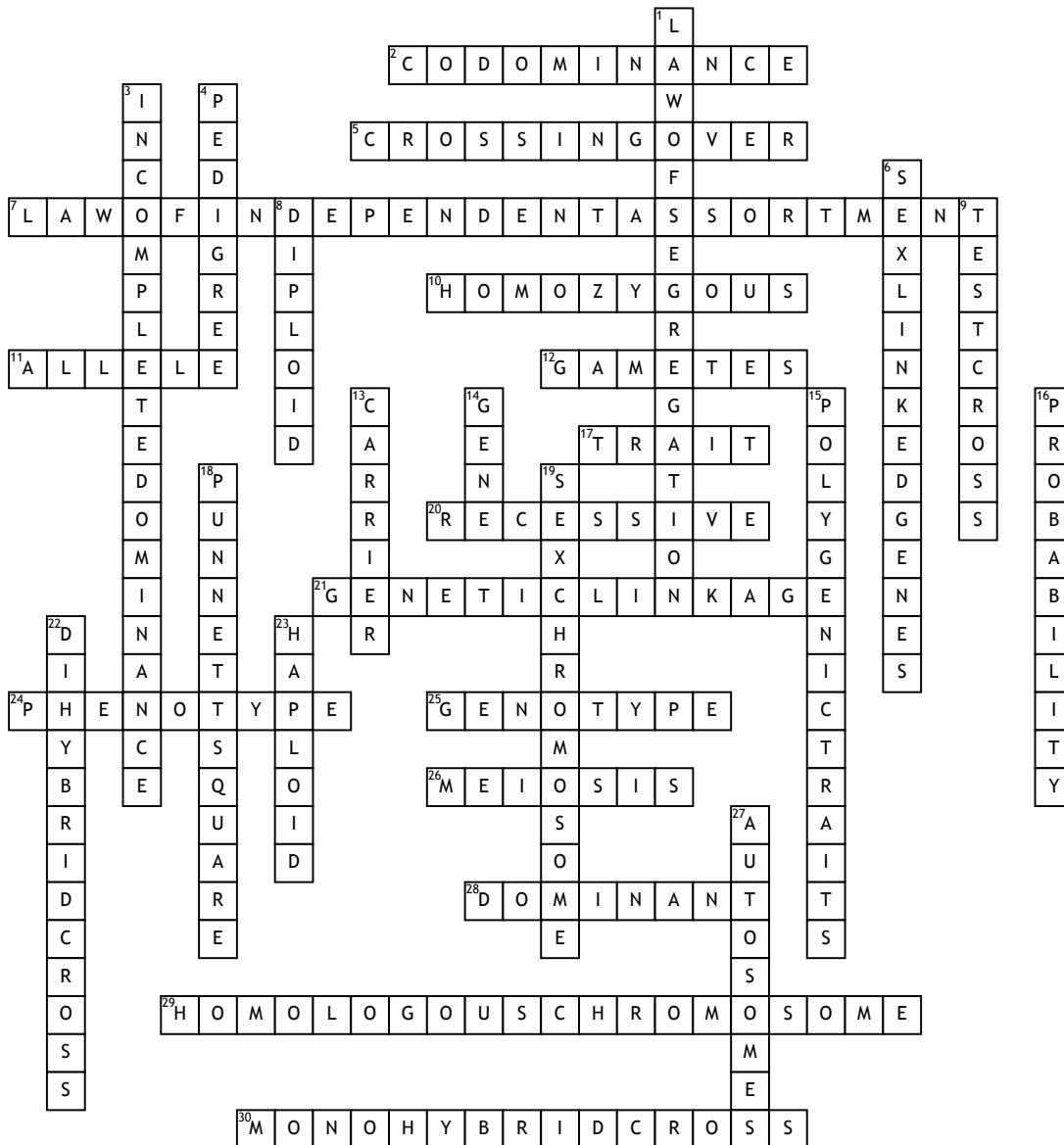


# Genetics unit vocab



## Across

2. Both alleles of a gene pair are neither dominant or recessive
5. Homologous chromosomes pair up to exchange different segments of genetic material
7. Random combinations of chromosomes in meiosis
10. Two of the same alleles
11. One of two or more alternative forms of a gene
12. A mature haploid germ cell
17. Distinguishing quality or characteristic belonging to a person
20. A gene that is not tangible
21. DNA sequences that are close together on a chromosome
24. Physical characteristics

25. Genetic constitution of an individual organism

26. Type of cell division

28. A gene that masks the effects of the recessive gene

29. Chromosome pairs one from each parent that are the same

30. Type of genetic breeding experiments

## Down

1. How the offspring of parents with similar characteristics sometimes have offspring with a different characteristics

3. Intermediate inheritance where one allele is not completely paired

4. Diagram showing the lineage of an individual

6. A gene located in the sex chromosome

8. To complete sets of chromosomes one from each parent

9. Way to explore the genotype of an organism

13. Organism that has inherited a recessive allele

14. A unit of heredity that is transferred from a parent to offspring

15. Controlled by a group of nonallelic genes

16. Likelihood of an event to occur

18. Diagram that is used to predict the outcome of an offspring

19. Chromosome that determines the sex of an organism

22. Mating experiment between two organisms that are identically hybrid

23. Single set of unpaired chromosomes

27. Any chromosome that is not a sex chromosome