

# EFFECT OF MUTATIONS ON DROSOPHILA

Reference : KEMD



## The Earth in the universe, life and the evolution of life

Cognitive objectives:

Show the effect of mutations on cellular metabolism and understand the role of the genome.

Proposed activity:

Observe different strains of Drosophila with a stereo microscope to understand the effect of mutations on cell metabolism.

- Wild Strain (red eyes, normal wings)
- White strain (white eyes)
- Vestigial strain (crumpled wings)
- Ebony strain (ebony body)

Drosophila tubes are sent at the pupae stage.

40 to 100 flies will develop in each tube.

Technical and educational instructions available on our website.

Conservation:

Room temperature

