

From Jeans to Genes

Crossword Puzzle

Across

1. The study of heredity. GENETICS
2. The passing of genetic traits from parent to offspring. HEREDITY
3. The kinds of genes an individual carries for a trait. GENOTYPE
4. Two different genes for the same trait. HETEROZYGOUS
5. A small section of a chromosome that controls the production of proteins. GENE

Down

6. Two identical genes for the same trait. HOMOZYGOUS
7. A weaker gene which is not expressed or shown in the phenotype. RECESSIVE
8. A physical expression of a genotype. It is what is seen as a result of one's genes.
PHENOTYPE
9. A gene which is stronger and therefore expressed or shown in the phenotype.
DOMINANT
10. The total hereditary material of a cell's nucleus. GENOME
11. Rod or thread-like structures in the nucleus that contain DNA. CHROMOSOME
12. A specific inherited characteristic such as hair color. TRAIT