

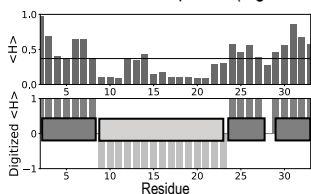
Simulate Real Protein  
(RP)



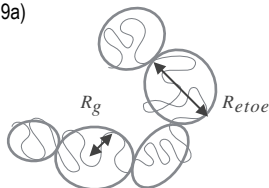
long-range

short-range

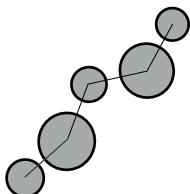
Define blobs from sequence (Figure 1b)



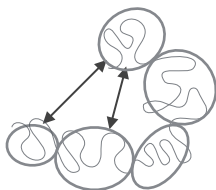
Calculate average size/ shape of each blob  
(Figure 9a)



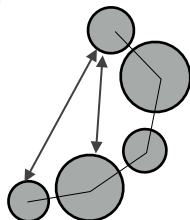
Parameterize self-avoiding heteropolymer (SAHP)  
(Figure 9d)



Calculate interblob contact probabilities  
(Figure 5b)



Simulate SAHP and calculate contact probabilities  
(Figure 5a)



Compare in order to identify contacts with substantial deviations from SAHP expectations  
(Figure 5c)