

Open Peer Review on Qeios

Genome

National Human Genome Research Institute (NHGRI)

Source

National Human Genome Research Institute (NHGRI). Genome.

Chromosomes of the Human Genome

The genome is the entire set of genetic instructions found in a cell. In humans, the genome consists of 23 pairs of chromosomes, found in the nucleus, as well as a small chromosome found in the cells' mitochondria. Each set of 23 chromosomes contains approximately 3.1 billion bases of DNA sequence.