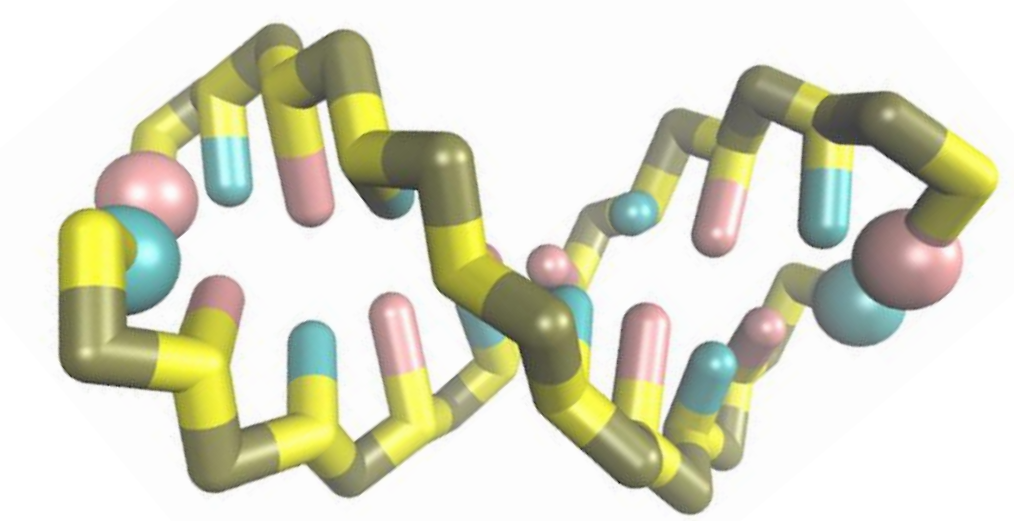
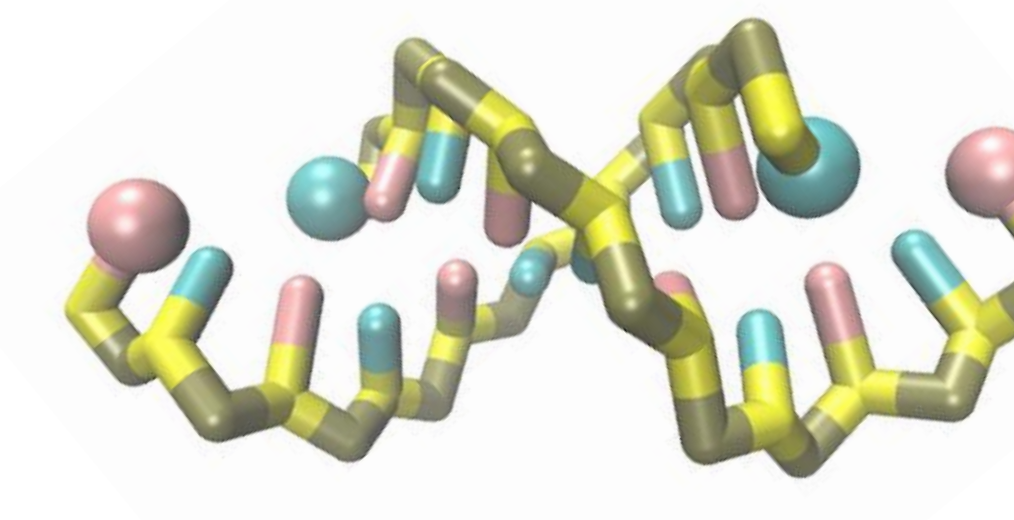
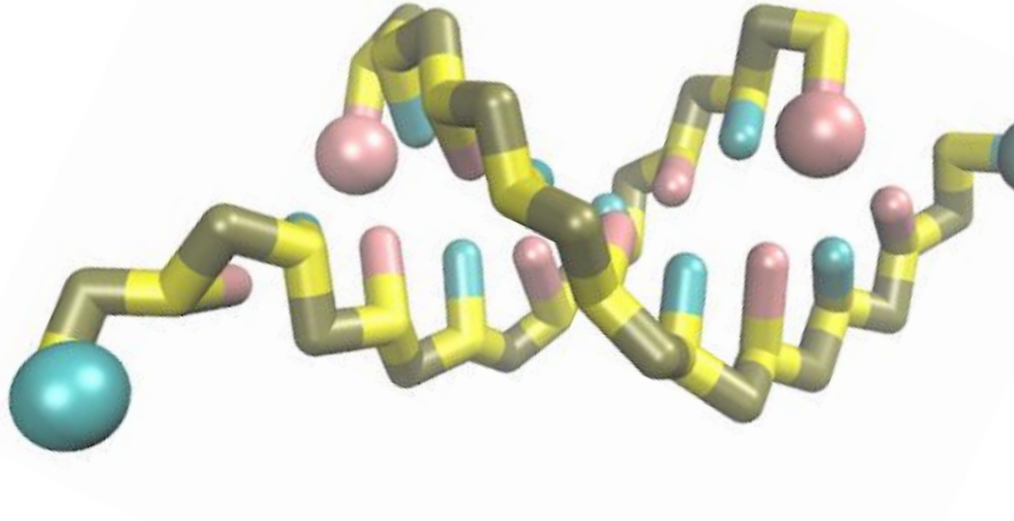
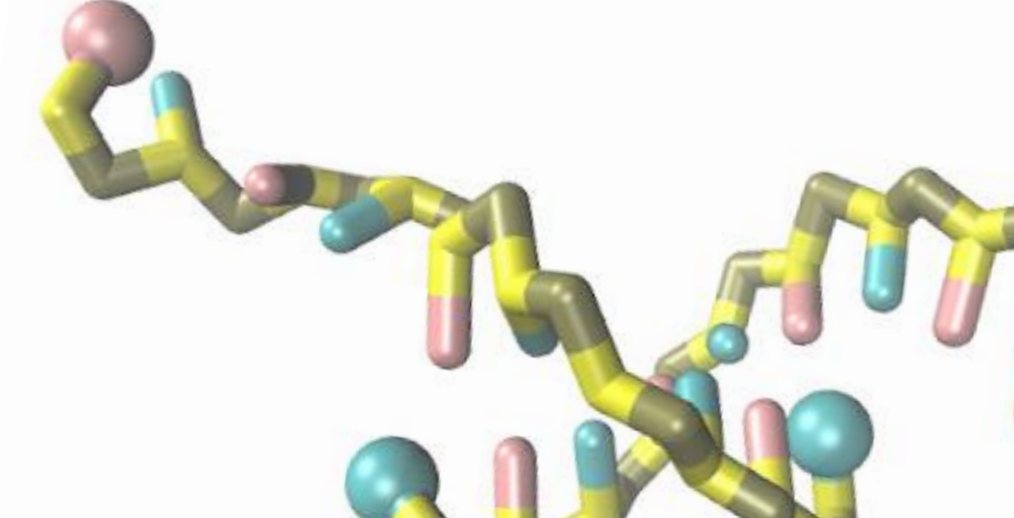
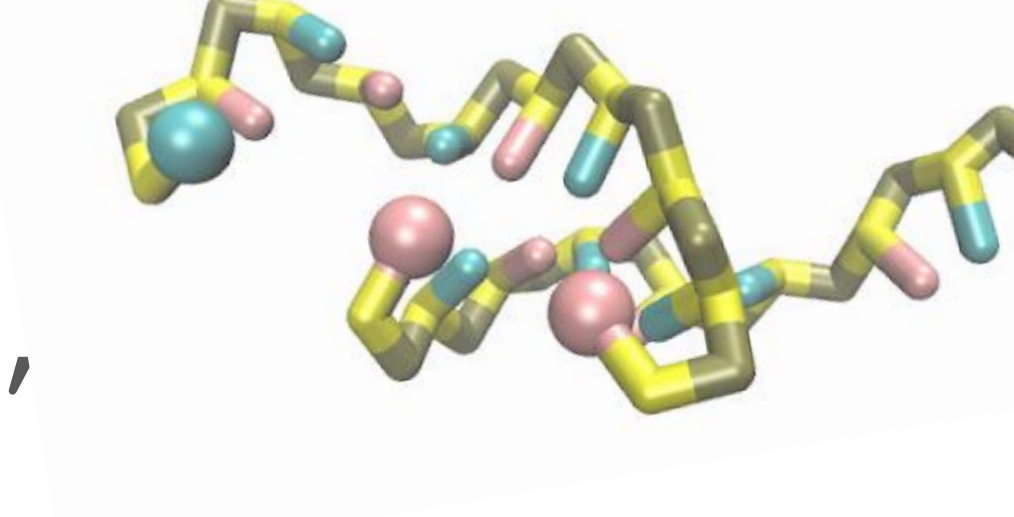
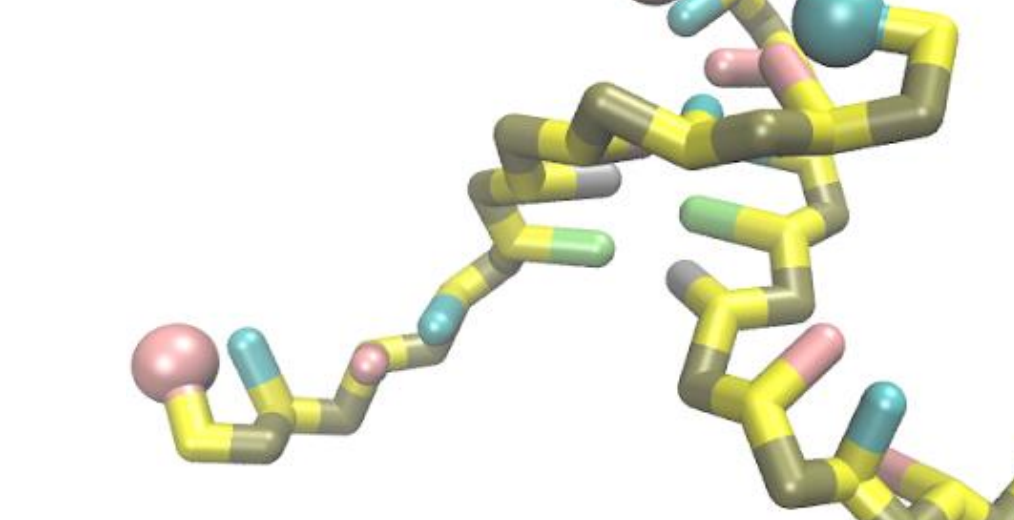
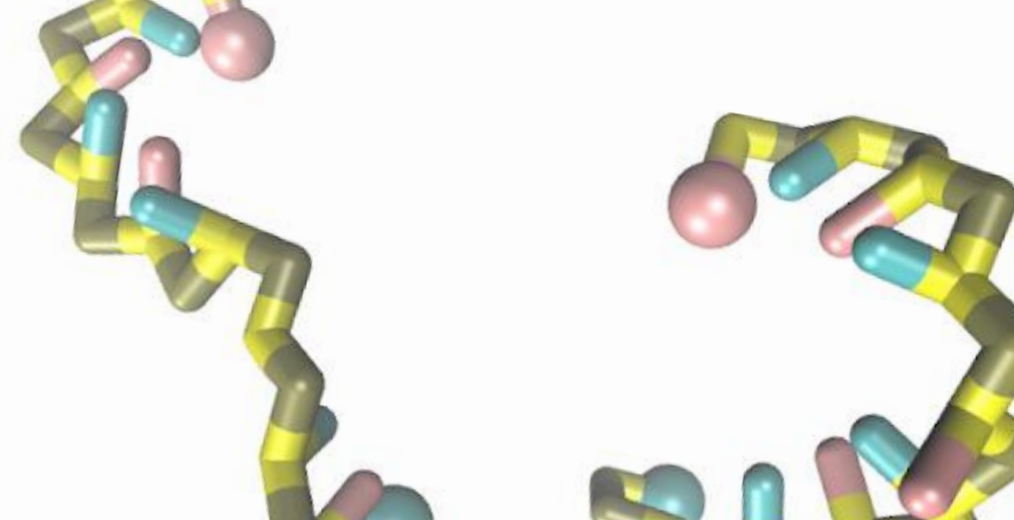


PCCA+ Macrostates	<div> <div>WC pair</div> <div>Dangling End</div> <div>Inert Tail</div> </div>		PCCA+ Stationary Probabilities			
			AT-all	GC-end	GC-core	GC-mix
Native Hybridized (H)	5' <b>ATATATATAT</b> 3' 3' <b>TATATATATA</b> 5'		$(4.152 \pm 