

Genetics Vocabulary

Directions – copy the following words and definitions into the correct boxes of your Genetics Foldable.

Allele – the different forms of a gene

Gene – the set of information that controls a trait; a segment of DNA on a chromosome that codes for a specific trait

Genotype – an organism's genetic makeup, or allele combinations

Heterozygous – having 2 different alleles for a trait

Homozygous – having 2 identical alleles for a trait

Hybrid – organism that has 2 different alleles for a trait (heterozygous)

Phenotype – an organism's physical appearance, or visible traits

Purebred – offspring of many generations that always have the same trait (homozygous)