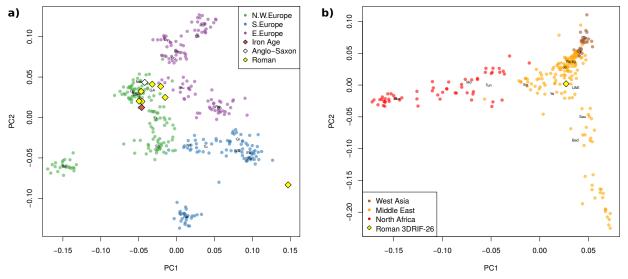


Supplementary Figure 8 - Principal Component Analysis of ancient individuals merged with genotypes from 780 European, West Asian, North African and Middle Eastern individuals using reads with evidence of deamination (PMD score 3).

Population key: Ad - Adygei; Ar - Armenian; Ba - Basque; Bed - Bedouin; Be - Belorussian; Bu - Bulgarian; Ch - Chuvash; Cy - Cypriot; Dr - Druze; Ea - EastSicilian; Eg - Egyptian; En - English; Fi - Finnish; Fr - French; Ge - Georgian; GA - GermanyAustria; Gr - Greek; Hu - Hungarian; Ira - Iranian; Ir - Ireland; Jo - Jordanian; Le - Lezgin; Li - Lithuanian; Mo - Moroccan; Moz - Mozabite; NIt - NorthItalian; Nor - Norwegian; Or - Orcadian; Pa - Palestinian; Po - Polish; Ro - Romanian; Ru - Russian; Sa - Sardinian; Sau - Saudi; Sc - Scottish; So - SouthItalian; Sp - Spanish; Sy - Syrian; Tun - Tunisian; Tk - Turkish; Tu - Tuscan; UAE - UAE; We - Welsh; WS - WestSicilian; Ye - Yemeni.



Supplementary Figure 9 - Principal Component Analysis of **a)** ancient individuals merged with genotypes from European populations only. Note that 3DRIF-26 is outside present-day European variation, but in closer proximity to southern European populations. **b)** 3DRIF-26 and Middle Eastern populations.