



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 9.95×10^{-5} was also included.