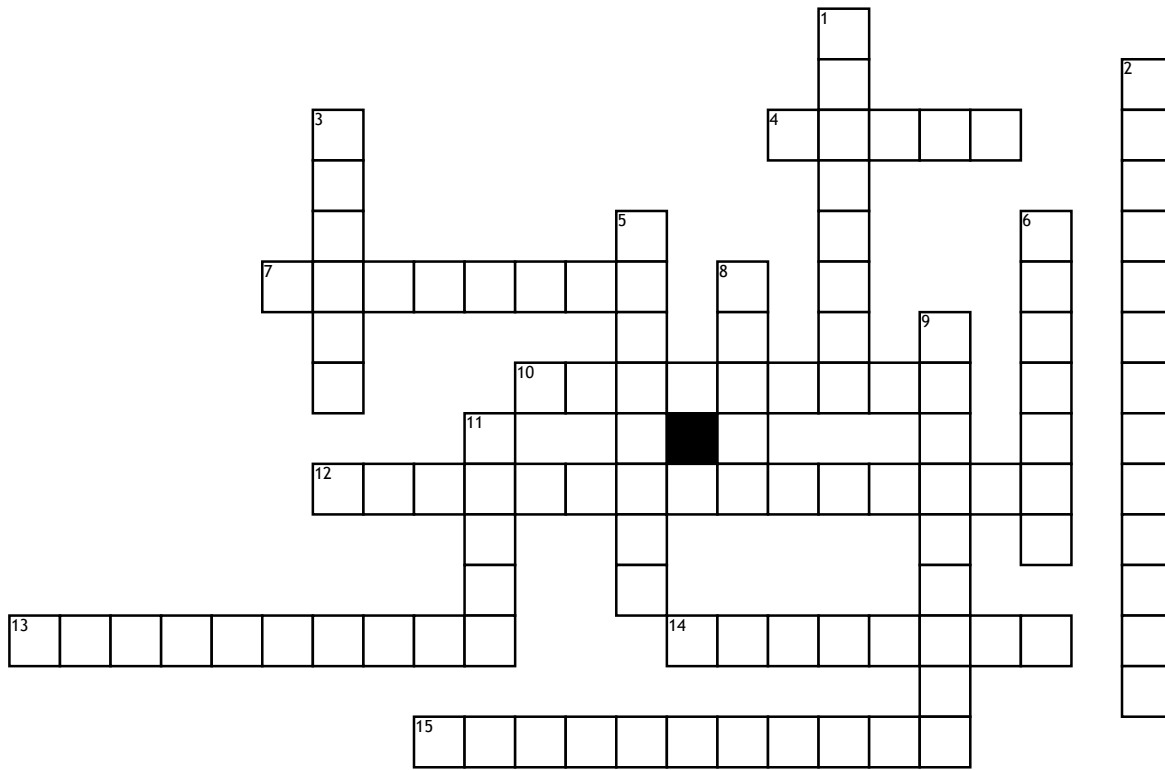


# Raginald's Cross Word Puzzle on Genetics



## Across

4. specific characteristic that an organism can pass to its offspring through its genes  
 7. an organisms genetic makeup, or allele combinations  
 10. An individual's observable trait (brown hair, blue eyes, etc.)  
 12. an allele that is hidden whenever the dominant allele is present  
 13. An organism that has two identical alleles for a trait (hh, TT, gg)

14. A change in a gene or chromosome

15. a situation in which both alleles for a gene are expressed equally

## Down

1. Passing of traits from parents to offspring  
 2. chart that show all the possible combinations of alleles that can result from a genetic cross  
 3. the different forms of a gene

5. Study of traits, genes and heredity

6. A person whose genotype includes a gene that is not expressed in the phenotype.

8. An organism that has the same genes as the organism it was produced from

9. . An allele that is only expressed in the phenotype if there is not a dominant allele in the genotype it is said to be

11. Segments of DNA on chromosomes that code for specific traits