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# Gene Mapping

National Human Genome Research Institute (NHGRI)

## Source

*National Human Genome Research Institute (NHGRI). [Gene Mapping](#).*

Gene mapping is the process of establishing the locations of genes on the chromosomes. Early gene maps used linkage analysis. The closer two genes are to each other on the chromosome, the more likely it is that they will be inherited together. By following inheritance patterns, the relative positions of genes can be determined. More recently, scientists have used recombinant DNA (rDNA) techniques to establish the actual physical locations of genes on the chromosomes.