Qeios

Peer Review

Review of: "Optimization of Pre-Sampling Conditions for Salivary Genomic DNA Extraction: A Single-Donor Analysis"

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1. Independent researcher

The manuscript asks a unique question: how a combination of pre-sampling conditions would affect genomic DNA extraction and quality? While the outcome itself is novel and useful, I think the research question is too small to be published. There should be additional research questions that should be clubbed with the current research question. Some of these could be (but not limited to)...

a) Is the extracted DNA fragmented (integrity)? If yes, what is the fragment length range?

b) How would the extracted DNA perform in a downstream analysis such as qPCR or sequencing?

c) How might the inclusion of more conditions such as the amount of toothpaste, timing from brushing, etc., affect the extracted DNA quality?

d) Ratio of Human to Bacterial or Food DNA Following Pre-treatment

e) Storage stability

Declarations

Potential competing interests: No potential competing interests to declare.

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