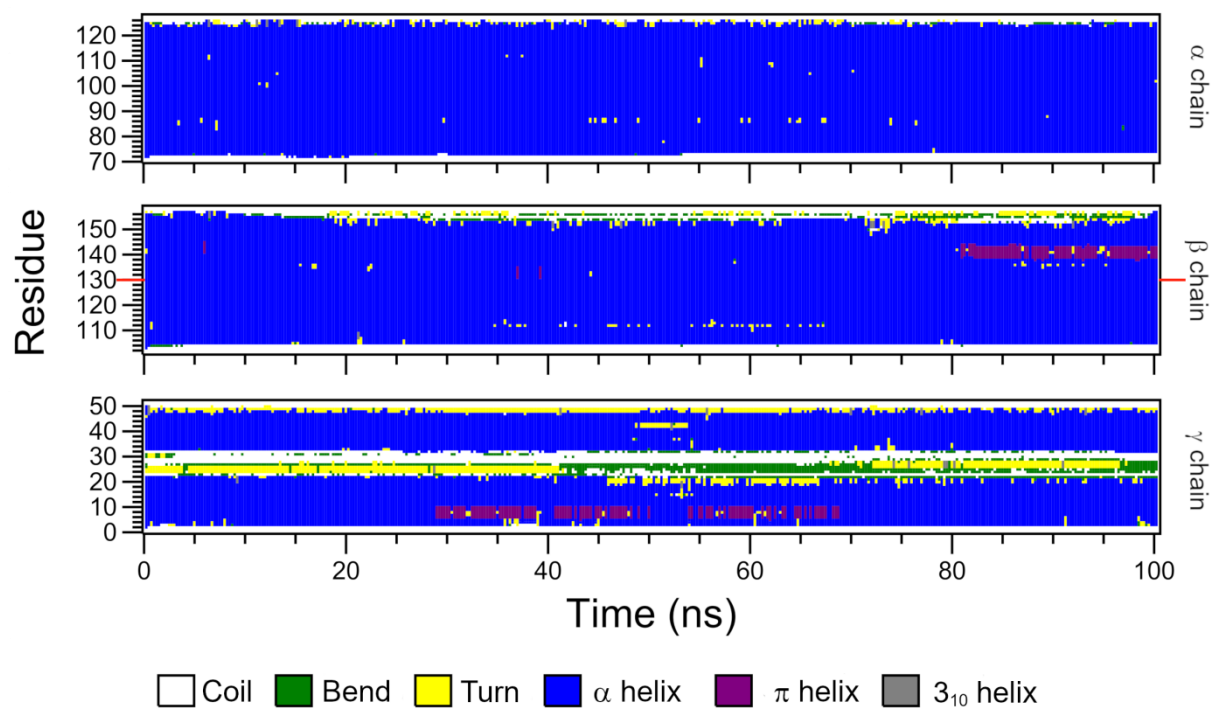


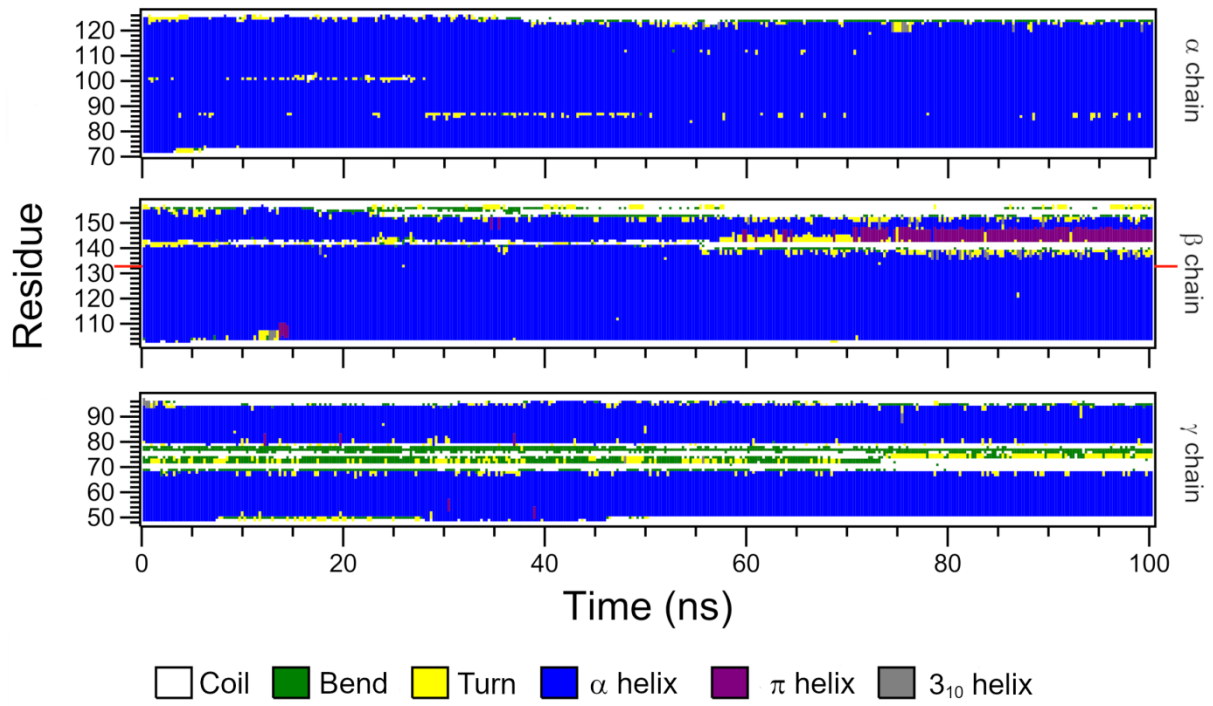
B β (Ox)K122



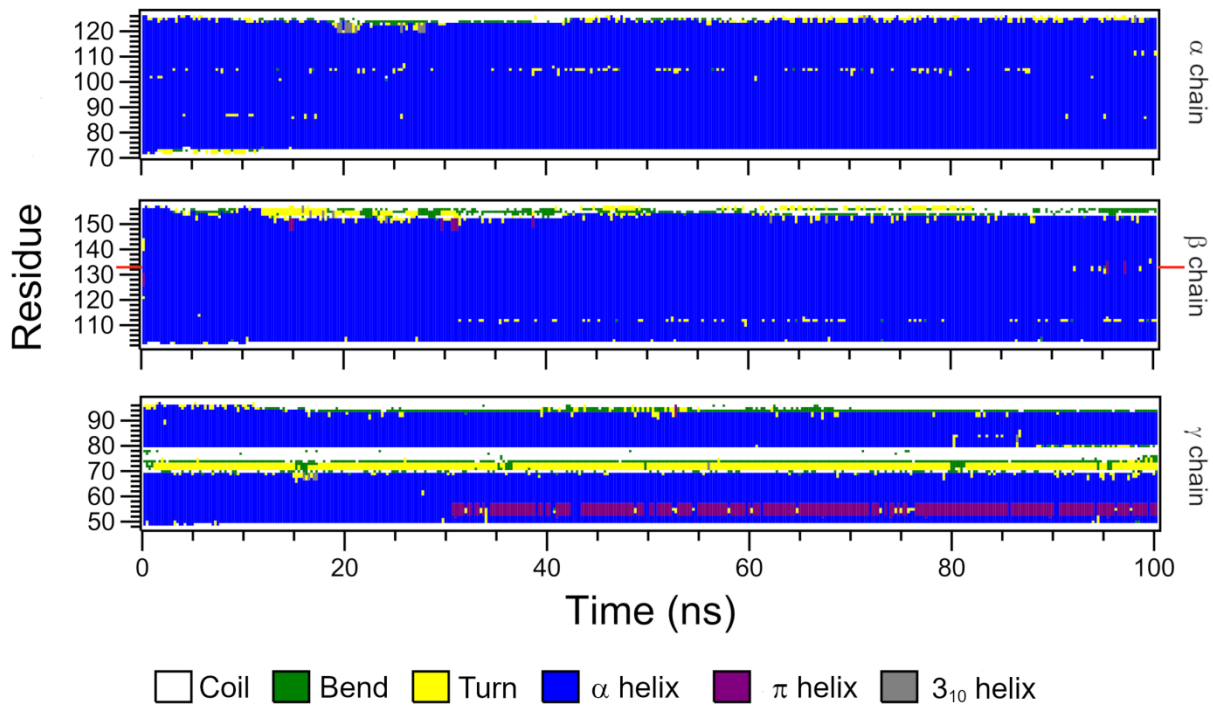
B β (Ac)K130



