

## Supporting Information

### Synergistic mechanism of ampicillin and cefazoline on *Selenastrum capricornutum*

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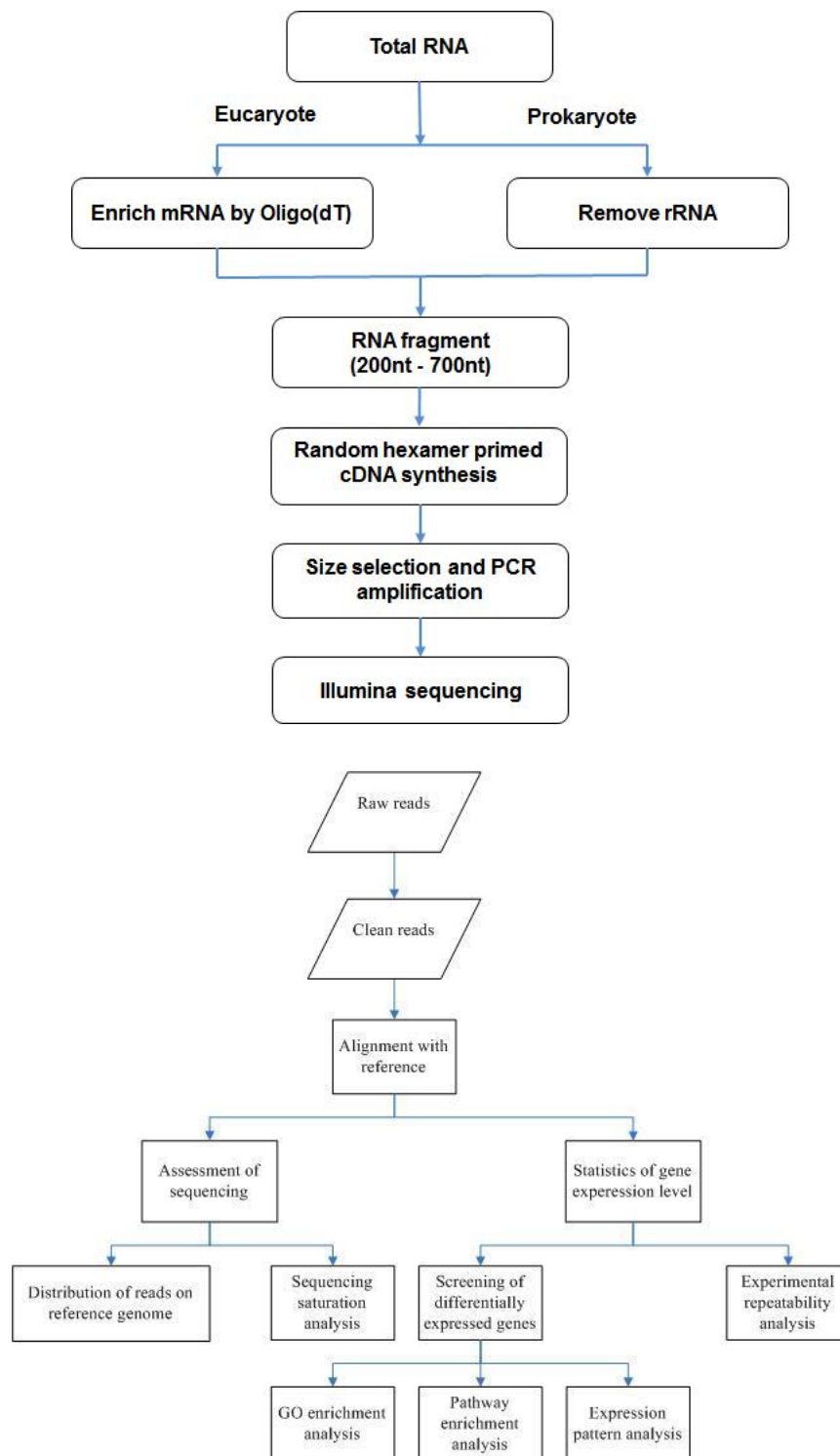
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**Figure S1 Testing and analysis process**

