Abstract

DNA is chemical as well as biological identity or description of human body which is found in everyone’s cell which is unique for every individual except identical twins. DNA is a structure that encodes the genetic instructions used in the development and functioning of all living organisms. DNA is combination of four different chemical compounds (adenine, guanine, cytosine, and thymine) that appear in pairs known as base pairs. Humans have 23 pairs of chromosomes, with two sex chromosomes which decide gender and 22 pairs of chromosomes that dictate other factors. [2,3] DNA Profiling is process which is performed by forensic experts
to portrayal DNA in encrypted sets of letters that reflects person’s DNA makeup, which can be also used as the individual’s identifier. DNA Profiling is used in paternal examination, criminal investigations and also used in genetic engineering. From DNA only that information can be stored into database which is not used to identify any type of mental or physical trait, tendency and disease. [3]

References

- Yuk-Ka Chung, Wing K. Fung, Yue-Qing Hu. Familial database search on two-person mixture.
- Retrospective study of the impact of miniSTRs on forensic DNA profiling to touch DNA sample by Filip Van Nieuwerburgh, David Van Hoofstat, Christophe Van Neste, Dieter Deforce- SCIJUS-00452

Index Terms

Computer Science

Bio-medical
Keywords
Dna Extracting; Short Tandem Repeat; Dna Analysis; Genetic Testing; Rflp; Dna Fingerprinting; Dna; Profiling; Forensic Science.