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Mendelian Genetics Vocabulary

1. **Genotype** = An organism’s genetic makeup.

2. **Phenotype** = An organism’s physical appearance based on their genotype.

3. **Dominant** = Stronger than the recessive trait.

4. **Recessive** = Weaker gene and is hidden when the dominant allele is present.

5. **Trait** = A characteristic or seed color.

6. **Pure (Homozygous)** = When both genes in a pair are the same.

7. **Hybrid (Heterozygous)** = When two genes of a pair are different.

8. **Homologous Chromosomes** = Each of the 23 pairs of chromosomes found in the human body.

9. **Genes** = Basic units of heredity carried by chromosomes.

10. **Gregor Mendel** = An Austrian friar who performed experiments that helped better understand how traits passed from parents to their offspring.