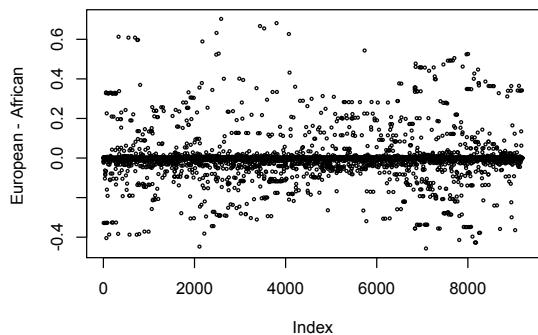
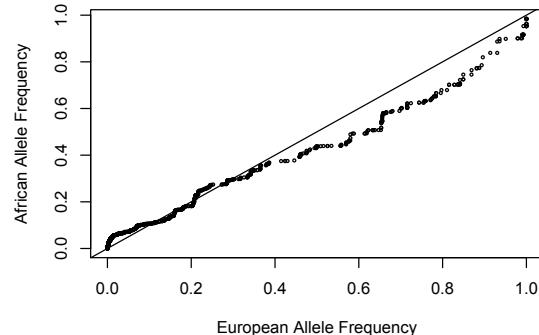


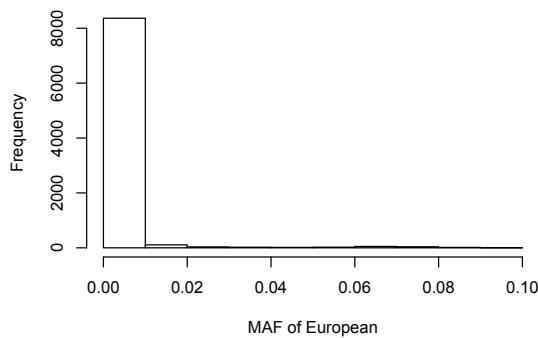
1-A Allele Frequency Difference of European and African



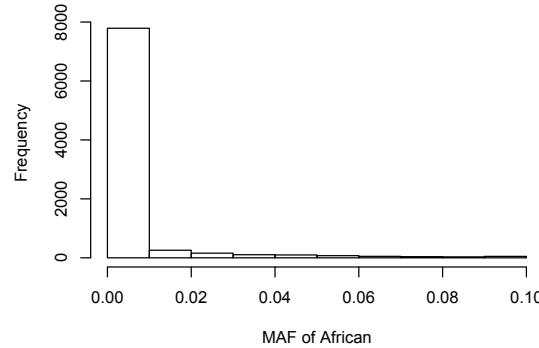
1-B. QQ Plot



1-C. Histogram of MAF of European Population



1-D. Histogram of MAF of African Population



Supplementary Figure 1: Allele frequency distribution in simulated European and African populations. 1-A: Allele frequency difference of European versus African populations; 1-B: QQ plot of African allele frequencies versus European allele frequencies; 1-C: Histogram of minor allele frequency in European population; 1-D: Histogram of minor allele frequency in African population.