

Term	Example	Definition
Homozygous		
Heterozygous		

An organism with two of the same alleles for a particular trait is said to be homozygous for that trait.

True-breeding yellow-seed pea plants would be YY , and green-seed pea plants would be yy .



An organism with two different alleles for a particular trait is said to be heterozygous for that trait. When alleles are present in the heterozygous state, the dominant trait will be observed.

A plant that is Yy would be a yellow-seed pea.

