An official website of the United States government Here's how you know

URL of this page: https://medlineplus.gov/genetics/

Genetics

Find consumer-friendly information about the effects of genetic variation on human health.

Genetic Conditions

Learn about the signs and symptoms, causes, and inheritance of more than 1,300 health conditions with a genetic basis.

[https://medlineplus.gov/genetics/condition/]

Genes

Find information about the function of more than 1,400 genes and see how changes in these genes are related to health conditions.

[https://medlineplus.gov/genetics/gene/]

Chromosomes and mtDNA

Read about each of the 23 pairs of human chromosomes and mitochondrial DNA (mtDNA).

[https://medlineplus.gov/genetics/chromosome/]

Help Me Understand Genetics

Explore topics in human genetics, from the basics of DNA to genomic research and personalized medicine.

[https://medlineplus.gov/genetics/understanding/]

Related Health Topics

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Genetic Disorders [https://medlineplus.gov/geneticdisorders.html]

Genetic Testing [https://medlineplus.gov/genetictesting.html]

Newborn Screening [https://medlineplus.gov/newbornscreening.html]

Understanding Genetics

What is DNA? [https://medlineplus.gov/genetics/understanding/basics/dna/]

What is a gene? [https://medlineplus.gov/genetics/understanding/basics/gene/]

What is a gene variant and how do variants occur? [https://medlineplus.gov/genetics/understanding/mutationsanddisorders/genemutation/]

What does it mean if a disorder seems to run in my family? [https://medlineplus.gov/genetics/understanding/inheritance/runsinfamily/]