"Nucleation-zippering" hybridization
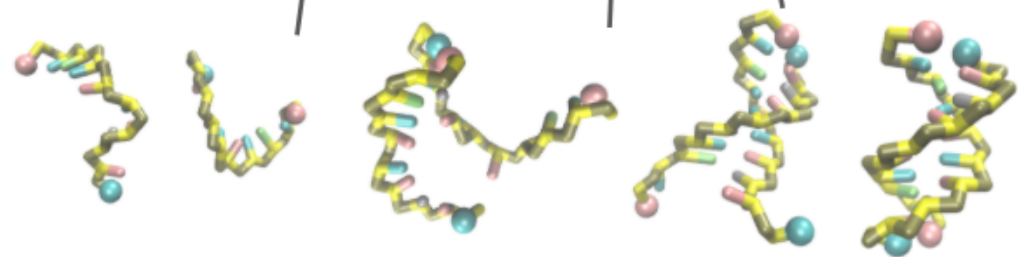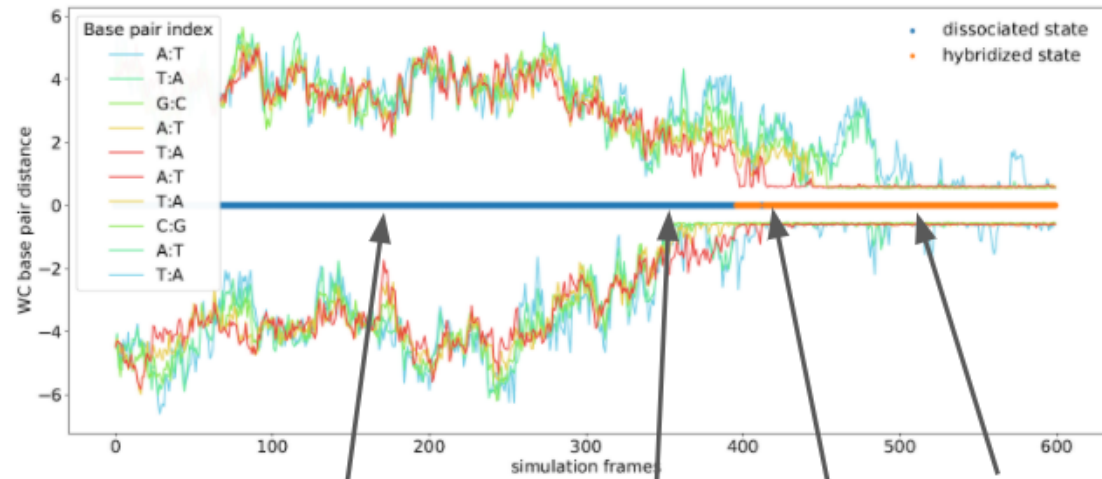
"Fraying-peeling" dissociation