## **Description of Additional Supplementary Files**

File Name: Supplementary Data 1

Description: ASD and Control sample metadata.

File Name: Supplementary Data 2

Description: Differential mRNA expression.

File Name: Supplementary Data 3

Description: Differential miRNA expression and target prediction.

File Name: Supplementary Data 4

Description: Differential DNA methylation and comethylation networks.

File Name: Supplementary Data 5

Description: Differential H3K27ac and gene links.