

After reading these, you have completed reduction of the chromosome to molecules. Now let's look at how this shows the incredible degree of compaction in this organelle.

NAKED DNA



8-PROTEIN COMPLEX OF HISTONES



NUCLEOSOMES



These structures are a group of proteins with two turns of DNA wrapped around them. "Nucleo" in the name stands for "nucleic acid" and "some" stands for "body" so this is the most fundamental, lowest level of nucleoprotein (DNA + protein) structure of the chromosome and chromatin.

