



**Supplementary Fig. 1.** Cellular process network analysis using Cytoscape software based on enrichment pathways. Each node is a biological pathway (Gene Ontology [GO] biological process or Kyoto Encyclopedia of Genes and Genomes [KEGG] pathway) and the color of the node of the ring represents an up (red) or a down (blue) Z-score in the comparison of diminazene aceturate (DIZE) treated *db/db* and *db/db* vehicles. The edge between nodes indicates the similarity of common genes. ERK, extracellular signal-regulated kinase; PI3K, phosphatidylinositol 3 kinase; ERBB, erb-b2 receptor tyrosine kinase2.