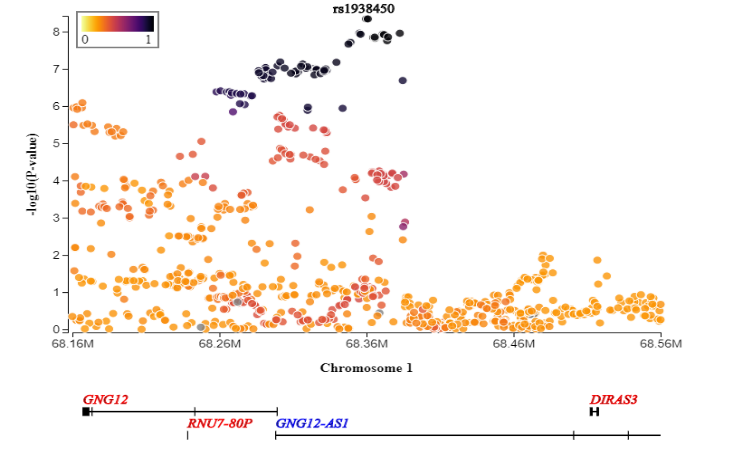
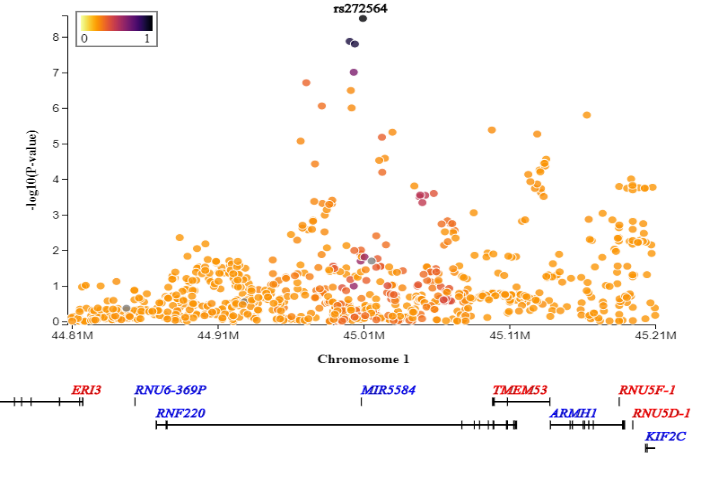
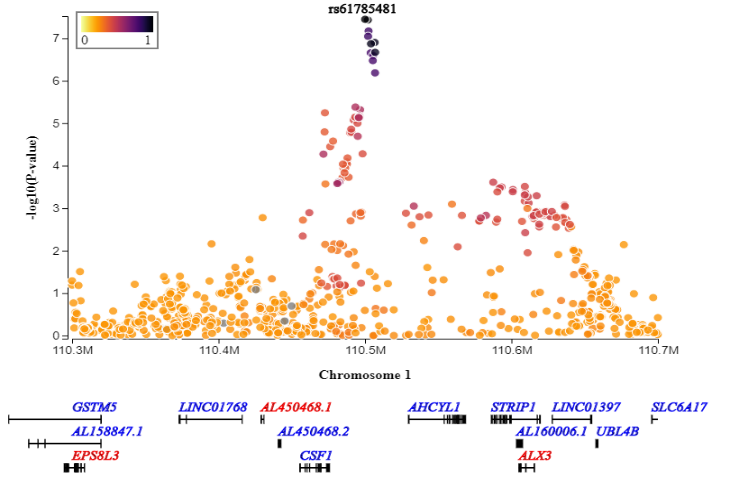
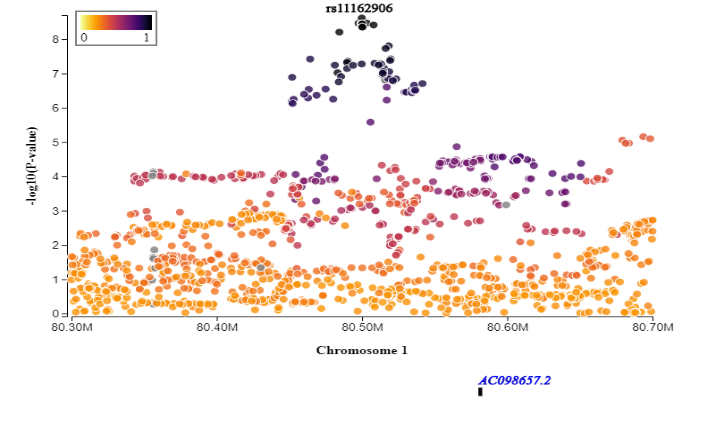
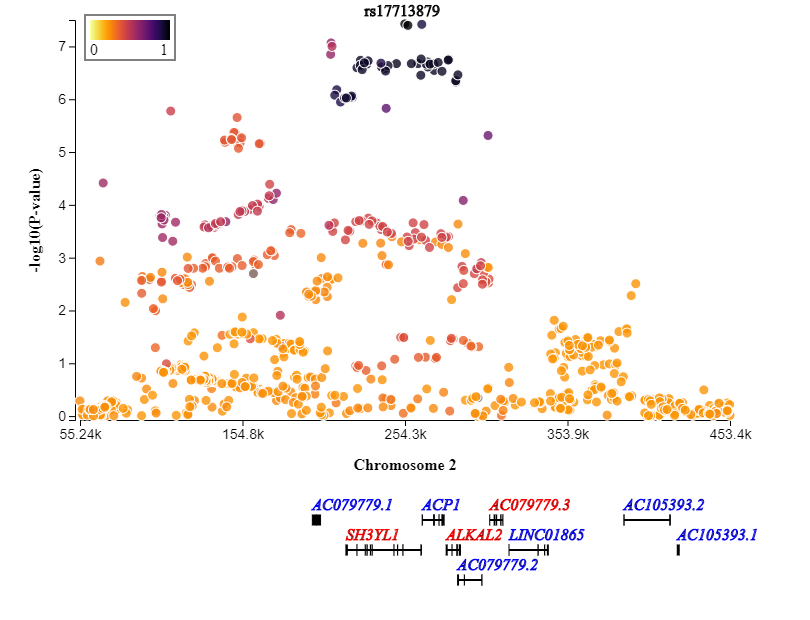
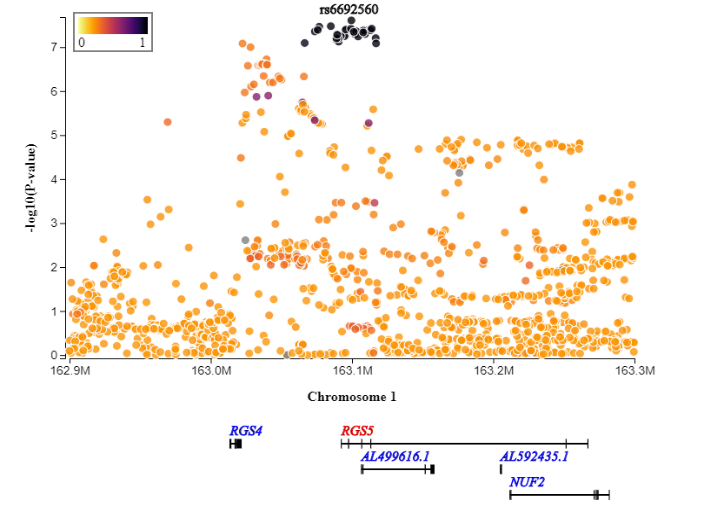
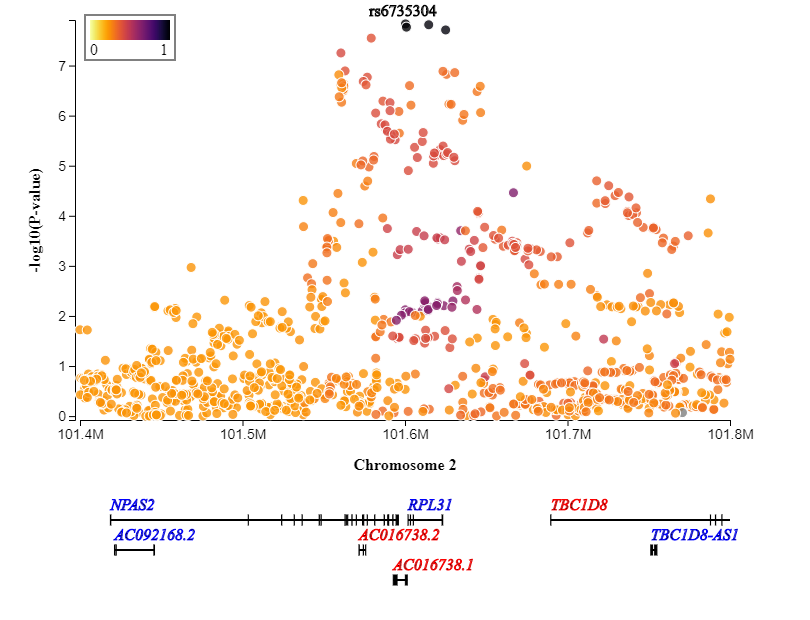
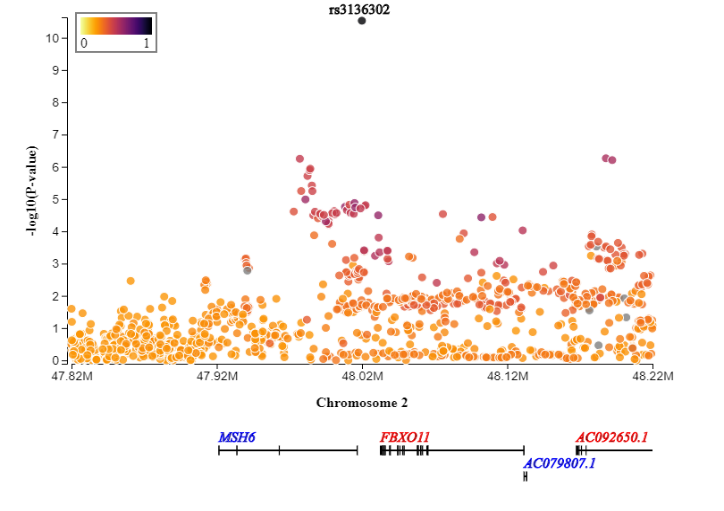
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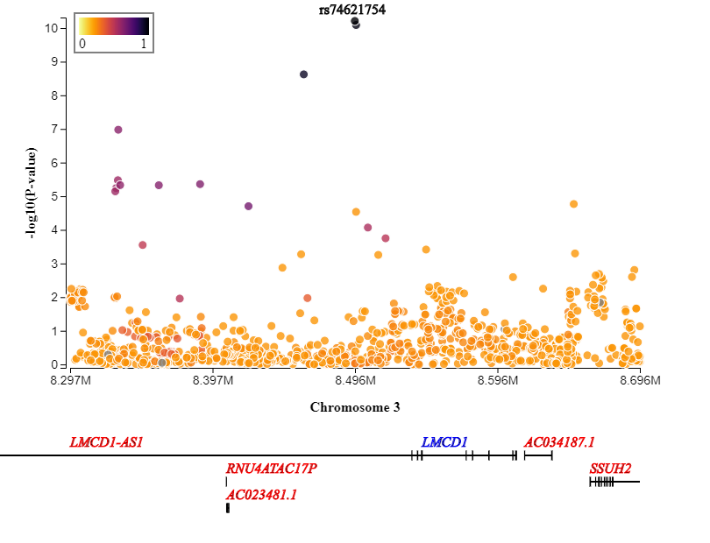
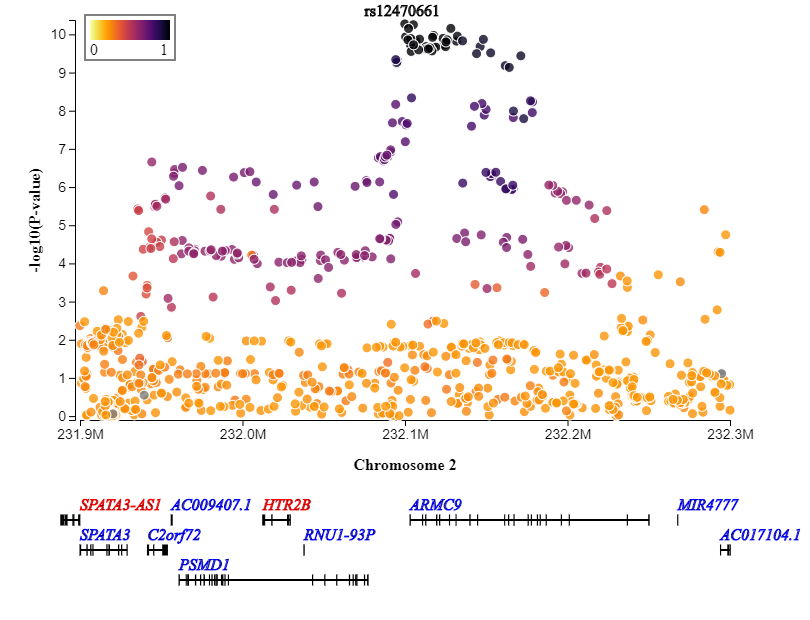
Supplementary Figure 1. Locus zoom plots for 35 novel loci (selected from Table 1)

