FORENSIC DNA IMPROVING THE CRIMINAL JUSTICE SYSTEM

# FORENSIC DNA TESTING

DNA barcoding is designed to identify a species, rather than an individual. DNA Profiling is a forensic technique that is used in criminal investigations, to assess suspects' involvement by comparing criminals' profiles to DNA evidence. Everyone has a unique genetic code, which is why forensic DNA is considered to be one of the most accurate methods available that are used in the criminal justice system.











### FORENSIC DNA BACKGROUND

DNA Profiling is a forensic technique that is used in criminal investigations to assess suspects' involvement by comparing criminals' profiles to DNA evidence. Everyone has a unique genetic code, which is why forensic DNA is considered to be one of the most accurate methods available that are used today

#### **FORENSIC DNA DATABASES**

Databases must be active and accessible for the function of forensic DNA. Many raise the question of ethics and legality of genetic genealogy websties. A great amount of users face the risk of giving away their privecy unknowingly by subjecting their DNA to lawenforcement who use genetic genealogy websites to find suspects

## **DNA PROFILING**

Lawenforcement look at victims' DNA and on any physical evidence available. After the analysis in a lab, the DNA barcode is compared with exsiting suspects who are already in the database. When a match is found an arrest is issue, otherwise the new DNA barcode is saved into the database until new evidence will present themselves.



































