

**Figure S3. Eigenstrat analysis of population structure.** The plot shows the first two eigenvectors of genotypic variance for the three Moroccan populations (red, urban; blue, rural; brown, nomads). Only the first eigenvector is significant ( $P < 0.0006$ , Tracy-Widom test); it distinguishes three individuals within the urban sample as indicated in the figure. The second eigenvector suggests a separation of the nomads and villagers, but it is only marginally significant ( $P < 0.0167$ ) and explains only a very small proportion of the genotypic variance. Each square represents one of the 24 individuals who were genotyped.