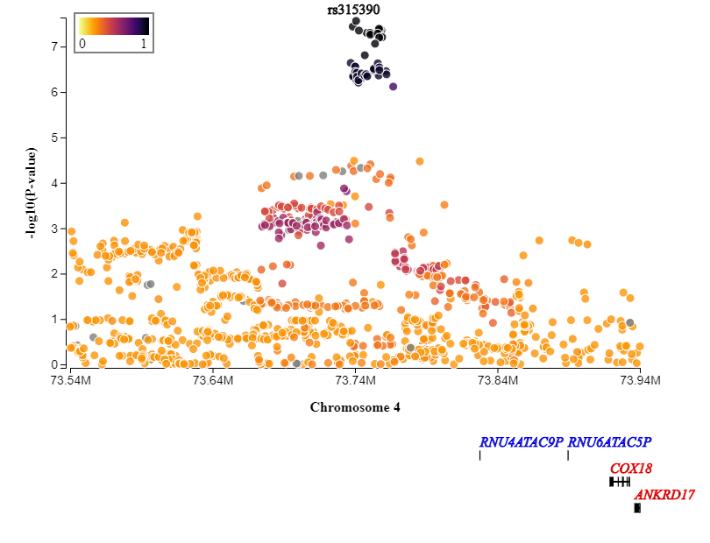
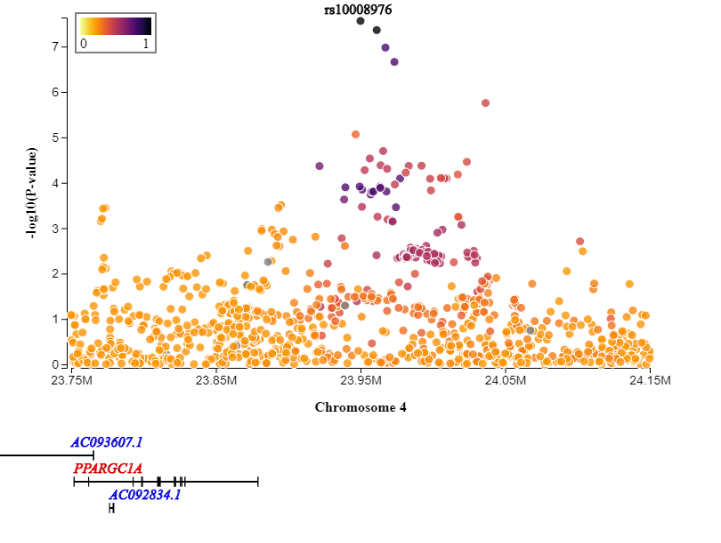


