On the X-axis genomic positions of SNPs aligned to NCBI genome build 36, chromosome borders are designated by changing dot colors. On the Y-axis $-\log_{10}(p$ values) for association between SNP genotype and disease status as obtained from logistic regression analyses in the GWAS discovery set. The dotted line indicates the threshold for genome-wide significance ($p=5\times10^{-8}$). GWAS, genome-wide association study.