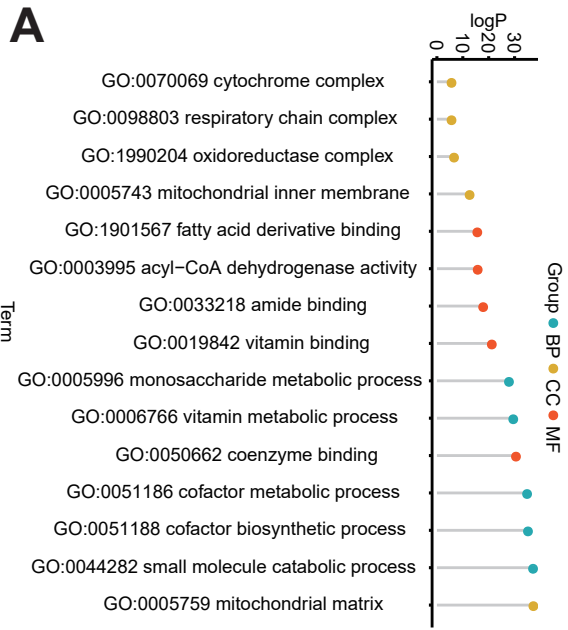
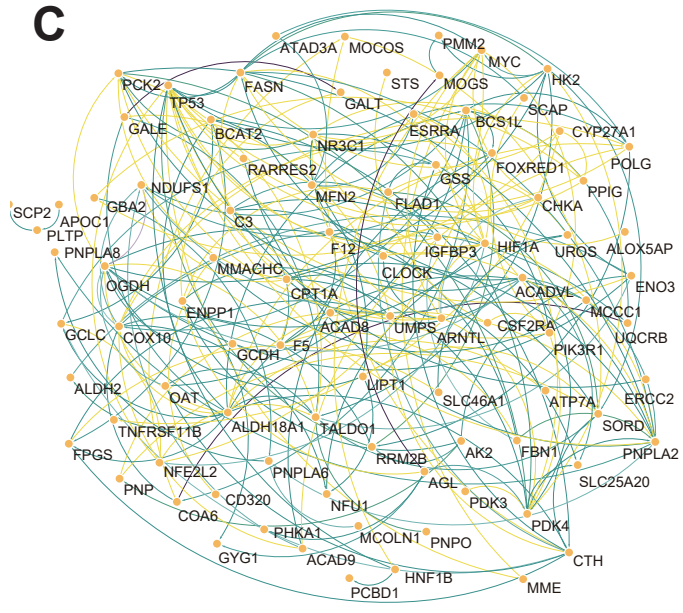
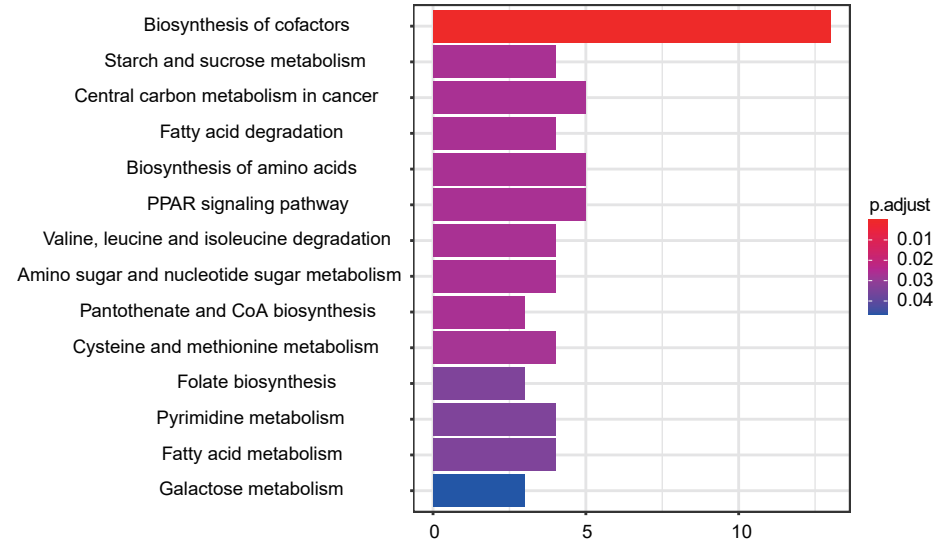


**A****C****B**

**Additional file 4: Figure S4.** Functional analyses based on 92 prognostic MAGs. **(A)** Lollipop Chart for GO enrichment (BP, biological process; CC, cellular component; MF, molecular function). **(B)** Barplot graph for KEGG pathways. **(C)** PPI analysis showing the protein interaction network of MAGs.