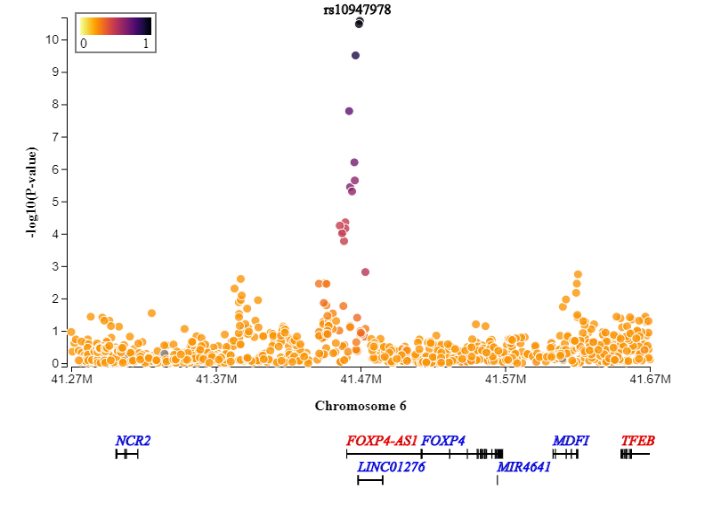
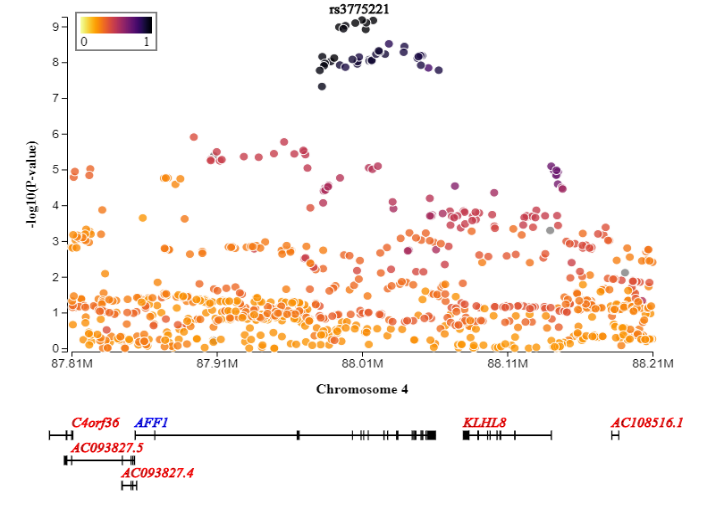


