

Supplementary Materials

Association of PXR and CAR Polymorphisms and Antituberculosis Drug-Induced Hepatotoxicity

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Running title: PXR, CAR polymorphisms and risk of ATDH

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Legends

Table S1: Characteristics of the SNPs in this study.

Table S2: SNP-SNP interaction analyzed with MDR.

Table S3: Primer and probe information for the 13 tagSNPs detected by improved multiplex ligation detection reaction (iMLDR).

Fig. S1: Statistical power of each SNP in PXR. The power was calculated by Power and Simple Size Calculation Software.

Fig. S2: Statistical power of each SNP in CAR. The power was calculated by Power and Simple Size Calculation Software.

Fig. S3: Linkage disequilibrium (LD) plots for the SNPs between 3000bp upstream and 300bp downstream of PXR based on the Chinese Beijing Han HapMap population. (A) The D' LD measure and (B) the r^2 LD measurement. The strength of the LD between SNPs is indicated by the color scheme, measured using D' and r^2 statistics.

Fig. S4: Linkage disequilibrium (LD) plots for the SNPs between 3000bp upstream and 300bp downstream of CAR based on the Chinese Beijing Han HapMap population. (A) The D' LD measure and (B) the r^2 LD measurement. The strength of the LD between SNPs is indicated by the color scheme, measured using D' and r^2 statistics.

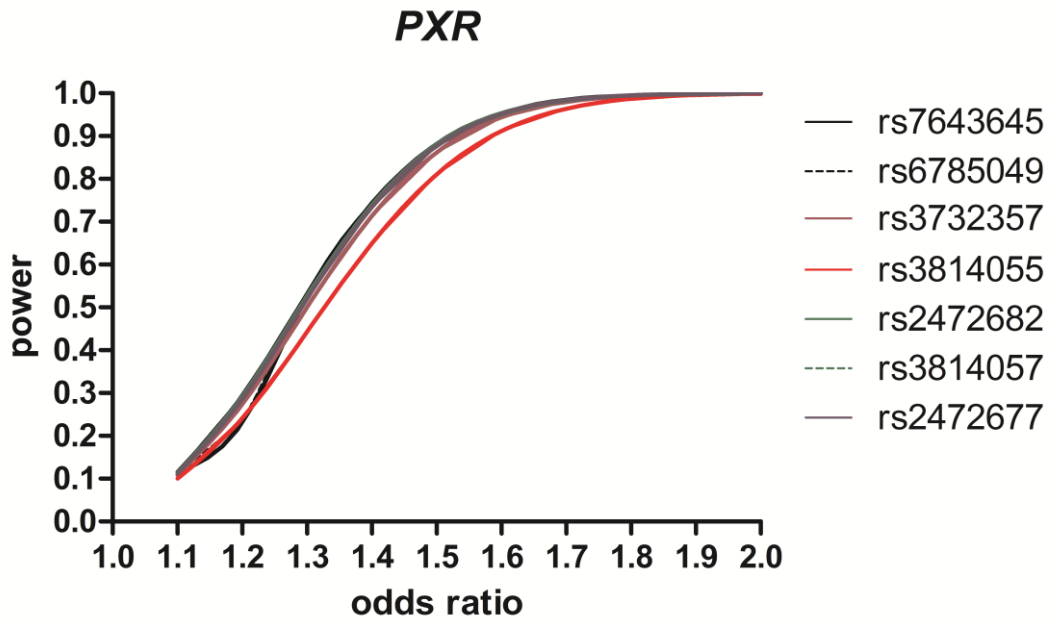


Fig. S1: Statistical power of each SNP in *PXR*. The power was calculated by Power and Simple Size Calculation Software.