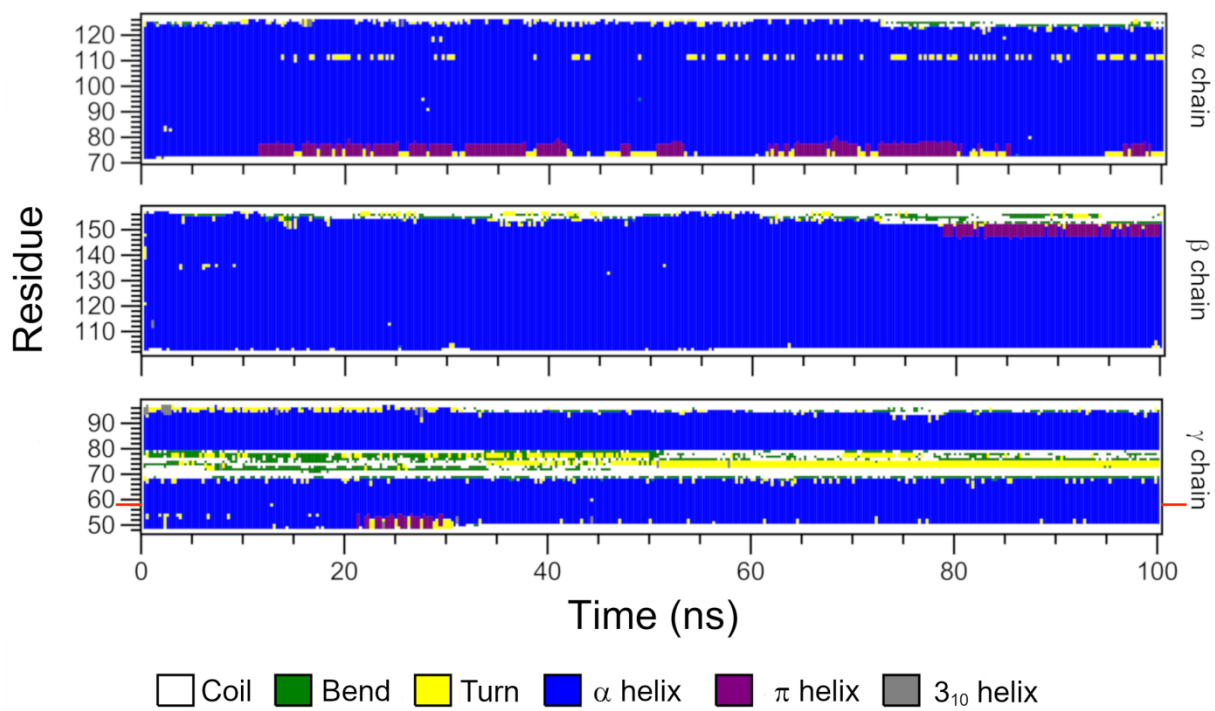
B β (Ac)K133



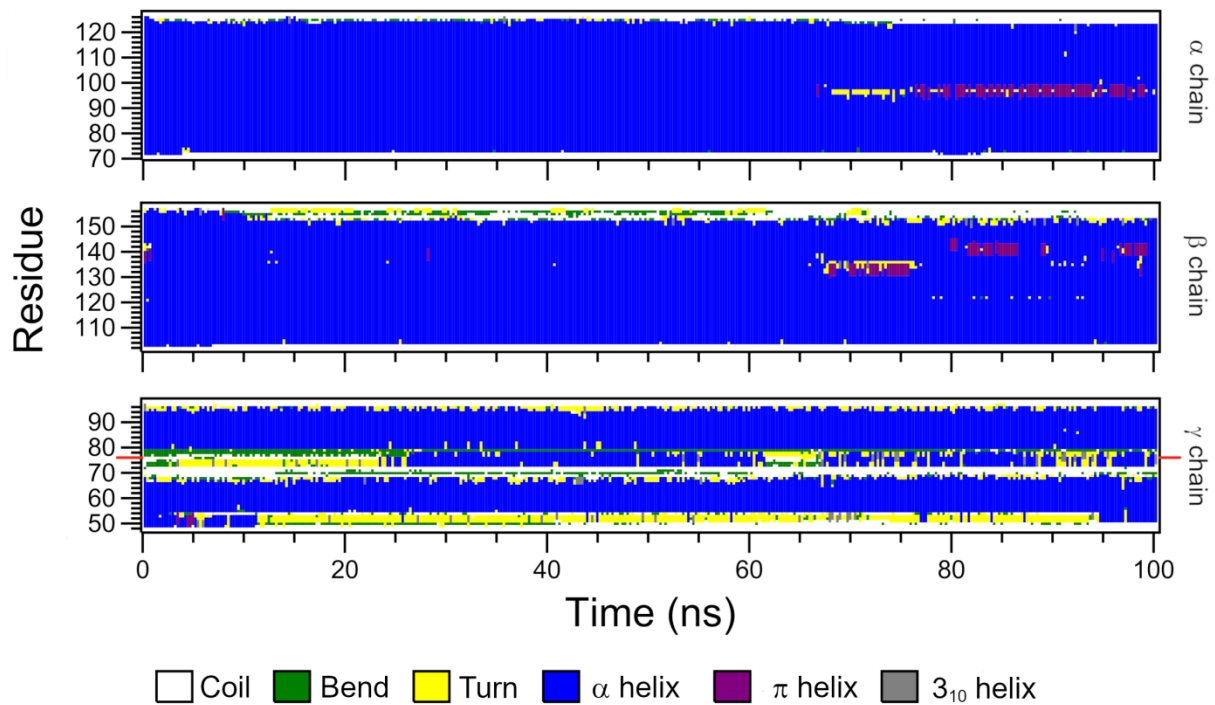
B β (Ox)K133



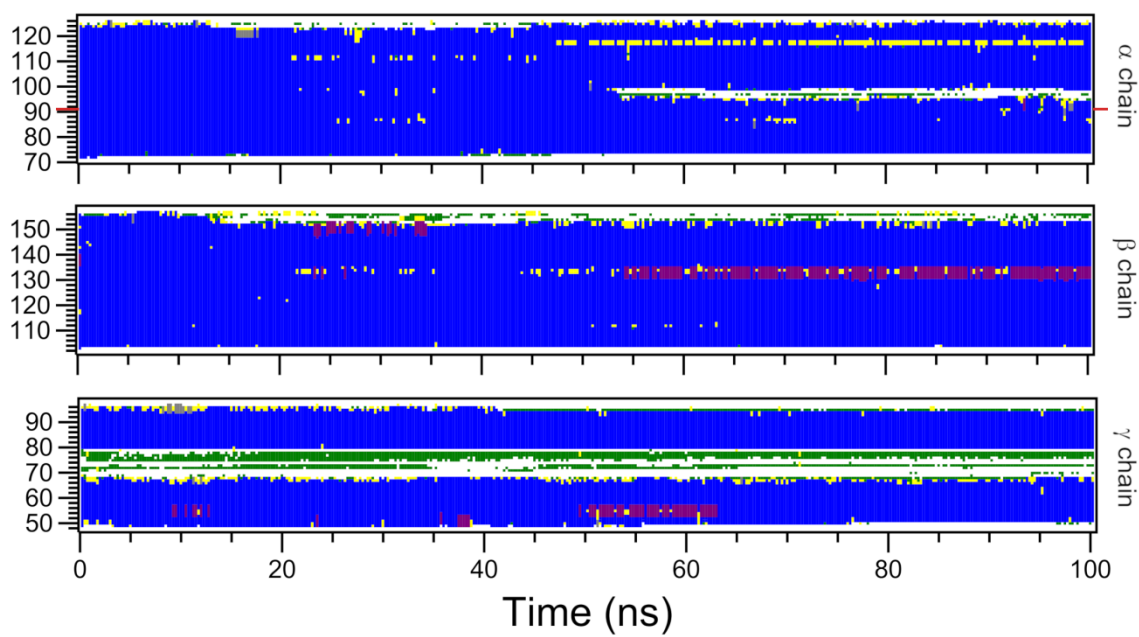
