

## Supplementary Figure 1. Study design flow diagram

Abbreviation: DSM-IV: The Diagnostic and Statistical Manual of Mental Disorders, Fourth edition; ADI-R: The Autism Diagnostic Interview-Revised; ASD: autism spectrum disorder.

# Including OR2M3-OR2T5, STYK1, GSTZ1, GLIPR1-KRR1, DDX19A-DDX19B, SGSM2-MNT, KCNE1.

\* One marker of a previously reported autism associated gene (*MACROD2*) with a p-value of  $9.95 \times 10^{-5}$  was also included.