



**Figure S4. Proportion of variance explained by genotype on Chr10.**  
Proportion of variance explained (PVE) by genotype on chromosome 10 (chr10) in males and females. To test for the PVE, the number of males and females were matched (n = 274). We tested all genes on chr10 and genes with a cis-eQTL (Bonferroni adjusted P- value < 0.05). Unlike on the X Chromosome, there is no significant difference in the PVE for males and females for all genes (Wilcoxon-rank-sum P-value = 0.557) and all cis- eQTL genes (Wilcoxon-rank-sum P-value = 0.686).