

VOCABULARY ANSWER KEY

(FROM JOURNAL PAGE 13)

1. A trait that is expressed even if there is only one copy present. DOMINANT
2. A young organism before it is born or emerges from the egg. EMBRYO
3. A set of coded instructions inherited from the parents. DNA
4. A branch of biology that studies inheritance throughout families. GENETICS
5. Small dish in which small organisms can develop. PETRI DISH
6. What we draw to help us figure out the possible genotypes of our cross. PUNNETT SQUARE
7. A trait that is only expressed when there are two copies of the alleles present. RECESSIVE
8. An organism's appearance or other detectable characteristics. PHENOTYPE
9. Unspecialized cells that can multiply repeatedly and can potentially develop into many types of specialized cells. STEM CELLS
10. The typical appearance of an organism in a natural population. WILDTYPE
11. Part of the egg from which the developing embryo obtains nutrition. YOLK
12. The full DNA sequence of an organism. GENOME
13. Describes an individual that has two different alleles for a given trait. HETEROZYGOUS
14. Describes an individual that has two identical alleles for a given trait. HOMOZYGOUS
15. The genetic makeup for a given trait, not necessarily seen by the eye. GENOTYPE