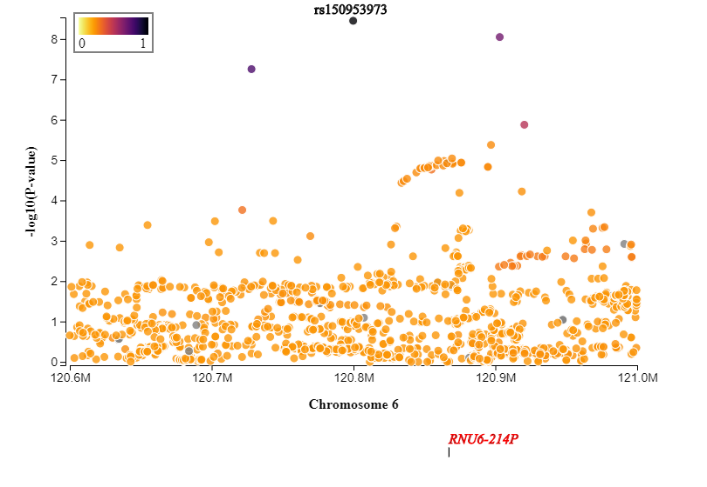
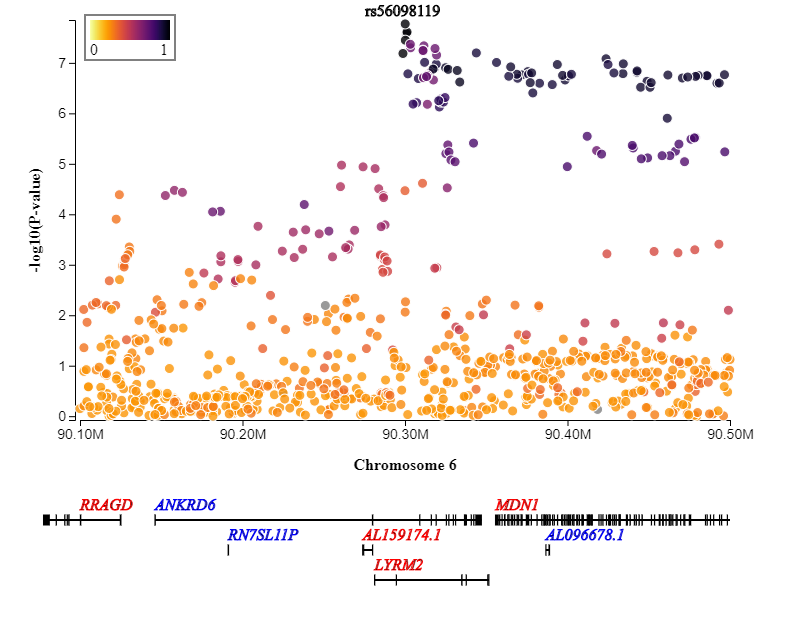


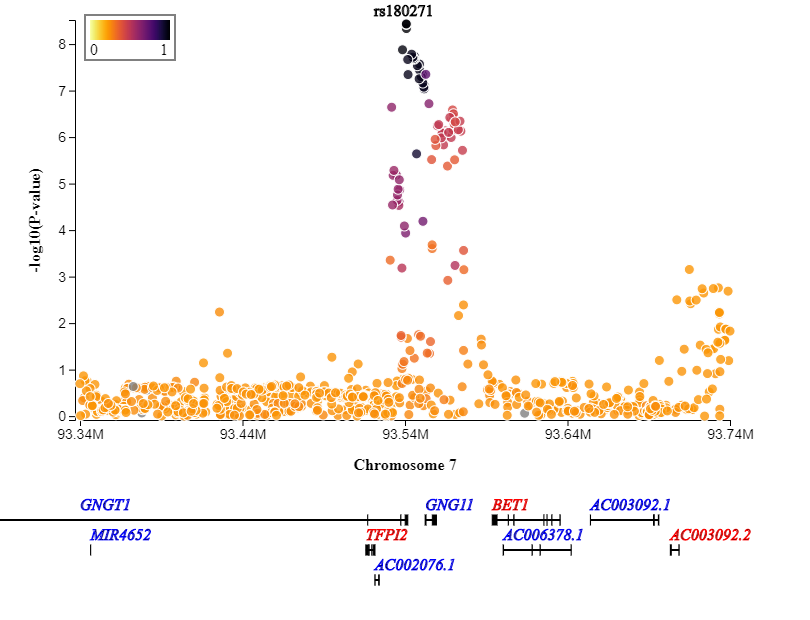
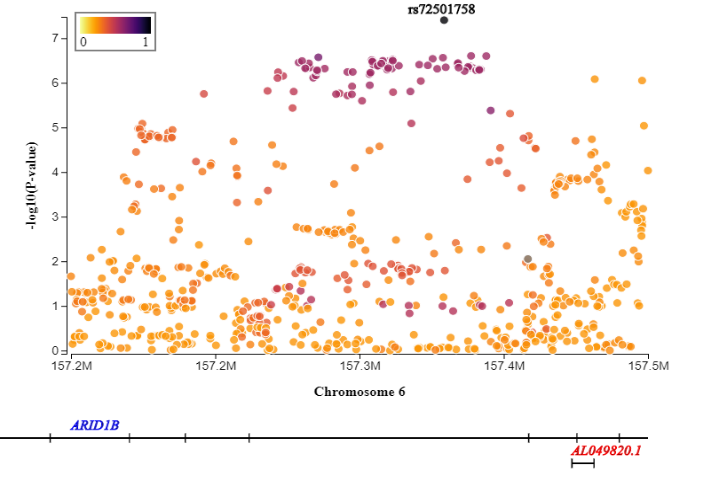