$\gamma(\text{Ox})\text{K58}$



$\gamma(\text{Ox})\text{P76E}$

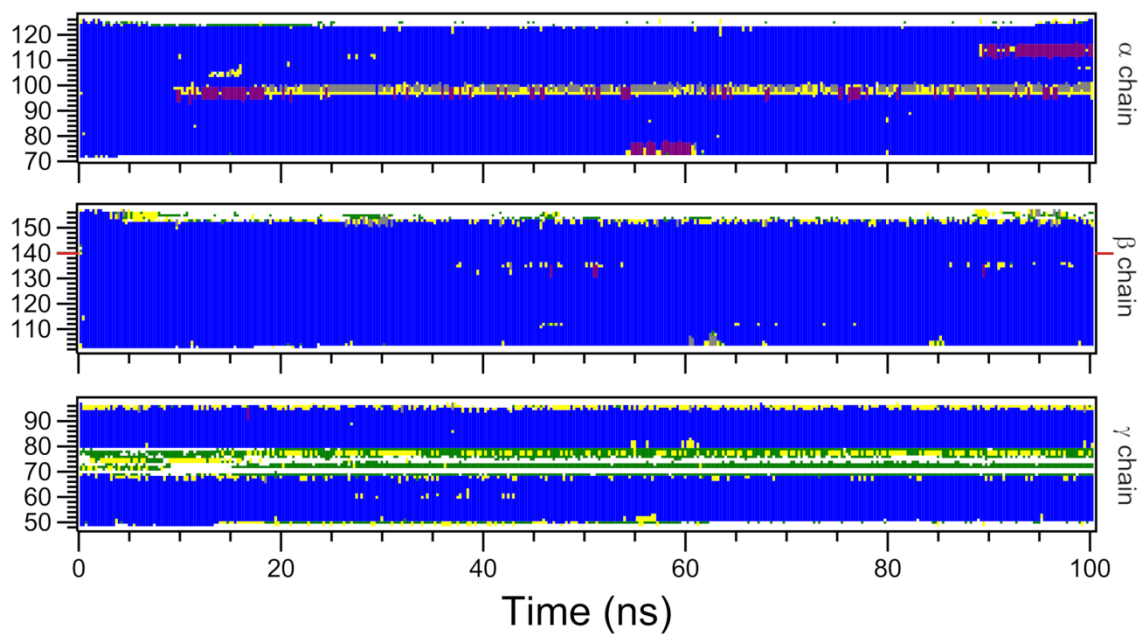


A α (Ox)M91



□ Coil ■ Bend ■ Turn ■ α helix ■ π helix ■ 3_{10} helix

