

Character from outside - Phenotype.

5

classmate
Date _____
Page _____

Interaction of Gene.

A variety of morphological characters are controlled by the interaction of two or more pairs of genes. Such interaction is known as interaction of gene.

There are several types of gene interactions. Such as

- 1) Incomplete dominant
 2. Co-dominant
 3. complementary gene
 4. Epistasis
 5. Multiple Allel
- } Monohybrid cross
- } dihybrid cross

1. Incomplete dominant :-

It is a phenomenon of neither of the two alleles of a gene being dominant over other, but both alleles are present & give a new phenotype. It is intermediate between the independent expression of two alleles. It was discovered by ~~correns~~ CORRENS (1903).

eg:- 4 'o' clock (*Mirabilis jalapa*)

Syn Snapdragon (*Antirrhinum majus*)

