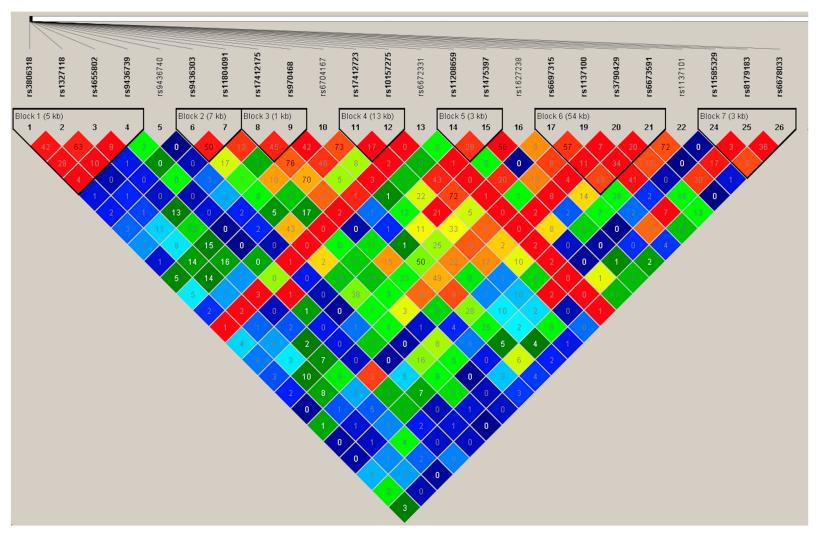
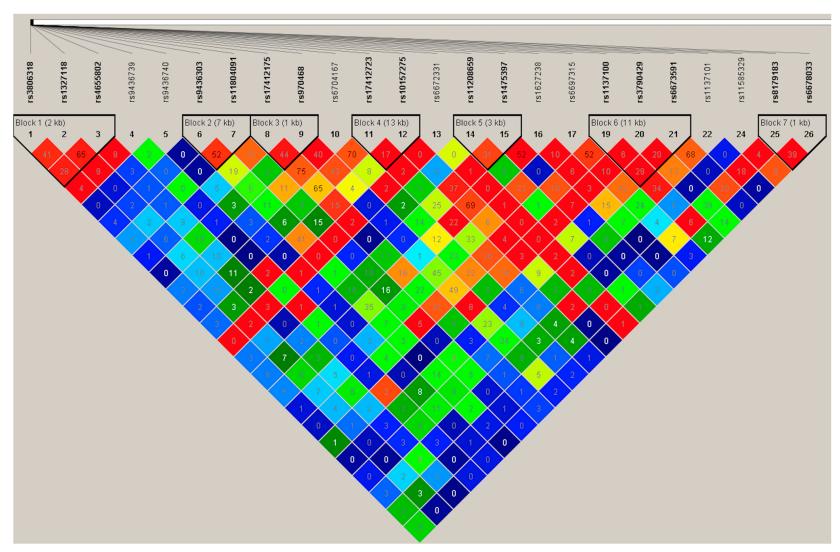
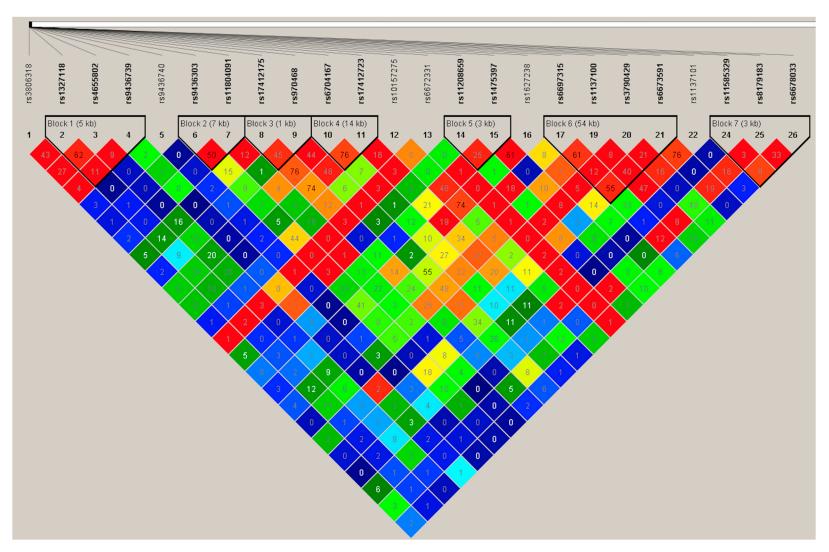
## **Supplementary Material**



**Figure S1.** Linkage disequilibrium structure in terms of  $r^2$  of the 26 genotyped *LEPR* polymorphisms in the whole studied population



**Figure S2.** Linkage disequilibrium structure in terms of  $r^2$  of the 26 genotyped *LEPR* polymorphisms in Spanish girls



**Figure S3.** Linkage disequilibrium structure in terms of  $r^2$  of the 26 genotyped *LEPR* polymorphisms in Spanish boys.