B β (Ox)N140



□ Coil ■ Bend ■ Turn ■ α helix ■ π helix ■ 3_{10} helix

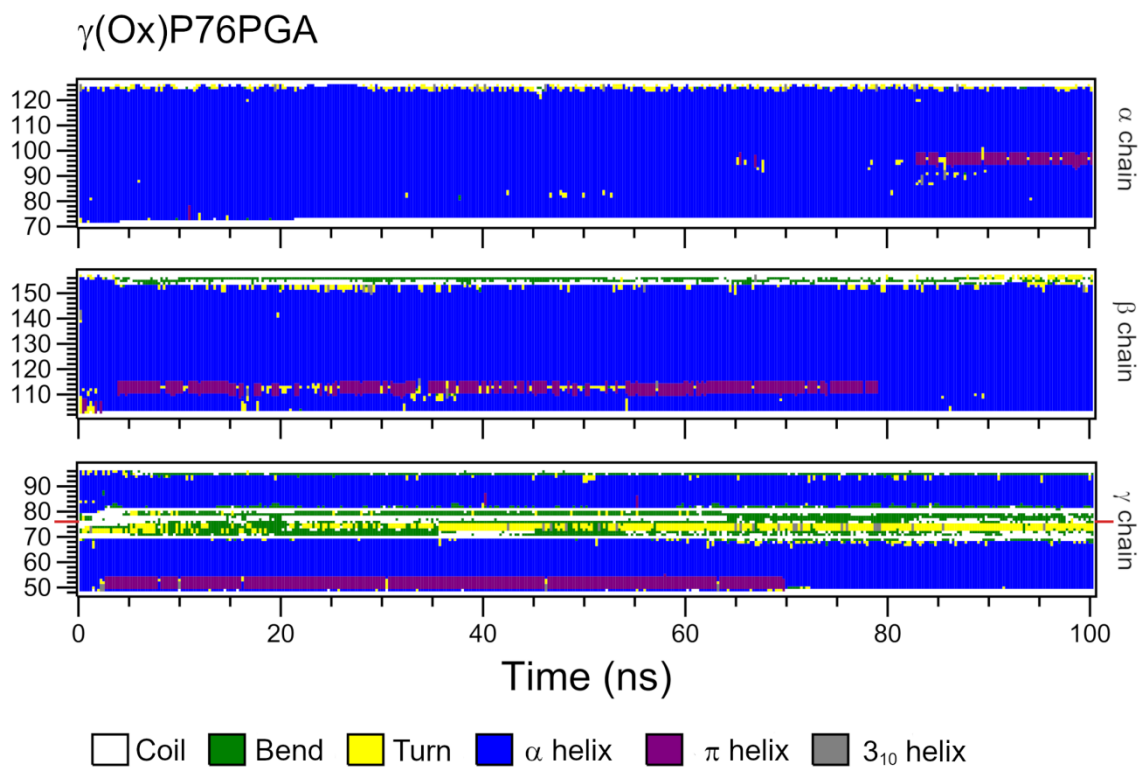


Fig S6. (all above) Development of secondary structure (DSSP) in time for coiled-coil connector systems. Positions of modified amino acids are highlighted by red bars at sides of plot.