



**Supplemental Figure S1.** The diversity of microbiota at the class, order, family, and genus levels in control vs. ASD subjects. (A~D) Principal component analysis (PCA) of microbiota diversity at the class (A), order (B), family (C), and genus (D) levels based on the weighted UniFrac distance and Bray-Curtis dissimilarity. Data were normalized to have a mean of 0 and a standard deviation of 1. Control (blue) and ASD (red).