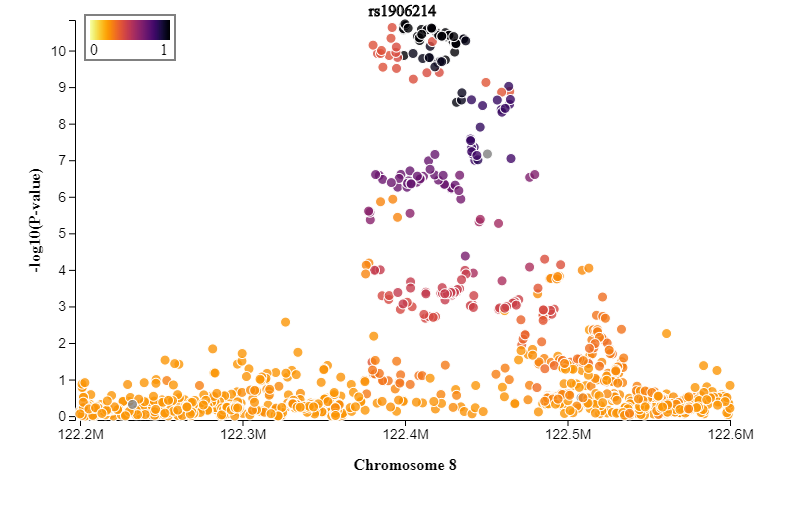
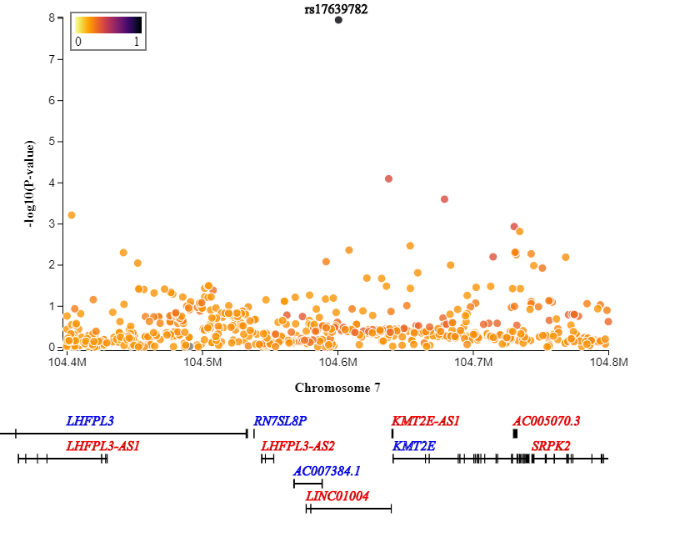


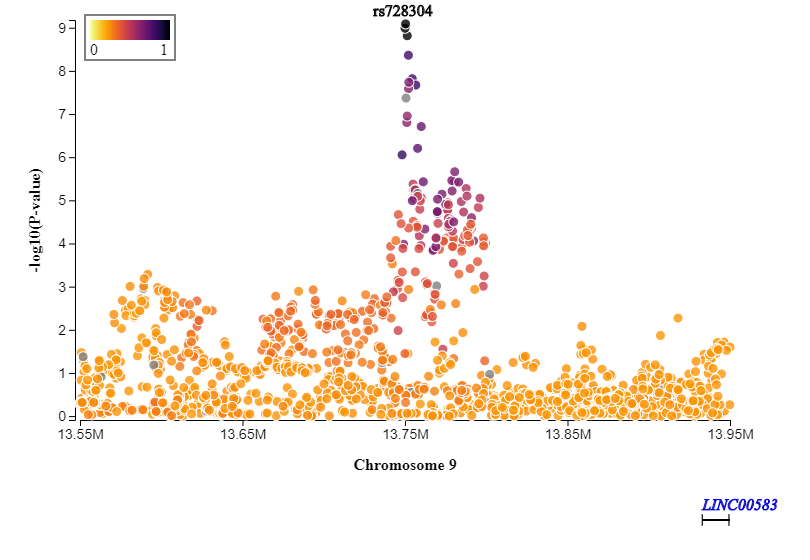
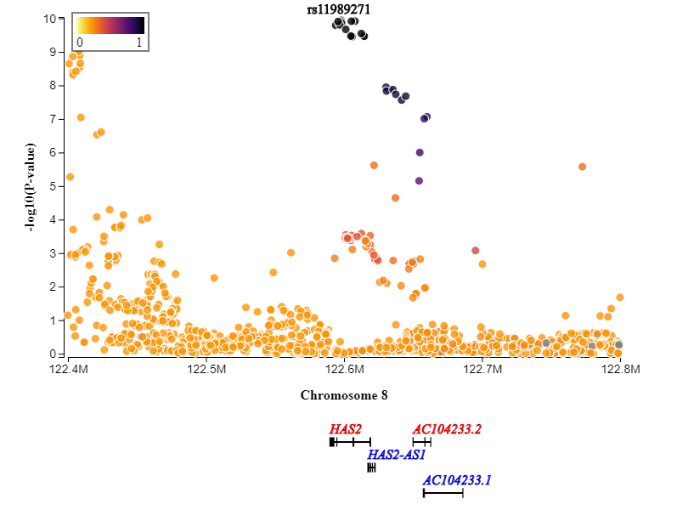


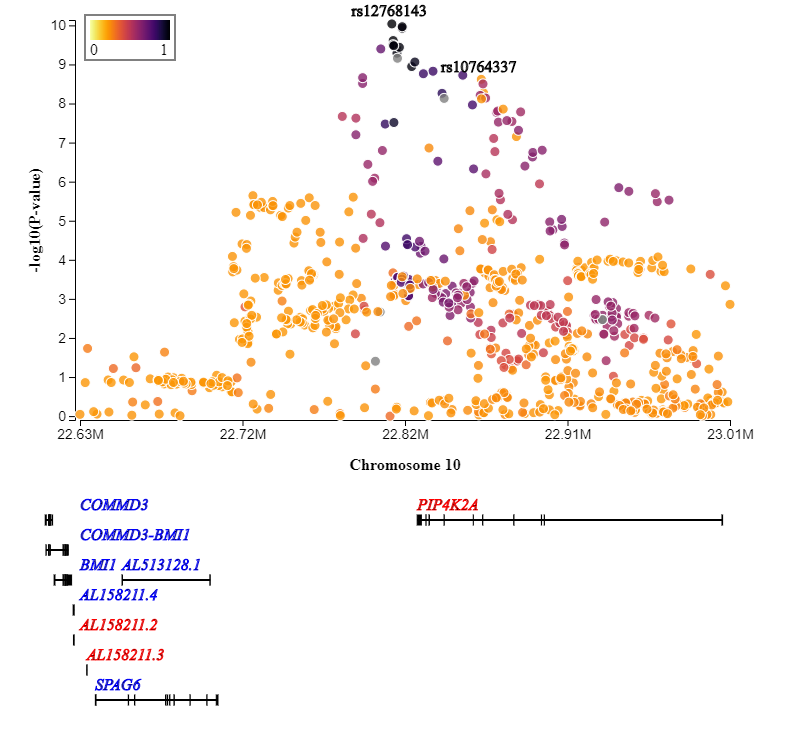
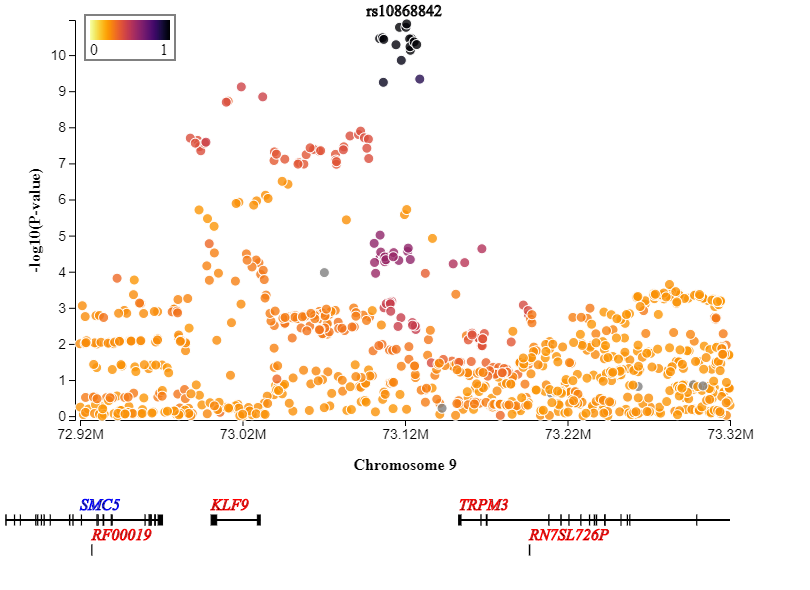


