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REVIEWER□S REPORT

Manuscript No.: IJAR-53724 **Date: 08/09/2025**

Title: Comparative Forensic Analysis of Multiple Biological Samples Using VNTR Profiling

Recommendation:
Accept as it is □□✓□□..
Accept after minor revision□□□□
Accept after major revision □□□□□□
Do not accept (*Reasons below*) □□□

Rating	Excel.	Good	Fair	Poor
Originality	✓			
Techn. Quality			✓	
Clarity		✓		
Significance		✓		

Reviewer Name: Sakshi Jaju **Date:** 08/09/2025

Reviewer□s Comment for Publication.

The article explains how VNTR profiling is used in forensic science to analyze DNA from different samples like blood, saliva, and hair. It compares DNA quality, challenges like sample degradation, and explains how modern techniques like STR and mtDNA profiling developed from VNTR methods. It also discusses the importance of DNA profiling in crime investigation and the history of its use in real cases

Strengths:

1. Covers history, methods, and comparison of different DNA profiling techniques.
2. Explains problems like inhibitors and low DNA yield clearly.
3. Helpful for understanding differences between blood, saliva, and hair samples.
4. Mentions how DNA profiling has advanced with newer technologies.

Weaknesses:

1. Some sections have too much technical detail, making it hard for general readers.
2. Only one or two cases discussed; more examples would make it interesting.
3. No diagrams or flowcharts, Visual aids could make methods easier to understand.
4. Statistical parts Could be simplified with examples.

Overall Assessment:

The article is useful for students, researchers, and forensic professionals because it explains VNTR profiling in depth and compares it with modern methods.It would be better if the article had simpler language, more case studies, and visual diagrams for easy understanding.Overall, it is a good reference paper for learning about forensic DNA analysis and its development.

Recommendation:

Manuscript accepted for the publication after minor corrections.