Figures S1 to S4

Figure S1. Age distribution of the modern human sample.
Abbreviations: u, unknown; F, female; M, male

Figure S2. Log-log plots of cortical bone, crown and radicular dentine volumes against total radius length (A, C), and total dentine length (B, D) for all modern humans (n = 61).

Abbreviations: RL, the total radius length (mm); Vcor, the volume of cortical bone for a specific bone portion (mm^3); DL, the total dentine length (mm); Vd, the volume of dentine for a specific dentine portion (mm^3)

Figure S3. Boxplots of the tissue ratios measured in modern young adults (n = 12) aged 20 –29 years and the corresponding modern chimeras (n = 132) of the same age class, and compared using Wilcoxon test.

Abbreviations: HCHIM, modern young adult chimera; sVcor, the scaled volume of cortical bone for a specific bone portion (mm^2); sVd, the scaled volume of dentine for a specific dentine portion (mm^2)

Figure S4. Boxplots of the absolute volumes of cortical bone (1st column), radicular and crown dentine (2nd and 3rd columns respectively), measured in modern subsamples and compared between age groups (A, B, C), ancestries (D, E, F), and sexes (G, H, I). A single asterisk indicates a moderately significant difference (0.01< p-values <0.05) and two or more asterisks indicate highly significant difference (p-values <0.01), according to the Wilcoxon test.

Abbreviations: AF, African ancestry; EU, European ancestry; Vcor, the volume of cortical bone for a specific bone portion (mm^3); Vd, the volume of dentine for a specific dentine portion (mm^3); ns, non-significant Wilcoxon test p-value