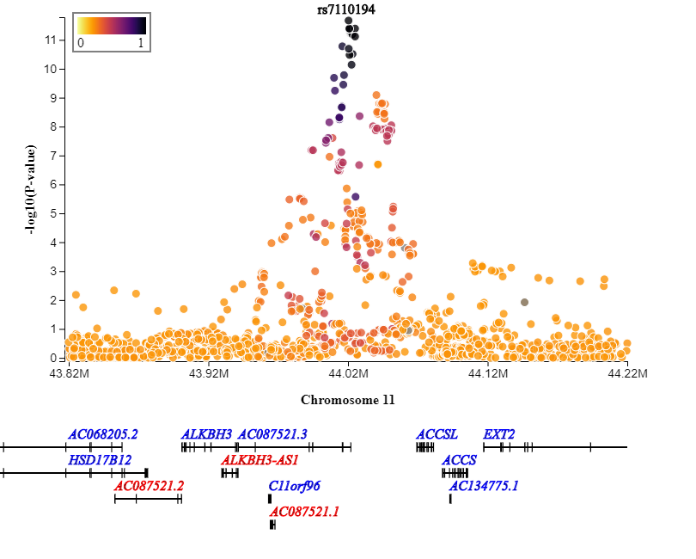
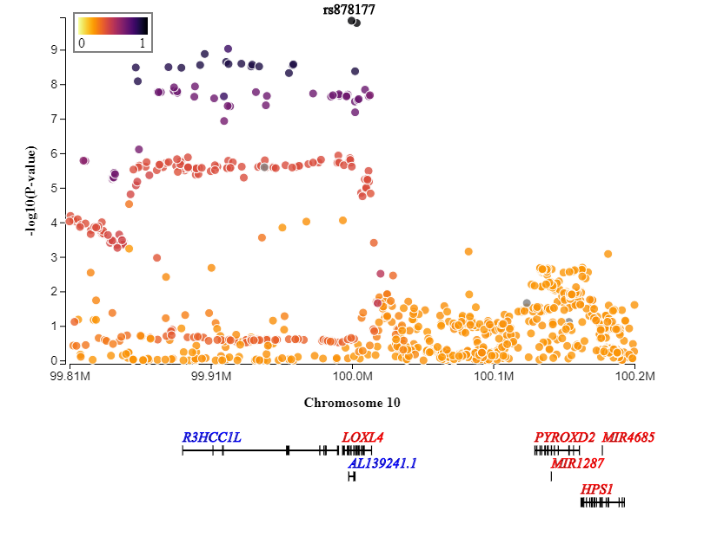


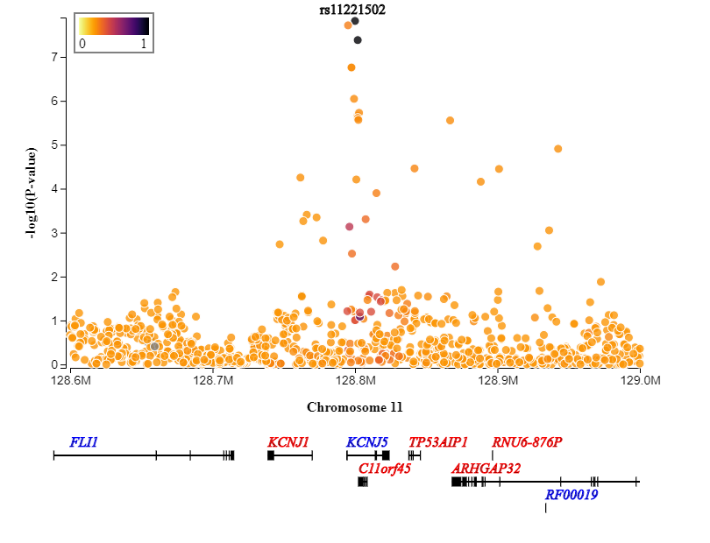
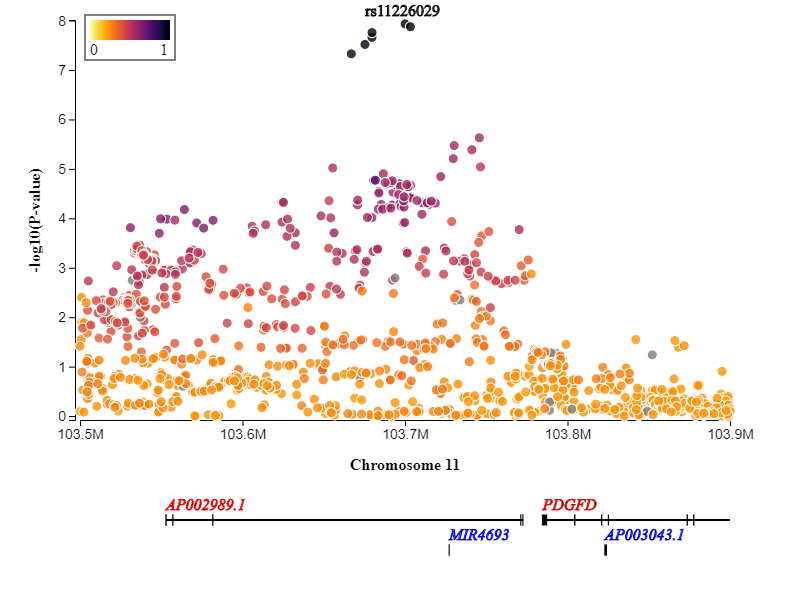


