

[Open Peer Review on Qeios](#)

# Chromosome

National Cancer Institute

## Source

National Cancer Institute. *Chromosome*. NCI Thesaurus. Code C13202.

One of the bodies in the cell nucleus that is the bearer of genes, has the form of a delicate chromatin filament during interphase, contracts to form a compact cylinder segmented into two arms by the centromere during metaphase and anaphase stages of cell division, and is capable of reproducing its physical and chemical structure through successive cell divisions.