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Flies' Eyes and DNA

Division: Biotechnologie

Catégorie: Junior

Région: Bluewater

Ville: Tara, ON

École: Arran-Tara E.S.

Sommaire: This experiment examined whether differences in eye colour between wild and white-eyed *Drosophila melanogaster* occur due to DNA differences. Gel electrophoresis was used to study the DNA samples of the two types of *Drosophila*. It was found that white-eyed *Drosophila* have an insertion of DNA called Doc retrotransposon. This proved that one could differentiate between various organisms within a species by looking at their DNA.