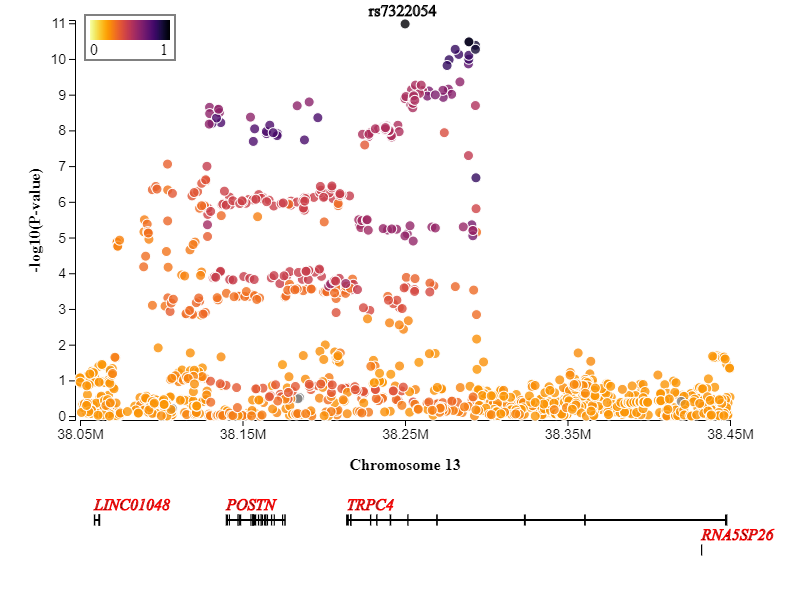
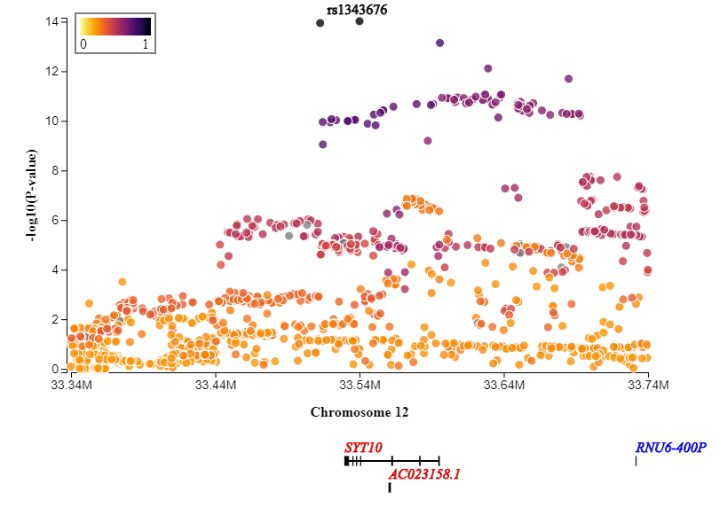


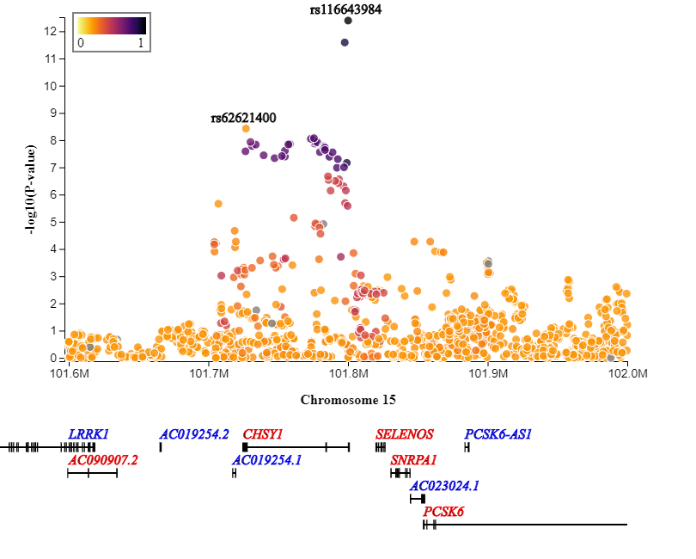
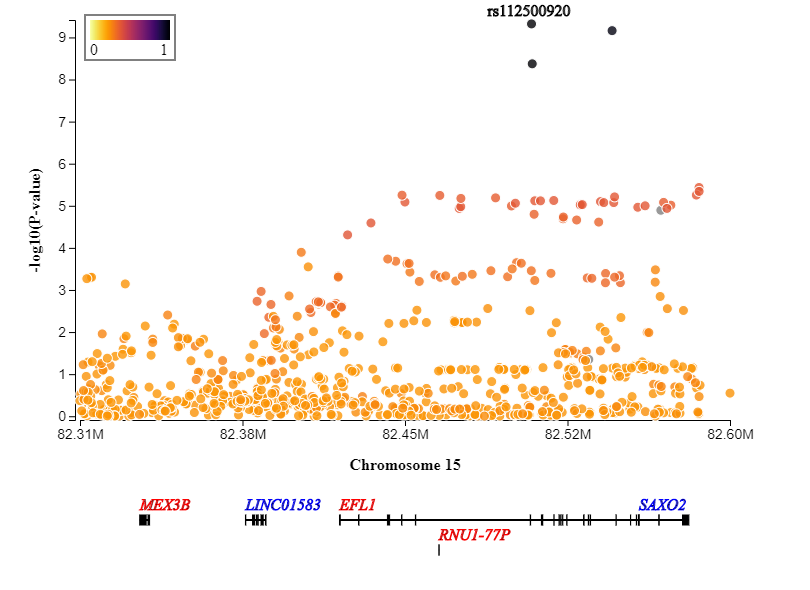


