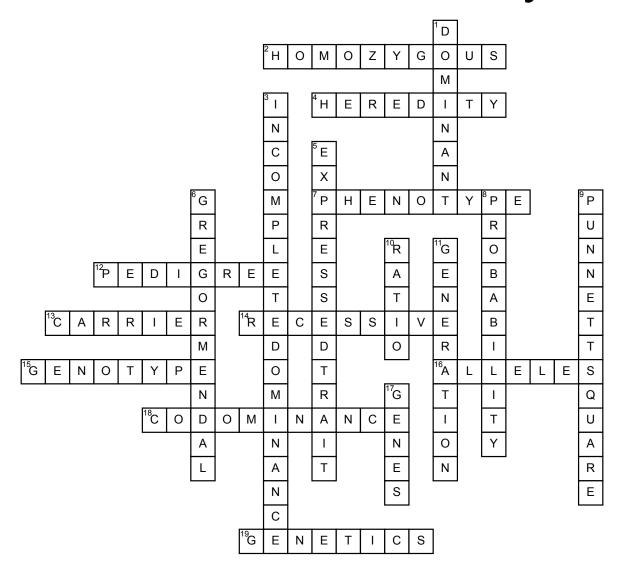
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~ Genetics Vocabulary ~



Across

- **2.** An organism that has two identical alleles for a trait (hh, TT, gg)
- **4.** Passing of traits from parents to offspring
- **7.** An individual's observable trait (brown hair, blue eyes, etc.)
- **12.** A chart or "family tree" that tracks which members of a family have a particular trait
- **13.** A person whose genotype includes a gene that is not expressed in the phenotype.
- **14.** An allele that is only expressed in the phenotype if there is not a dominant allele in the genotype it is said to be

- 16. Different forms of a gene
- **18.** both alleles in a heterozyous pair individually contribute to the phenotype. Instead of a blend of the phenotype the pair has a different phenotype.
- **19.** Study of traits, genes and heredity **Down**
- **1.** An allele or a gene that is expressed in an organism's phenotype, masking the effect of the recessive allele or gene when present.
- **3.** The condition where both alleles are partially expressed in a BLENDED appearance of the trait.
- 5. trait shown in phenotype
- **6.** Father of genetics

- **8.** A number with a value from 0 to 1 that describes the likelihood that an event will occur. For example, if a bag contains a red marble, a white marble and a blue marble then the probability of selecting a red marble is 1/3.
- **9.** A chart used to show all the ways genes from two parents can combine and be passed to offspring; used to predict all genotypes that are possible
- **10.** an expression that compares two quantities (1/4 or 3:4)
- **11.** One step in the line of descent of a family
- 17. Segments of DNA on chromosomes that code for specific traits

15. Allele make-up of a person; you cannot see this (ex: PP or Pp or pp)