

Genome

This article was checked by pedagogue



This article was checked by pedagogue, but later was changed.



English: *Genome*

Czech: *Genom*



Genome is an entirety of the hereditary information of a particular organism. This information is coded in DNA (in RNA for certain viruses). Genome thus comprises both protein-coding and non-coding DNA or RNA. The genome of many organisms (including human) has been completely sequenced.

In case of eukaryotic organisms it is possible to distinguish **nuclear genome** and **extranuclear genome** (i.e. DNA sequences of semiautonomous organelles - mitochondria or plastids).

Links

External links

- Human Genome Project information (http://www.ornl.gov/sci/techresources/Human_Genome/home.shtml)
- NCBI entrez Genome (<http://www.ncbi.nlm.nih.gov/sites/entrez?db=genome>)
- UCSC Genome Browser (<http://genome.ucsc.edu/>)
- article Genome at Wikipedia (<http://en.wikipedia.org/wiki/Genome>)