

**gene** Section of DNA that codes for a particular trait or characteristic.

**allele** A different form of a gene that codes for a different version of a characteristic.

**genotype** A description of the pair of alleles present for a characteristic.

**phenotype** The physical expression of the alleles.

**homozygous** Pair of alleles that produce a characteristic that are the **same**, e.g. **HH**.

**heterozygous** Pair of alleles that produce a characteristic that are **different**, e.g. **Hh**.

**dominant** An allele that will **always** be expressed even when there is only one of these alleles present, represented by a **capital letter**.

**recessive** An allele that will only be expressed when **both alleles** are of this type, represented by a **lower case letter**.

**genome** The complete set of genes in an organism.

**gene pool** The entire collection of genes in a population of a species at a particular time.