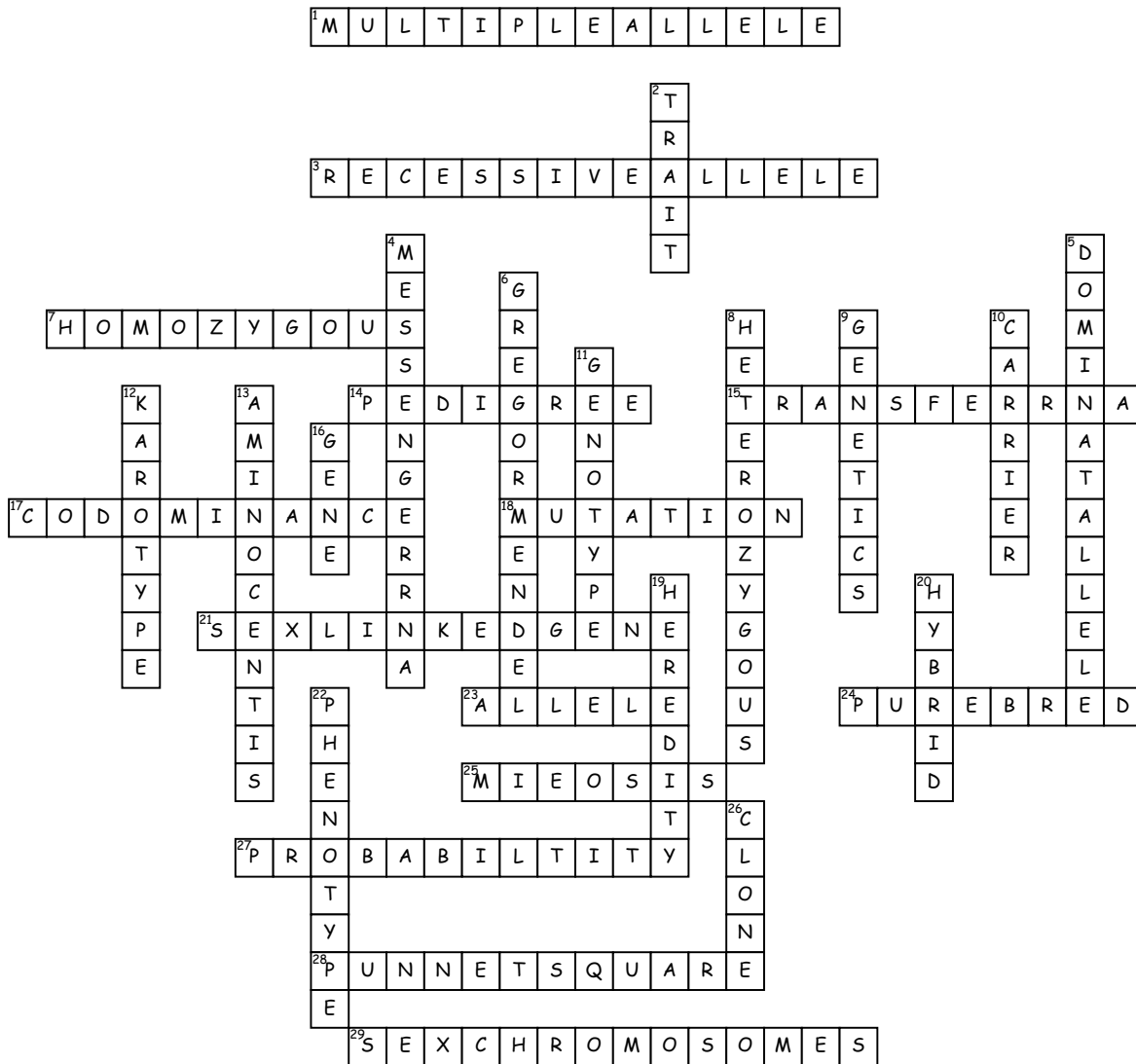


# life science



## Across

1. Three or more forms of a gene that code for a single trait
3. An allele is masked when a dominant allele is present
7. Having two identical alleles for a trait
14. a family tree that tracks traits
15. RNA in the cytoplasm that carries an amino
17. a condition when neither of the two different alleles for a trait
18. A change in gene or chromosome
21. A gene that is carried on the X or Y chromosome
23. the different form of genes
24. An organism that always produces offspring with the same traits
25. The Process that occurs in sex cells by which the number of chromosomes are reduced

27. the likelihood that a particular event would occur

28. a chart that shows all the possible combinations that can occur in a genetic cross
29. Chromosomes involved with determining the sex of an organism

## Down

2. a characteristic that an organism can pass to offspring through genetics
4. That Copies the coded message
5. An Allele who trait always show up in the organism
6. a German scientist who founded the science of genetics
8. having two different alleles for trait
9. the scientific study of heredity
10. A person with a recessive allele
11. An organism's genetic makeup or allele combinations
12. A picture of all the chromosomes in a cell

13. A technique to exchange animal fluid
16. An segment of DNA on a chromosome that codes for a specific trait
19. the passing of traits from parents to offspring
20. An organism that has two different alleles for a trait
22. An Organism's physical appearance
26. An organism that is genetically the identical