Introduction

DNA analysis, while a highly discriminating identification technique, is a costly and time consuming process. Together, data processing and interpretation have contributed to a significant increase in backlog that exists in both forensic scenes and databases sample processing at every opinion around the process, while the space that exists in the middle of the process is considered as one of the key components of the forensic science community that is meant to be focused on clinical laboratory analysis. GeneMarker\textsuperscript{\textregistered}, while offering simple analysis and editing procedures along with several options applied during the process, offered the capability of a user-friendly interface.

MATERIALS AND METHODS

Illumina\textsuperscript{\textregistered} was selected as the sequencing platform for future research. Studies with the same research needs are compared to various software systems such as Applied Biosystems\textsuperscript{\textregistered} GeneMarker\textsuperscript{\textregistered} software currently being used by the laboratory. Studies with the same research needs are compared to various software systems such as Applied Biosystems\textsuperscript{\textregistered} GeneMarker\textsuperscript{\textregistered} software currently being used by the laboratory.

DISCUSSION

While both options were tested with the same research needs, software configuration, GeneMarker\textsuperscript{\textregistered} offers several unique analysis options that may be applied at this stage of data analysis. GeneMarker\textsuperscript{\textregistered} allows for manual revision of the entire system, with the capability of a user-friendly interface.