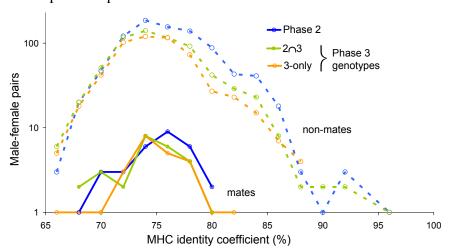
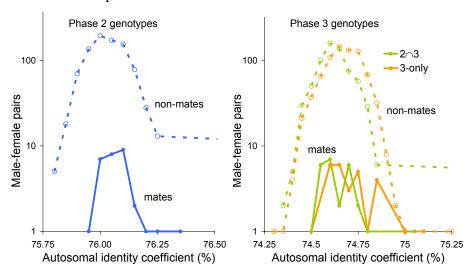
Text S5. Analysis of Hap2∩3 couples with Hap2 and Hap3 genotypes

Because two sets of SNPs (Hap2 and Hap3) underlie identity coefficients plotted in Figure 2 and Figure 3, coefficients based on Hap3 data for couples present in both phases $(2 \cap 3)$ are shown in Supporting Figure 7:

a. European couples



b. Yoruban couples



Supporting Figure 7. Identity coefficients of HapMap couples. Distributions of coefficients based on Hap3 genotypes are similar for couples also present in Hap2 ($2 \cap 3$) and those unique to Hap3 (3-only). Coefficients were based on unphased genotypes, MAF $\geq 1\%$, and het-het=100%. Autosomal identity coefficients were lower in Phase 3 because fewer SNPs with low minor allele frequencies were genotyped.