



Genetic variants and their p-values: GALC ( $7.5 \times 10^{-1}$ ), GPR65 ( $9.8 \times 10^{-3}$ ), KCNK10 ( $2.8 \times 10^{-6}$ ), SPATA7 ( $3.8 \times 10^{-1}$ ), PTPN21 ( $2.8 \times 10^{-6}$ ), ZC3H14 ( $2.8 \times 10^{-6}$ ), EML5 ( $5.5 \times 10^{-1}$ ), TTC8 ( $2.1 \times 10^{-1}$ ), FOXN3 ( $1.3 \times 10^{-3}$ ), TDP1 ( $4.0 \times 10^{-1}$ ).

