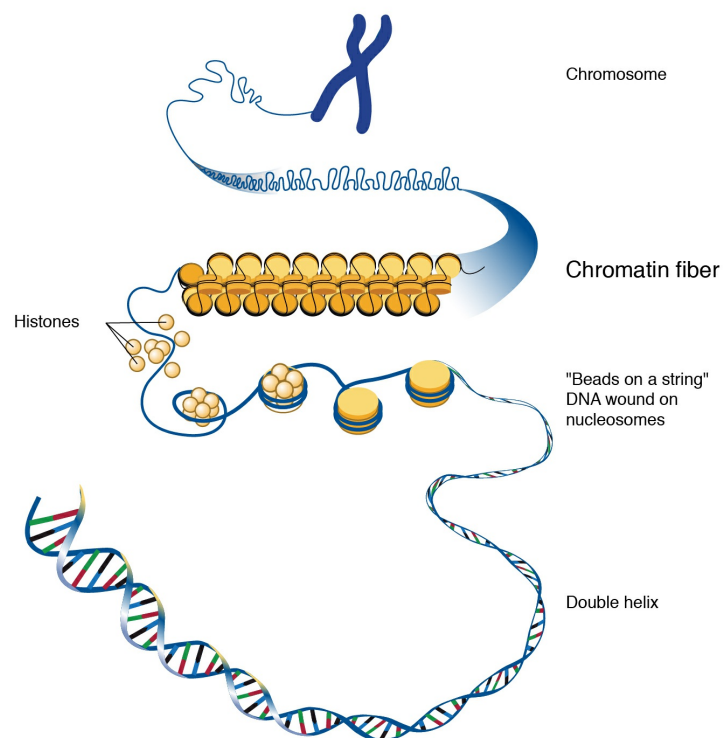


Chromatin

National Human Genome Research Institute (NHGRI)

Source

National Human Genome Research Institute (NHGRI). *Chromatin*.



Chromatin is a substance within a chromosome consisting of DNA and protein. The DNA carries the cell's genetic instructions. The major proteins in chromatin are histones, which help package the DNA in a compact form that fits in the cell nucleus. Changes in chromatin structure are associated with DNA replication and gene expression.