0.003) \times 10^{-1}$	$(5.720 \pm 0.006) \times 10^{-1}$	$(4.535 \pm 0.004) \times 10^{-1}$	$(4.572 \pm 0.005) \times 10^{-1}$
5'-Single Shifted (5S1)	5' <b>A</b> <b>T</b> ATATATAT 3' 3' <b>T</b> ATATAT <b>A</b> 5'		$(7.88 \pm 0.02) \times 10^{-2}$	$(1.18 \pm 0.06) \times 10^{-3}$	--	--
3'-Single Shifted (3S1)	5'     ATATATAT <b>A</b> T 3' 3' <b>T</b> A <b>T</b> ATATATA 5'		$(1.57 \pm 0.03) \times 10^{-2}$	$(4.0 \pm 0.3) \times 10^{-4}$	--	--
5'-Double Shifted (5S2)	5' <b>AT</b> A <b>T</b> ATATAT 3' 3' <b>T</b> ATAT <b>A</b> TATA 5'		$(3.62 \pm 0.07) \times 10^{-3}$	$(5.4 \pm 0.5) \times 10^{-5}$	--	--
3'-Double Shifted (3S2)	5'     ATATAT <b>A</b> TAT 3' 3' <b>T</b> A <b>T</b> ATATATA 5'		$(1.20 \pm 0.07) \times 10^{-3}$	--	--	--
4-base pair frayed (F4)	5' <b>AT</b> ATGC <b>A</b> TAT 3' 3' <b>T</b> ATAGC <b>T</b> ATA 5'		--	--	$(2.77 \pm 0.02) \times 10^{-3}$	--
Dissociated (D)	5' <b>ATATATATAT</b> 3' 3' <b>TATATATATA</b> 5'		$(4.855 \pm 0.008) \times 10^{-1}$	$(4.208 \pm 0.007) \times 10^{-1}$	$(5.445 \pm 0.006) \times 10^{-1}$	$(5.428 \pm 0.008) \times 10^{-1}$