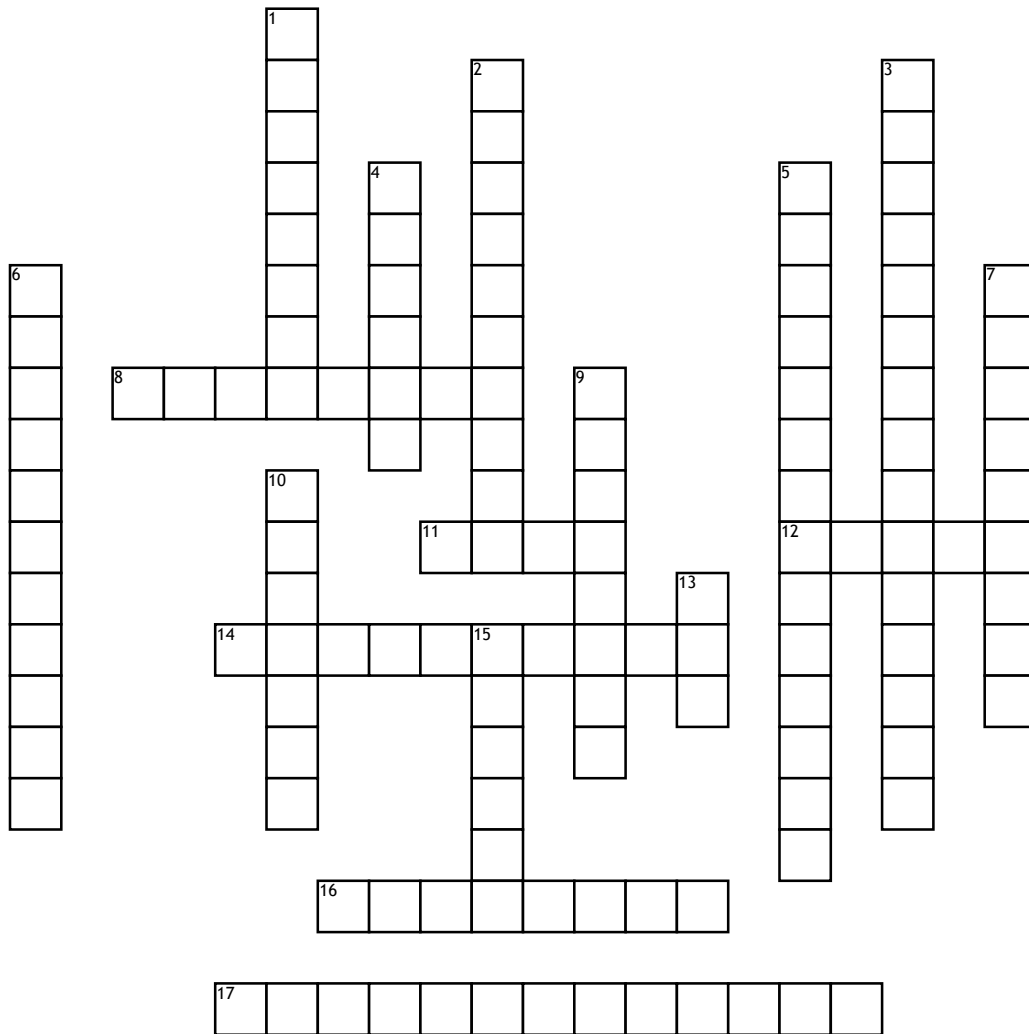


# Genetics Vocabulary Crossword



**Across**

- 8. What is the scientific study of heredity?
- 11. A segment of DNA on a chromosome that codes for a specific trait is...?
- 12. A characteristic that an organism can pass on to its offspring through its genes is...?
- 14. A set of organisms produced at a stage in the reproduction of organisms is...?
- 16. An organism that has identical alleles for a particular trait is...?
- 17. A chart that shows all the possible combinations of alleles that can result from a genetic cross is...?

**Down**

- 1. What is an organism's genetic makeup?
- 2. A rod-shaped cellular structure made of condensed chromatin; contains DNA; carries trait information is...?
- 3. An allele that is masked when a dominant allele is present is...?
- 4. An organism that has two different alleles for a trait is...?
- 5. An allele whose trait always shows up in the organism when the allele is present is...?
- 6. The likelihood that a particular event will occur is...?

- 7. What is an organism's physical appearance, or visible traits?
- 9. The passing of traits from parents to offspring is...?
- 10. To derive a quality or characteristic genetically from one's parents or ancestors...?
- 13. A molecule containing the genetic info that makes up the chromosomes is...?
- 15. What are different forms of a gene?

**Word Bank**

- |                  |                |             |                 |         |
|------------------|----------------|-------------|-----------------|---------|
| Generation       | Phenotype      | Probability | Heredity        | Hybrid  |
| Recessive Allele | Punnett Square | DNA         | Dominant Allele | Inherit |
| Gene             | Purebred       | Genotype    | Allele          | Trait   |
| Genetics         | Chromosome     |             |                 |         |