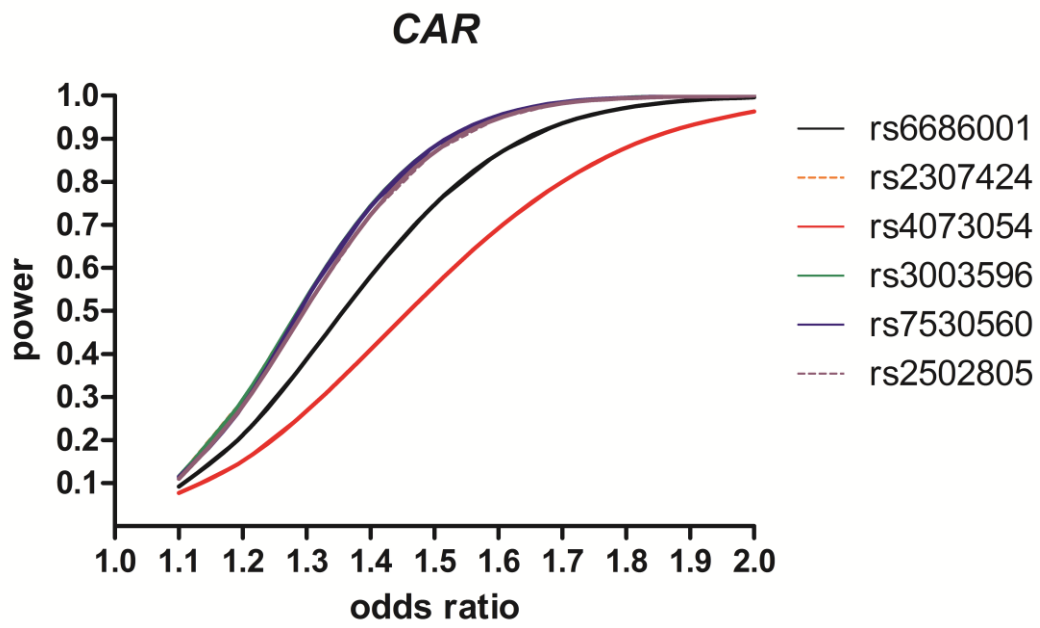


Figure S2: Statistical power of each SNP in *CAR*. The power was calculated by Power and Simple Size Calculation Software.

