

Analysis	Region	Number of PCA outliers	Sample ID of PCA outliers	Population
Fig. 1	Worldwide	0	-	-
Fig. 2	Europe	2	POPR26466 POPR48136	Portugal (PT) Portugal (PT)
Fig. 3	Sub-Saharan Africa	2	AFH7 AFH10	Hema Hema
Fig. 4	Asia	11	HGDP00057 HGDP00060 HGDP00013 HGDP00029 HGDP00130 HGDP00139 HGDP00150 HGDP00154 HGDP00157 HGDP00173 HGDP00175	Balochi Balochi Brahui Brahui Makrani Makrani Makrani Makrani Makrani Sindhi Sindhi
Fig. 5	East Asia	7	F066579 F066599 F066607 F066612 HGDP01243 HGDP00949 HGDP00953	Thai Thai Thai Thai Xibo Yakut Yakut
Fig. 6	Central/South Asia	10	HGDP00057 HGDP00013 HGDP00029 HGDP00130 HGDP00150 HGDP00151 HGDP00154 HGDP00157 HGDP00173 HGDP00175	Balochi Brahui Brahui Makrani Makrani Makrani Makrani Makrani Sindhi Sindhi
Fig. S3B	Sub-Saharan Africa	4	AFH7 AFH10 NA21417 NA21596	Hema Hema Maasai (MKK) Maasai (MKK)
Fig. S3C	Sub-Saharan Africa	2	AFH7 AFH10	Hema Hema
Fig. S3D	Sub-Saharan Africa	3	AFH7 AFH10 NA21417	Hema Hema Maasai (MKK)
Fig. S3E	Sub-Saharan Africa	4	AFH7 AFH10 NA21417 NA21596	Hema Hema Maasai (MKK) Maasai (MKK)
Fig. S3F	Sub-Saharan Africa	2	NA21417 TSW25	Maasai (MKK) Sotho/Tswana
Fig. S3G	Sub-Saharan Africa	1	NA21417	Maasai (MKK)

Table S11: Samples identified as PCA outliers in the analyses for different geographic regions. Note that AFH7 and AFH10, which appeared as PCA outliers in most of the Sub-Saharan African examples, are likely to be relatives based on allele-sharing analysis (results not shown).