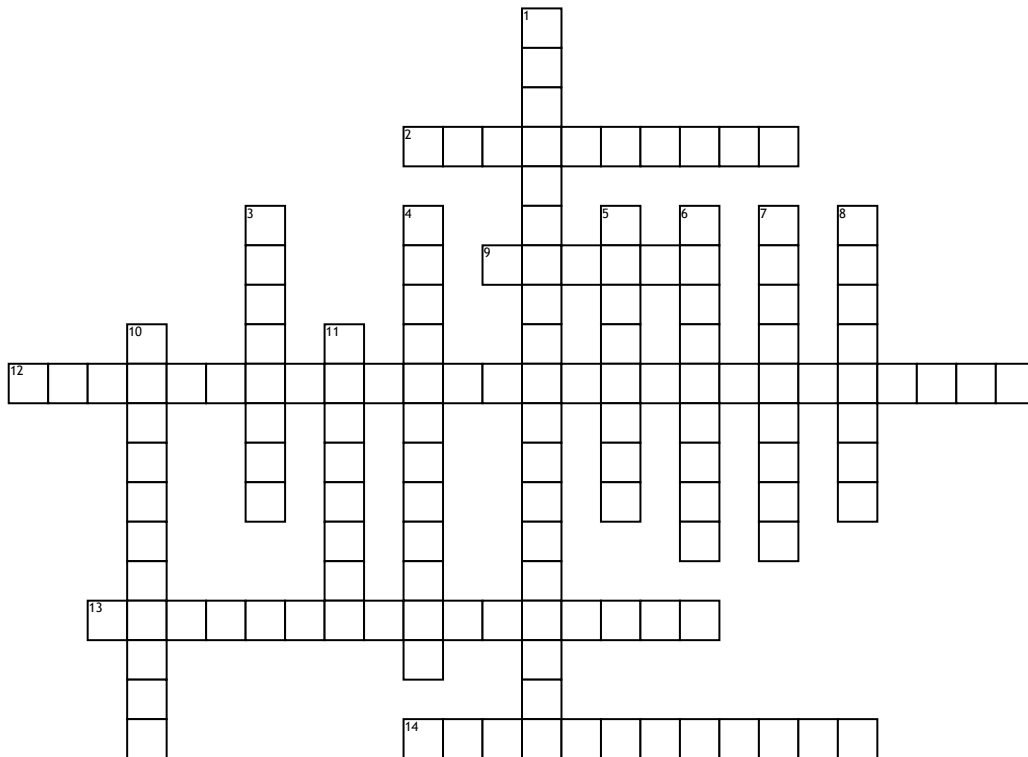


Genetics crossword



Across

2. Two identical alleles in a gene
9. A form of gene that controls a trait
12. A basic principle of genetics, Mendel's second law
13. Two copies of each hereditary factor segregate so that offspring acquire one factor from each parent
14. Two different alleles in a gene

Down

1. When a dominant allele, or form of a gene, does not completely mask the effects of a recessive allele
3. A variation of a gene that will produce a certain phenotype, even in the presence of other alleles
4. Diagram that's used to predict the outcome of a particular cross
5. Determines a specific characteristic (phenotype) of a cell

6. A gene/allele that can be masked by a dominant gene (or allele)
7. The observable physical characteristics of an organism
8. The study of genes, genetic variation, and heredity in organisms
10. Both alleles are equally strong and both alleles are expressed
11. A purebred animal

Word Bank

Heterozygous
Genetics
Law of Segregation
Recessive
Incomplete Dominance

Pedigree
Genotype
Phenotype
Dominant
Codominance

Punnet square
Allele
Law of Independent Assortment
Homozygous