



**Supplementary Fig. S4** Distribution of the inbreeding coefficient ( $F_{ROH}$ ) across 35 populations. The inbreeding coefficient ( $F_{ROH}$ , expressed as a percentage) was calculated based on runs of homozygosity (ROH) longer than 10 kb. The box represents the interquartile range (IQR; 25th–75th percentiles), the horizontal line inside the box indicates the median, whiskers extend to  $1.5 \times$  IQR, and individual data points are plotted as dots.