



Why does the DNA stay coiled around the histone proteins?  
 amino acids in the histone have a  $\oplus$  charge which attracts the  $\ominus$  charge of DNA

Nucleosome: the basic unit of DNA packaging in eukaryotes.  
 Made up of 8 histone proteins ("octamer") in a core with 2 wraps of DNA, plus an H1 histone protein.

Linker DNA - the DNA between adjacent nucleosomes

H1 histone: links adjacent nucleosomes together and binds the dna to the octamer core.