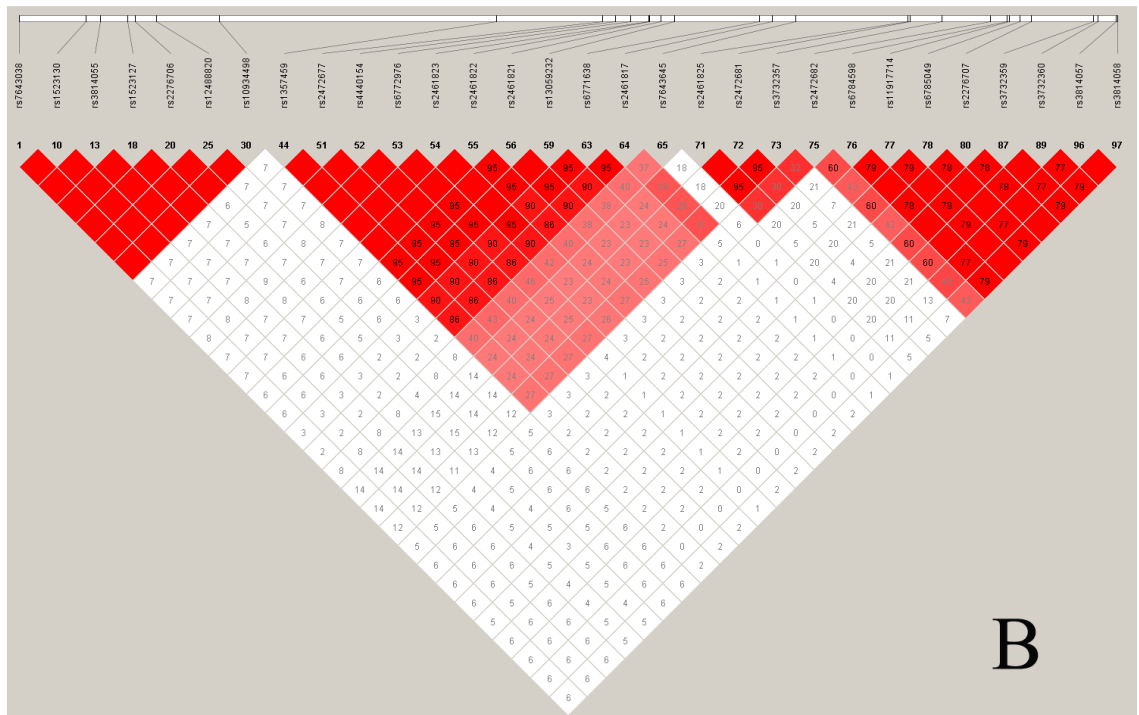
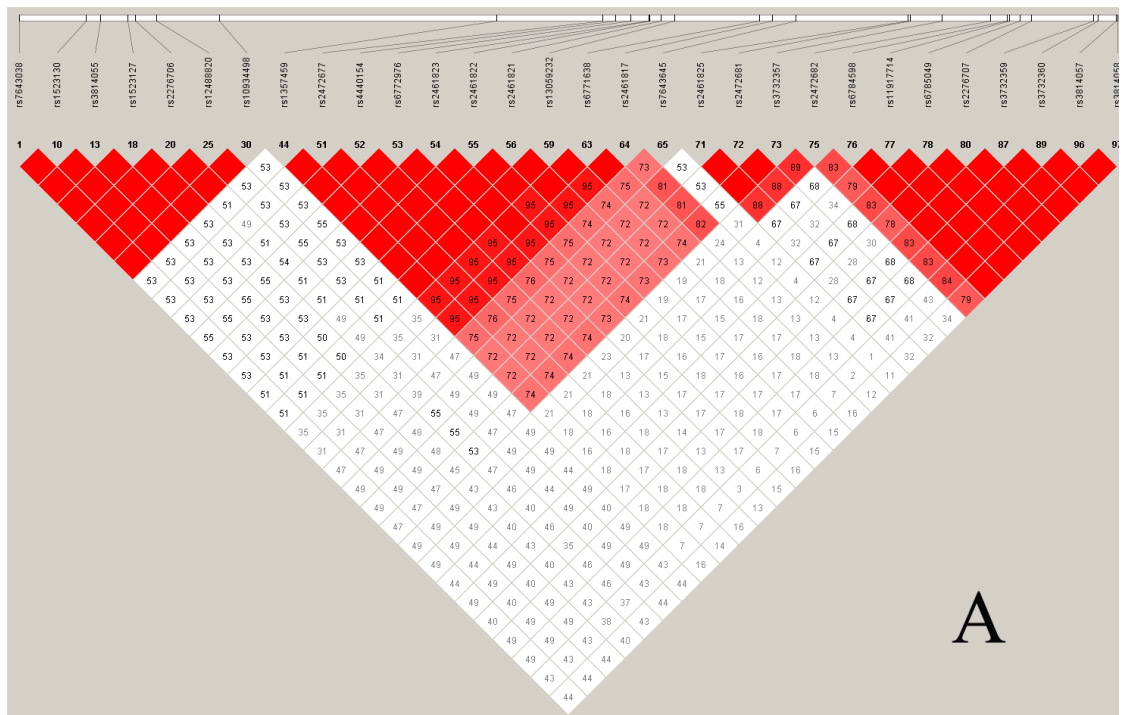


Figure S3: Linkage disequilibrium (LD) plots for the SNPs between 3000bp upstream and 300bp downstream of *PXR* based on the Chinese Beijing Han HapMap population. (A) The D' LD measure and (B) the r^2 LD measurement. The strength of the LD between SNPs is indicated by the color scheme, measured using D' and r^2 statistics.

