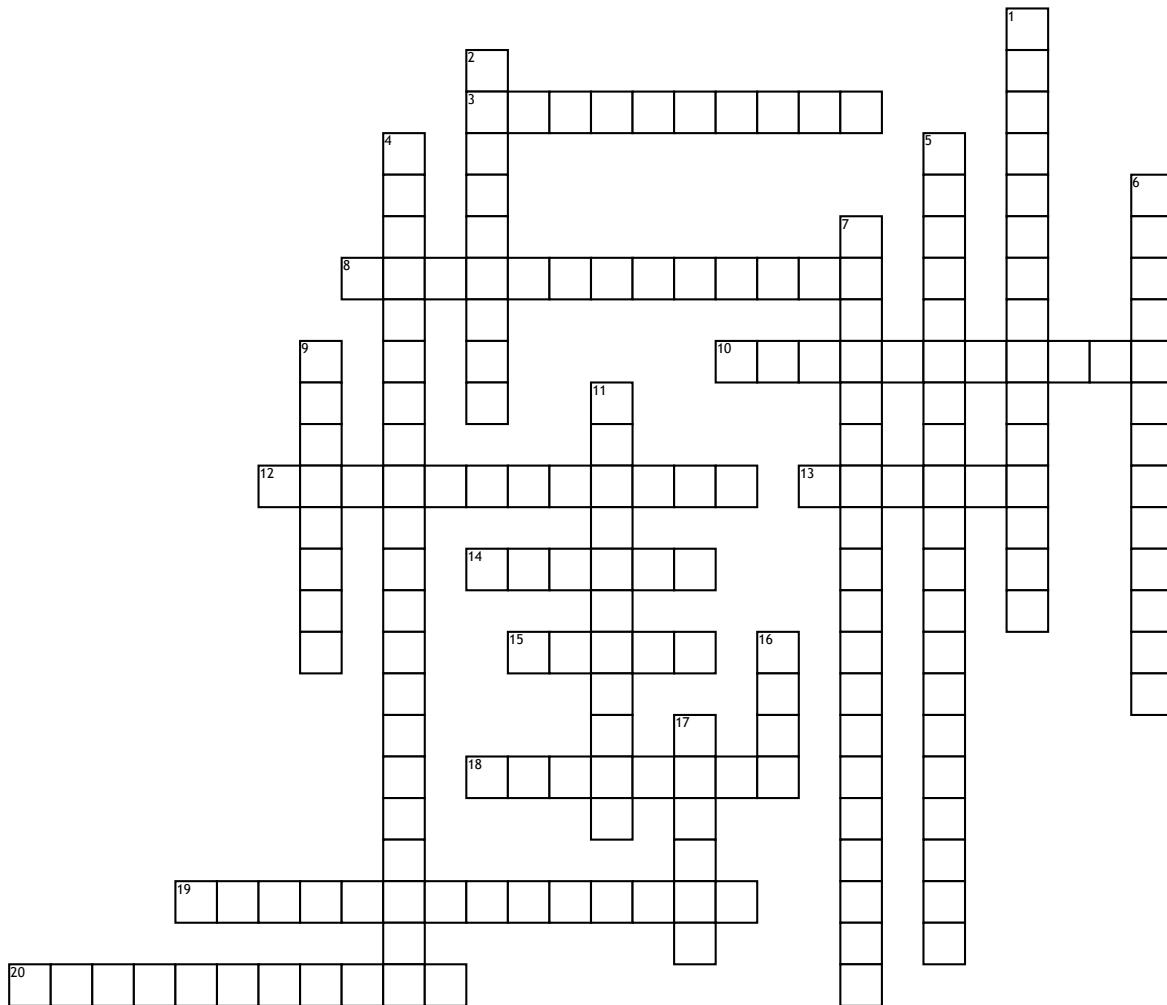


Genetics Crossword



Across

3. having two identical alleles of a particular gene or genes.
 8. the action or process of fertilizing an egg, female animal, or plant, involving the fusion of male and female gametes to form a zygote.
 10. a relationship between two versions of a gene
 12. having two different alleles of a particular gene or genes.
 13. one of two or more alternative forms of a gene that arise by mutation and are found at the same place on a chromosome.
 14. a mature haploid male or female germ cell which is able to unite with another of the opposite sex in sexual reproduction to form a zygote.

15. a distinguishing quality or characteristic

18. the genetic constitution of an individual organism.

19. A trait is one whose phenotype is influenced by more than one gene.

20. the extent to which something is probable; the likelihood of something happening or being the case.

Down

1. Three or more alternative forms of a gene (alleles) that can occupy the same locus.

2. the set of observable characteristics of an individual resulting from the interaction of its genotype with the environment.

4. the alleles of two (or more) different genes get sorted into gametes independently of one another.

5. a genetic law that states that the offspring of individuals with contrasting traits will only express the dominant trait

6. a square diagram that is used to predict the genotypes of a particular cross or breeding experiment

7. a form of intermediate inheritance in which one allele for a specific trait is not completely expressed over its paired allele

9. relating to genes or heredity.

11. the action or state of setting someone or something apart from other people or things or being set apart.

16. a unit of heredity which is transferred from a parent to offspring and is held to determine some characteristic of the offspring.

17. the offspring of two plants or animals of different species or varieties