

Supplementary Data Legends NCOMMS-19-19512C

Supplementary Data 1. F_{ST} values by pairs of populations.

Supplementary Data 2. Divergence time between pairs of population expressed in Ka .

Supplementary Data 3. IBD shared segments above 7 cM between Mexican Indigenous populations from the North and the rest of the regions.

Supplementary Data 4. IBD shared segments above 7 cM between Mexican Indigenous populations from the Northwest and the rest of the regions.

Supplementary Data 5. IBD shared segments above 7 cM between Mexican Indigenous populations from the Center and the rest of the regions.

Supplementary Data 6. IBD shared segments above 7 cM between Mexican Indigenous populations from the South and the rest of the regions.

Supplementary Data 7. IBD shared segments above 7 cM between Mexican Indigenous populations from the Southeast and the rest of the regions.

Supplementary Data 8. Output f_3 statistics in the form of $f_3(\text{ancient genome, tested population; Yoruba})$.