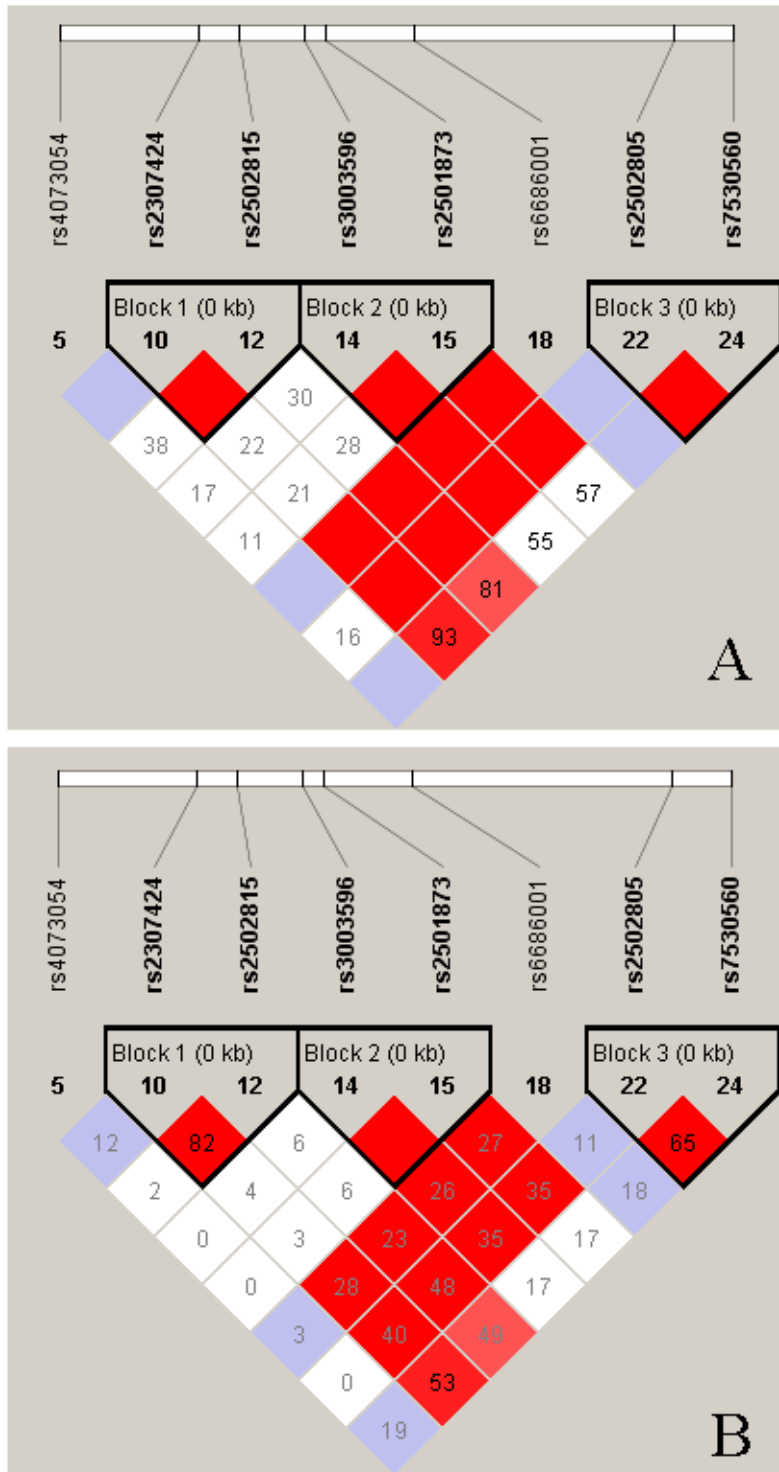


Figure S4: Linkage disequilibrium (LD) plots for the SNPs between 3000bp upstream and 300bp downstream of *CAR* based on the Chinese Beijing Han HapMap population. (A) The D' LD measure and (B) the r^2 LD measurement. The strength of the LD between SNPs is indicated by the color scheme, measured using D' and r^2 statistics.