S2 Figure. Manhattan plots.
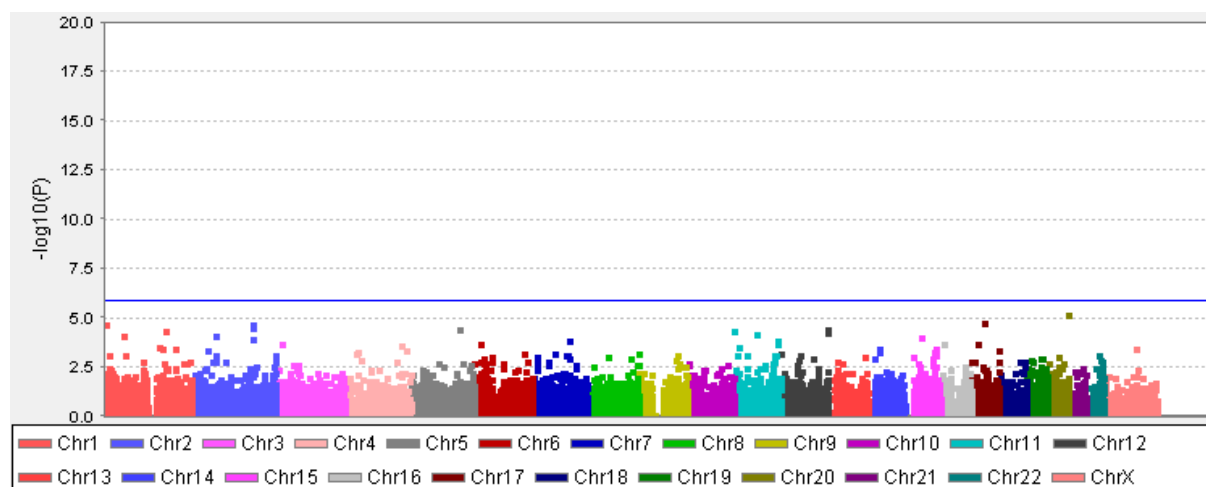

Figure A. Manhattan plot of the Fisher's exact test association p-values for the single variant analyses with MAF ≥1.0%. Chromosomes are shown on the x-axis. On the y-axis, the –log 10 of the *p*-value is shown. The blue line represents the threshold for significance after Bonferroni correction for 36,032 variants ($1.39*10^{-6}$, which corresponds to a value of 5.86). Variants above this line are considered statistically significant.
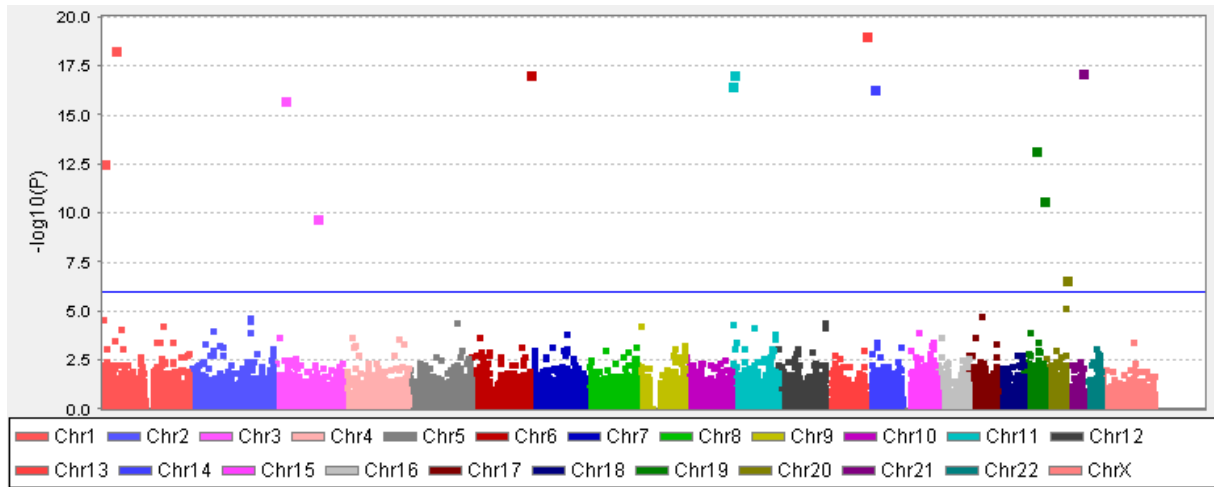
Figure B. Manhattan plot of the Fisher's exact test association p-values for the single variant analyses with MAF ≥0.4%. Chromosomes are shown on the x-axis. On the y-axis, the –log 10 of the *p*-value is shown. The blue line represents the threshold for significance after Bonferroni correction for 43,653 variants (1.15*10^{-6}, which corresponds to a value of 5.94). Variants above this line are considered statistically significant.