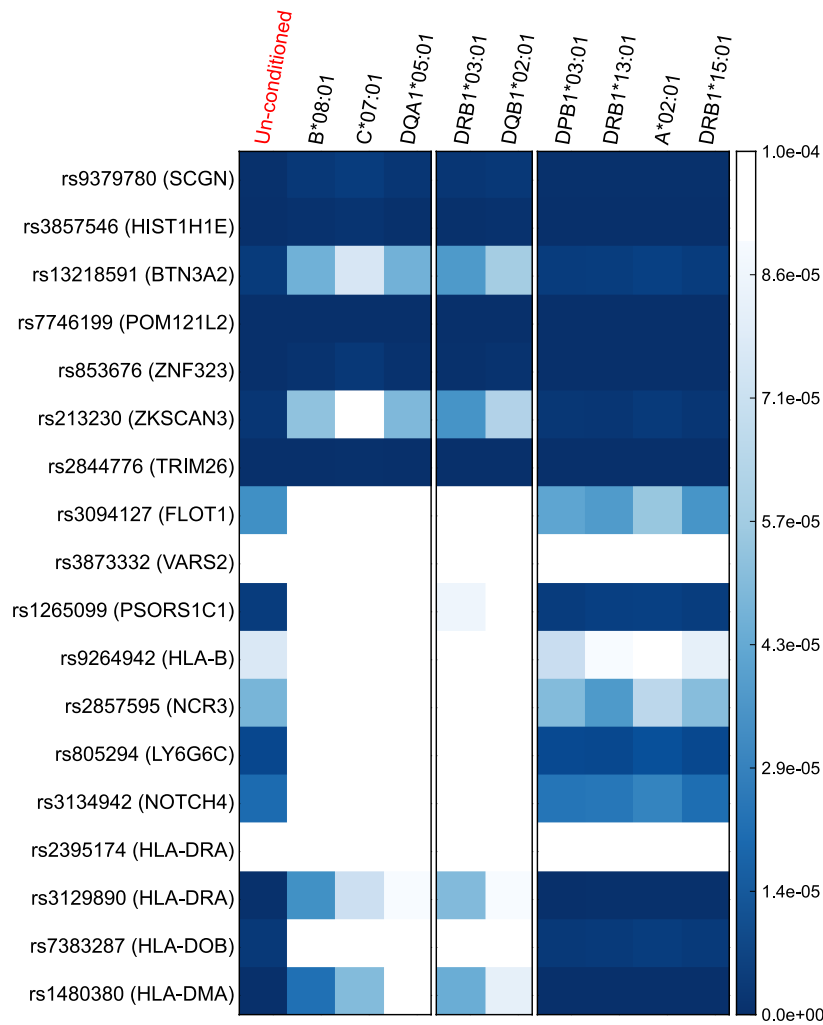


## Supplementary Figure 5



The association of the SNPs (y axis) with SCZ was investigated by logistic regression with study indicator variables and the first 5 principal components as covariate, without conditioning (Un-conditioned) and conditioning on each HLA allele (x axis) separately. The p-values were coded by saturation of colors and p-values larger than  $10^{-4}$  were set to white color. The left panel shows HLA-alleles associated with SCZ (p-value  $< 7.8 \times 10^{-4}$ ), the middle panel shows HLA-allele associated with both SCZ and MS (reported by others) and the right panel shows HLA-allele associated with MS only. The symbols of genes close to each SNP are listed in parenthesis.