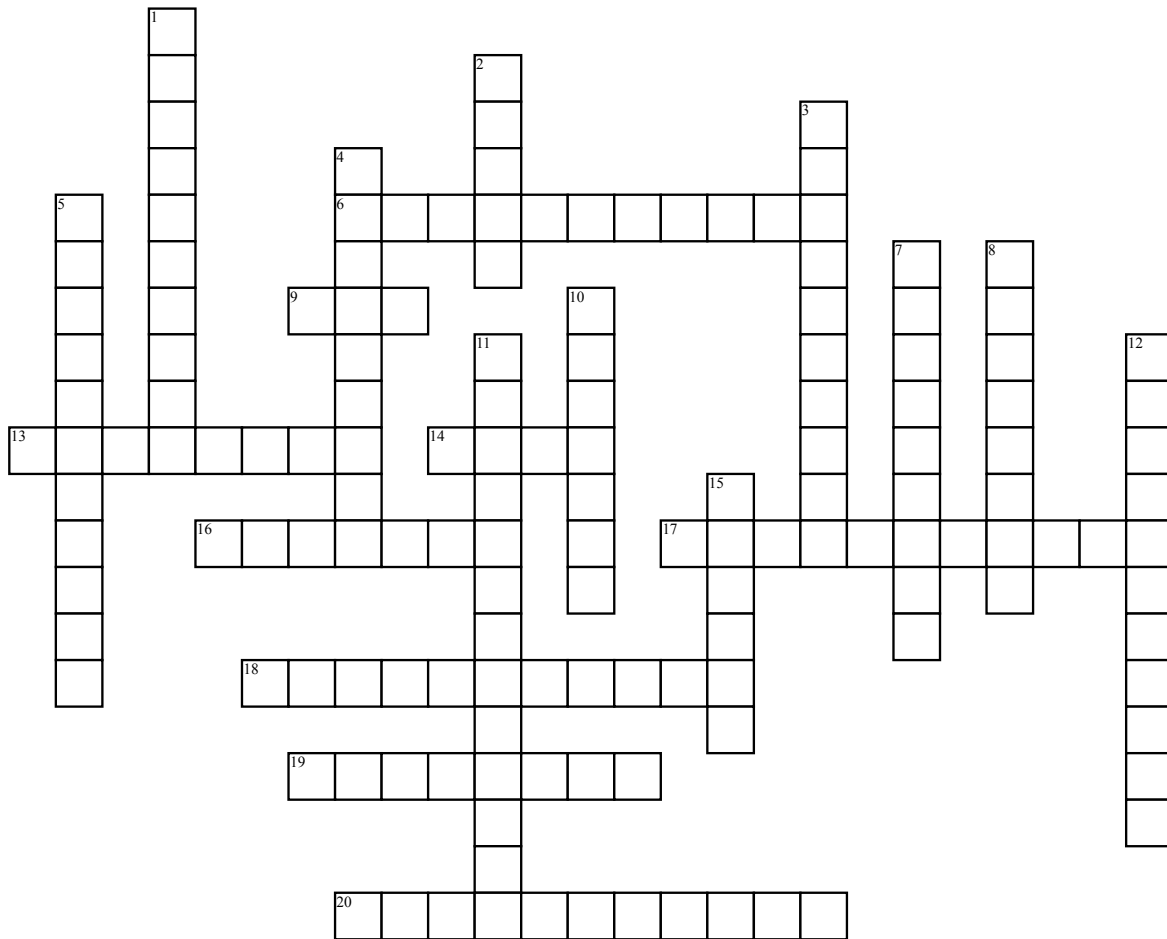


Animal Science Genetics Vocabulary



Across

- 6. when a crossbred has better qualities than its parents
- 9. long thin molecule made of nucleotides linked in a chain
- 13. passing traits from parents to offspring
- 14. An XY chromosome determines what sex of the offspring?
- 16. Eggs produced by a mature male and female are called...
- 17. sequence of nitrogen bases in DNA molecule

18. 2 alleles SHARE expression (black and white parents produce spotted offspring)

- 19. the genetic make-up of an organism makes it's...
- 20. process when mRNA is changed to amino acids to make a protein

Down

- 1. type of gene dominance when phenotype is a true mix of the 2 parent colors
- 2. Chromosomes occur in...
- 3. contains genetic material

4. outside physical appearance of an organism

- 5. spiral staircase of 2 DNA strands
- 7. unexpressed alleles are called...
- 8. study of biological inheritance
- 10. alternative forms of genes
- 11. process when DNA is changed to mRNA
- 12. random transfer of chromosomes and their genes to gametes is...
- 15. father of genetics