



Figure S9. Enrichment of AHR-ARNT PWM to SNPs in LD with CARDIOGRAM+C4D GWAS lead SNPs.

Compared to control PWM, HNF1A and HNF1B, significantly higher proportion of PWM binding sites for AHR-ARNT co-localized to CARDIOGRAM+C4D GWAS lead SNPs plus SNPs in LD defined with $r^2 > 0.8$ (statistical test, Z score=3.04, $p < 0.005$).

Similar trend was observed for both, low and high stringency cut-offs for ARNT-AHR PWM matrix. In total, 456 ARNT-AHR sites overlap CARDIOGRAM SNPs (lead plus LD $D' > 0.8$).