

Supplementary Materials

Supplementary Figure S1. Data preprocessing to remove batch effects. (A) Expression data of GSE49036, GSE20141 and GSE7621 before removing batch effects. (B) Expression data of GSE49036, GSE20141 and GSE7621 after removing batch effects.

Supplementary Figure S2. WGCNA of PD datasets. (A) Sample dendrogram and trait heatmap. (B) The values of soft threshold power based on scale independence and mean connectivity. The soft-threshold power was selected as 5 for network construction, based on the adjacency cutoff value 0.9. (C) Cluster dendrogram of genes. Each color represented a module, and the grey module included the genes that could not be classified into any other modules.

Supplementary Figure S3. WGCNA of T2D datasets. (A) Sample dendrogram and trait heatmap. (B) The values of soft threshold power based on scale independence and mean connectivity. The soft-threshold power was selected as 6 for network construction, based on the adjacency cutoff value 0.85. (C) Cluster dendrogram of genes. Each color represented a module, and the grey module included the genes that could not be classified into any other module.