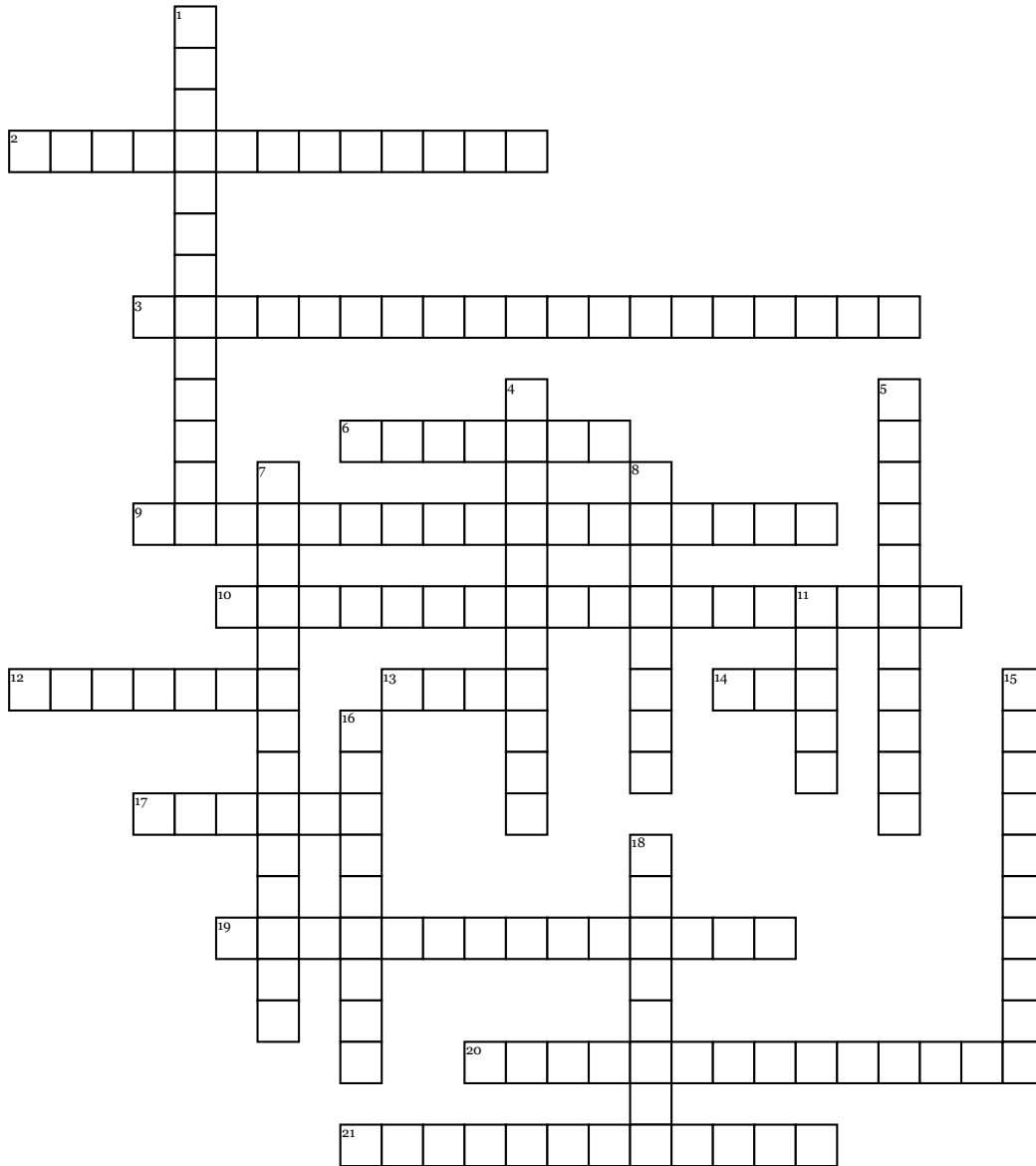


Genetic Terms



Across

- 2.** An inherited trait that results from the expression of the dominant allele over the recessive allele
- 3.** The reproductive process that involves only one parent and produces offspring identical to the parent.(cloning)
- 6.** A cell with half of the normal chromosomes
- 9.** The process by which humans use animals breeding and plant breeding to selectively develop particular phenotype traits
- 10.** The production of new living organisms by combining genetic information from two individuals of different sexes
- 12.** A type of cell division that results in four daughter cells each with half the number of chromosomes of the parent cell, as in the production of gametes and plant spores
- 13.** The set of information that controls a trait, a segment of DNA on a chromosome

- 14.** Deoxyribonucleic acid is a molecule that carries most of the genetic instructions used in the development, functioning and reproduction of all know living organisms and many viruses

- 17.** Different forms of a gene

- 19.** The two twentieth-century biologists who discovered the double helix of DNA

- 20.** Is the phenotypic expression of an allele related to the sex chromosome of the individual

- 21.** Having two different alleles for a trait

Down

- 1.** A tool to show all possible allelic combinations of gametes in a cross of parents with known genotypes in order to predict the probability of their offspring possessing certain sets of alleles

- 4.** A pair of parallel helices intertwined about a common axis, especially that in the structure of the DNA molecule

- 5.** A threadlike structure of nucleic acids and protein found in the nucleus of most living cells, carrying genetic information in the form of genes

- 7.** A genetic trait that results from the expression of the two recessive alleles

- 8.** The genetic constitution of an individual organism

- 11.** A genetically determined characteristic

- 15.** Having two identical alleles for a trait

- 16.** The set of observable characteristics of an individual resulting from the interaction of its genotype with the environment

- 18.** A genetically determined characteristic