



Supplementary Fig. S3 Combined box plots display the distribution of three population genetics statistics (D_{XY} : between-population genetic differentiation; π : nucleotide diversity; F_{ST} : population differentiation coefficient) across chromosomes 1–12. Each panel corresponds to a single statistic, and each box represents the value distribution for one chromosome, showing the median (inner horizontal line), interquartile range (box), and outliers (points outside the box). The y-axis scale is set independently according to the value range of each statistic. D_{XY} and π are absolute values, while F_{ST} is a relative value ranging from 0 to 1. This plot can be used to compare patterns of genetic diversity and differentiation across different chromosomes.