

GLOSSARY

Chromosome: structures of DNA and proteins that are found in cells.

Drosophila melanogaster: is a fruit fly, a little insect about 3mm long.

Life cycle (vital cycle): the course of stages through which an organism passes from fertilized zygote until maturity.

Model organism: is a species that is extensively studied to understand particular biological phenomena.

Mutant: individual, organism, or new genetic characteristic arising or resulting from an instance of mutation, which is a sudden structural change within the DNA of a gene or chromosome of an organism resulting in the creation of a new character.

Mutations: are changes to the base pair sequence of the genetic material of an organism.

Sexual dimorphism: is the systematic shape difference between individuals of different sex in the same species.