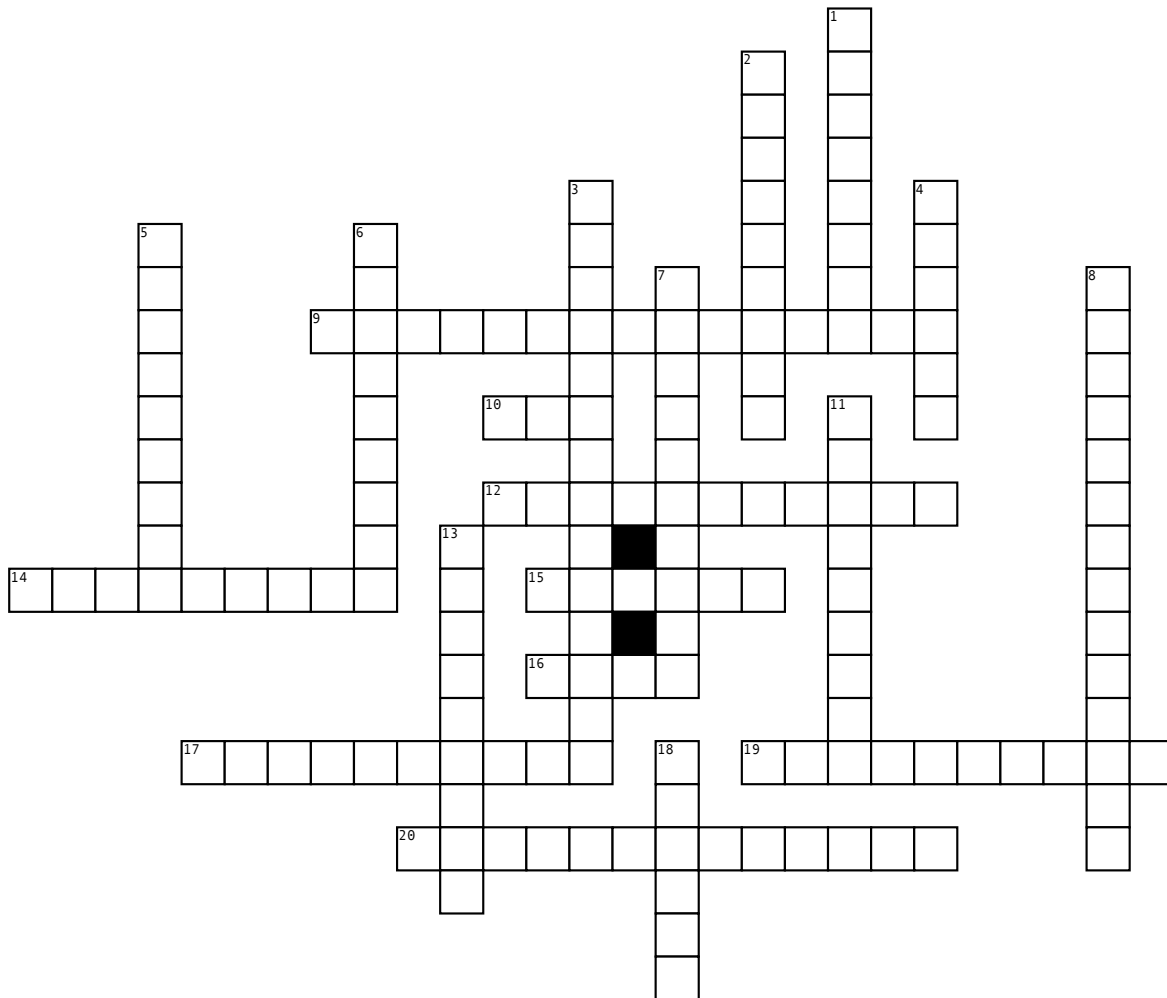


Genetic Terms



Across

- 9. an allele that produces characteristics phenotype only when its paired allele is identical
- 10. a long linear polymer found in the nucleus of a cell
- 12. having dissimilar allele at corresponding chromosomal loci
- 14. an organism of one or more cells with membrane-bound nuclei
- 15. an alternative form of a gene that can occupy the same locus
- 16. part of DNA controlling physical characteristics and growth

17. an unicellular organism lacking membrane-bound nuclei

- 19. of or relating to our constituting a phenotype
- 20. an organelle containing enzymes responsible for producing energy

Down

- 1. an organelle in the cytoplasm of a living cell
- 2. a specialized part of cell; analogous to an organ
- 3. an allele that produce the same phenotype whether its paired allele is identical or different
- 4. a mature sexual reproductive cell

- 5. sequence of a gene DNA that transcribe into protein structure
- 6. what an organism looks like
- 7. a specialized condensed region of each chromosomes that appear during mitosis where the chromatids are held together to form an X shape
- 8. conversion of information encoded in a gene first into messenger RNA and then to a protein
- 11. human blood cells that have the same antigens
- 13. of or relating to our constituting a genotype
- 18. cell division in sexually reproducing organism