

[Open Peer Review on Qeios](#)

Mapping

National Human Genome Research Institute (NHGRI)

Source

National Human Genome Research Institute (NHGRI). Mapping.

Mapping is the process of making a representative diagram cataloging the genes and other features of a chromosome and showing their relative locations. Cytogenetic maps are made using photomicrographs of chromosomes stained to reveal structural variations. Genetic maps use the idea of linkage to estimate the relative locations of genes. Physical maps, made using recombinant DNA (rDNA) technology, show the actual physical locations of landmarks along a chromosome.