

**Figure S1.** Biological functions of blue and grey modules were explored through Gene Ontology (GO) and Kyoto Encyclopedia of Genes and Genomes (KEGG) enrichment analyses

**(a, b)** The protein-protein interaction (PPI) network downloaded from the STRING database indicated the interactions among the blue and grey modules

**(c/d/e/f)** The most significant or shared GO enrichment and KEGG pathways in the blue and grey modules are displayed

