

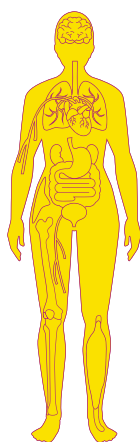
Genomics vs genetics: what's the difference?

Genomics

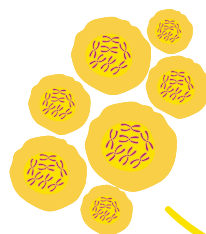
- The study of an organism's complete set of genetic information.
- The Genome includes both genes (coding) and non-coding DNA.
- 'Genome': the complete genetic information of an organism.

Genetics

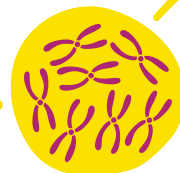
- The study of heredity.
- The study of function and composition of single genes.
 - 'Gene': specific sequence of DNA that codes for a functional molecule.



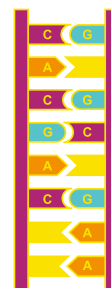
Human



Cells



Chromosomes



DNA



Genes

