

Description of Additional Supplementary Files

SUPPLEMENTARY DATA 1: Chemical markers identified by GC-MS in dental calculus samples.

Chemical compounds detected for each individual (except the samples A2, A3, A4, A7, and A9, which did not show significant molecules) were listed alphabetically, excluding n-alkenes and n-alkanes.

SUPPLEMENTARY DATA 2: Amplicon assembled sequences. All sequences obtained from NGS analysis for each sample were reported.

SUPPLEMENTARY DATA 3: Bioinformatics analysis of NGS data. Statistics obtained from raw data (using FastQC v0.11.9), quality control paired end reads, amplicon assembled, and alignment analysis (Nucleotide BLAST) were reported in detail.

SUPPLEMENTARY DATA 4: BLAST matching. Scientific name (species), max score, query coverage, E-value, percentage (%) identity and accession number (GenBank code) of the nucleotide successions that highly matched with respect to matK ancient sequences.