



Figure 5. Nucleosome Structure

(Left) A 2.8 Å model of a nucleosome. (Right) A schematic representation of histone organization within the octamer core around which the DNA (*black line*) is wrapped. Nucleosome formation occurs first through the deposition of an H3/H4 tetramer on the DNA, followed by two sets of H2A/H2B dimers. Unstructured amino-terminal histone tails extrude from the nucleosome core, which consists of structured globular domains of the eight histone proteins.