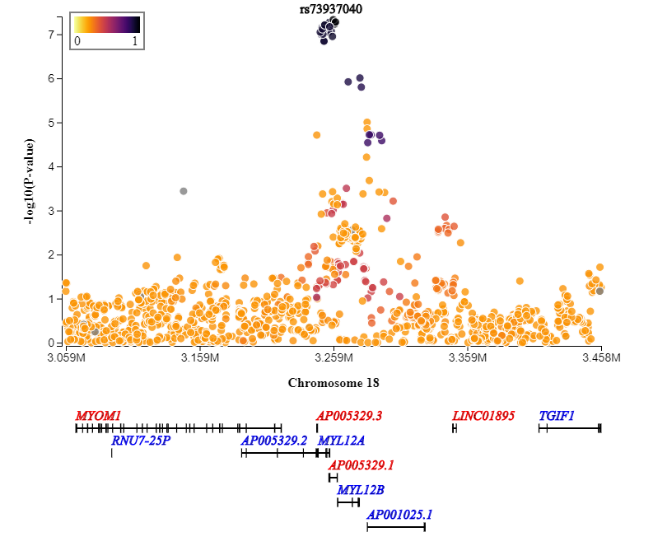
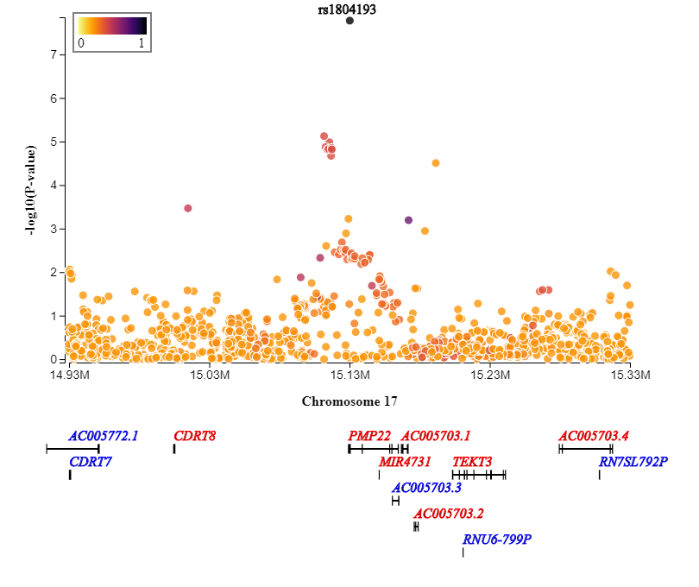


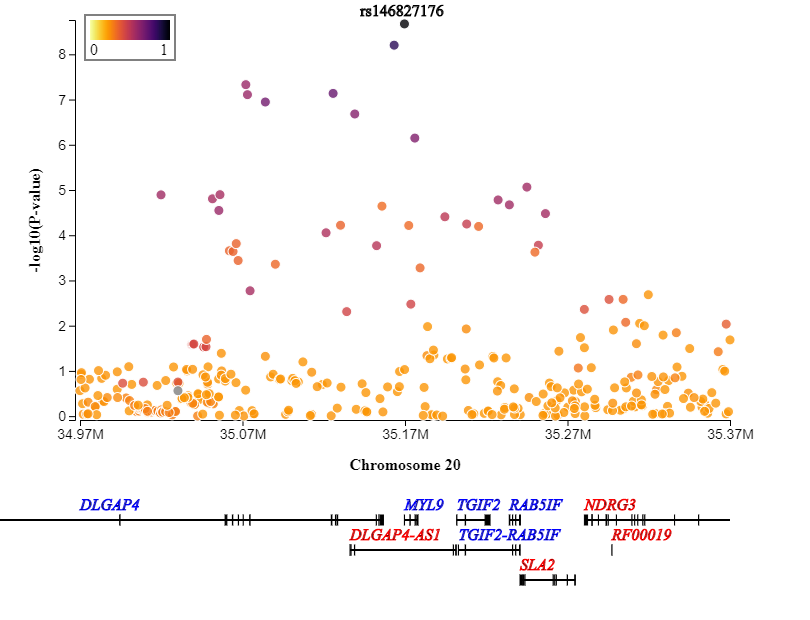








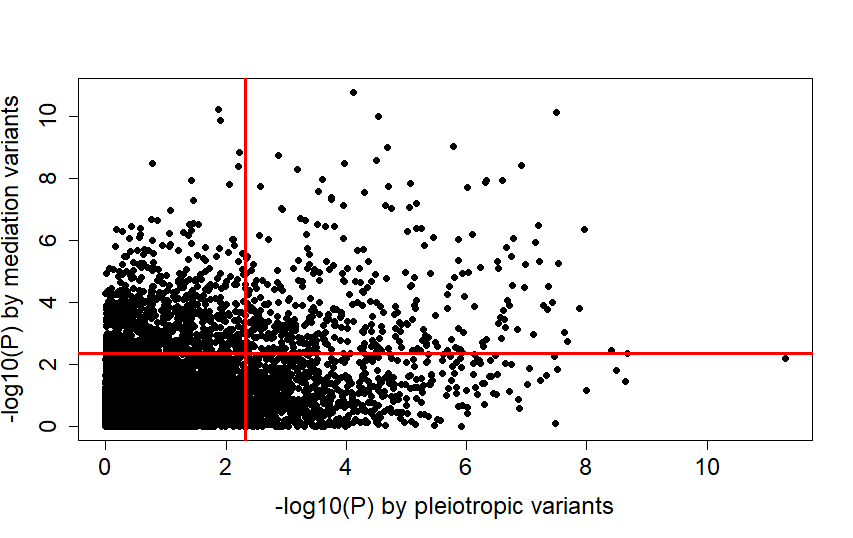




Supplementary Figure2. A. Tissue enrichment correlation using mediation and pleiotropic variants. Each dot represents a tissue. Above the red horizontal line are the tissues enriched by mediation evidence with FDR<5%. The points falling in the right side of the red vertical line are the tissues enriched by pleiotropy. (correlation=0.78)



Supplementary Figure 2. B. Pathway enrichment correlation using mediation and pleiotropic variants. Each dot represents a gene set pathway. Above the red horizontal line are the pathways enriched by mediation evidence with FDR<5%. The points falling in the right side of the red vertical line are the pathways enriched by pleiotropy evidence. (Spearman Rank correlation=0.552, -log10(P) Pearson correlation=0.478)



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