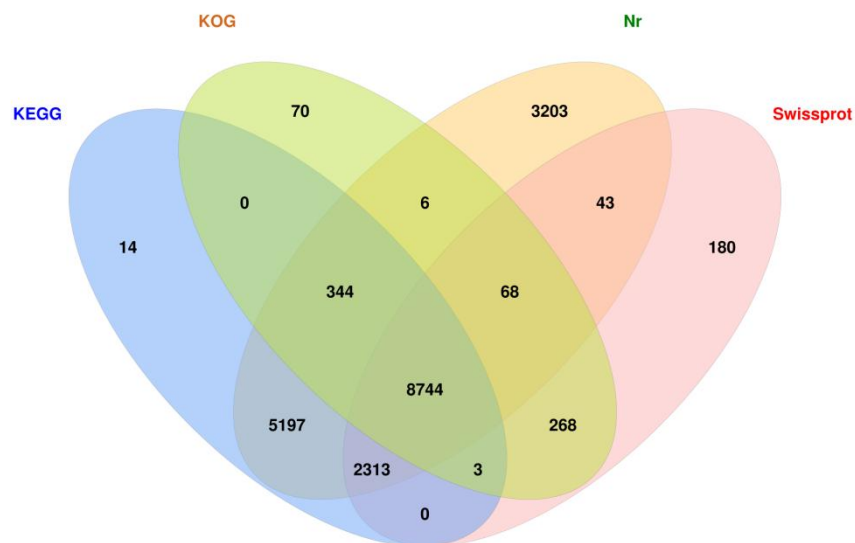


Figure S2 Four major database annotations Venn diagrams

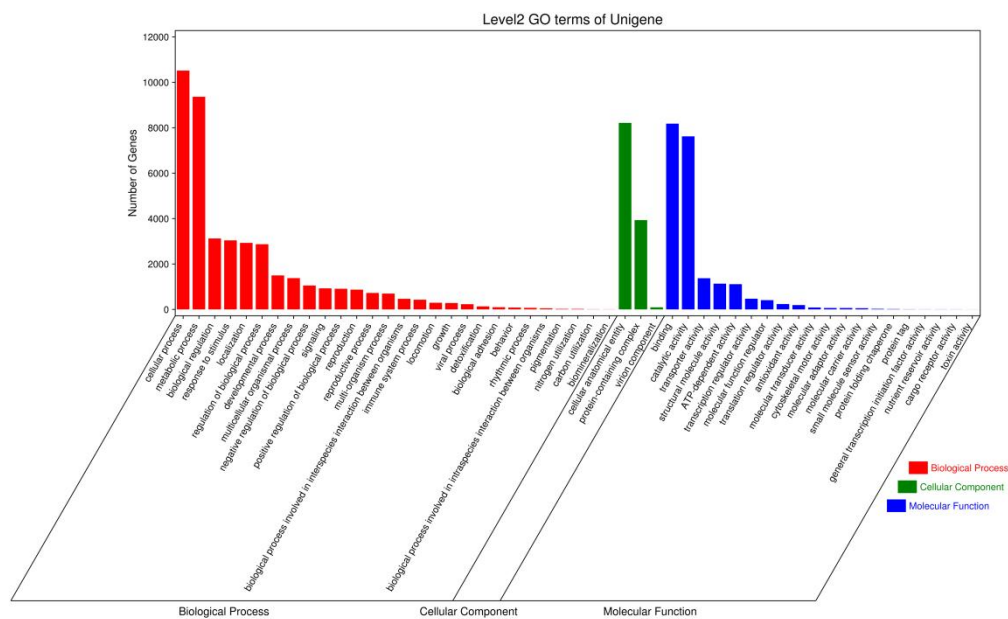


Figure S3 GO secondary classification chart

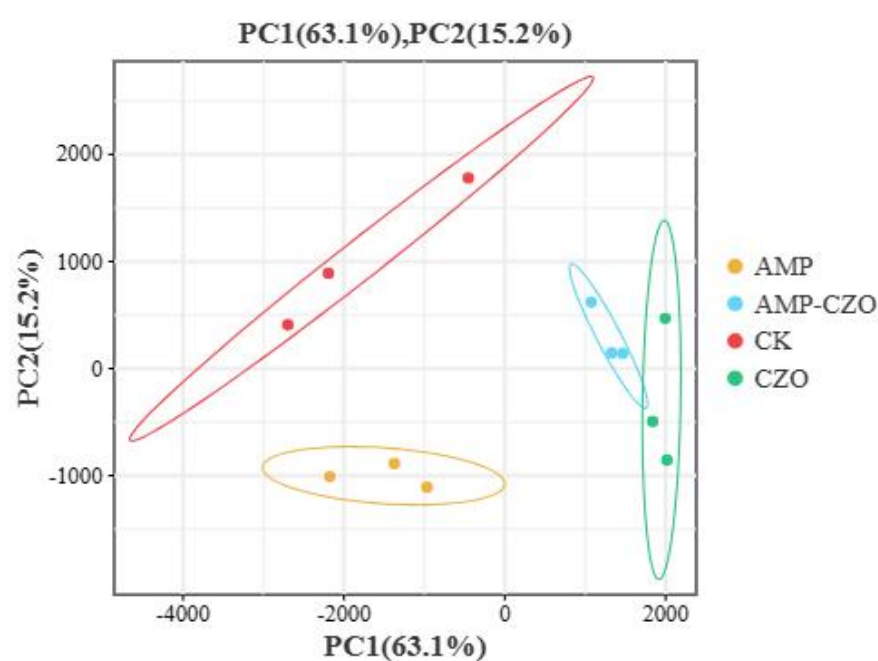


Figure S4A Sample principal component analysis

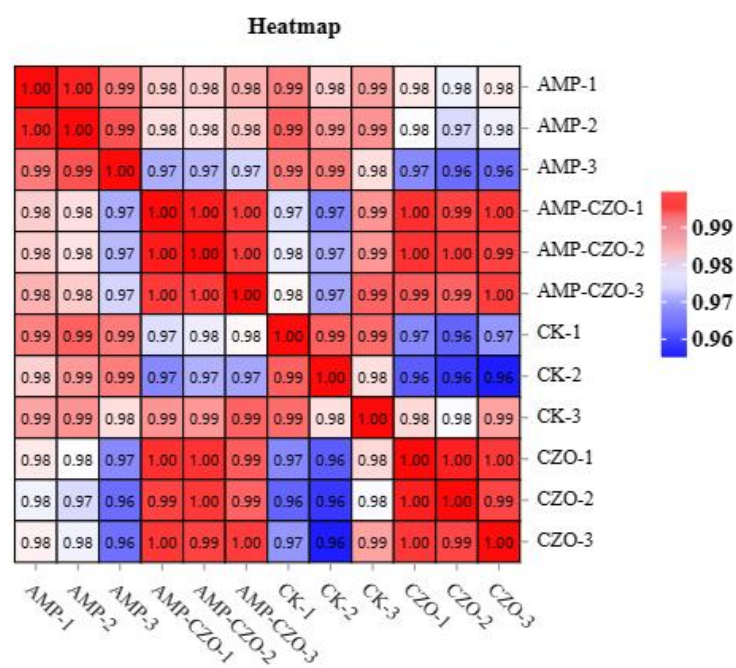
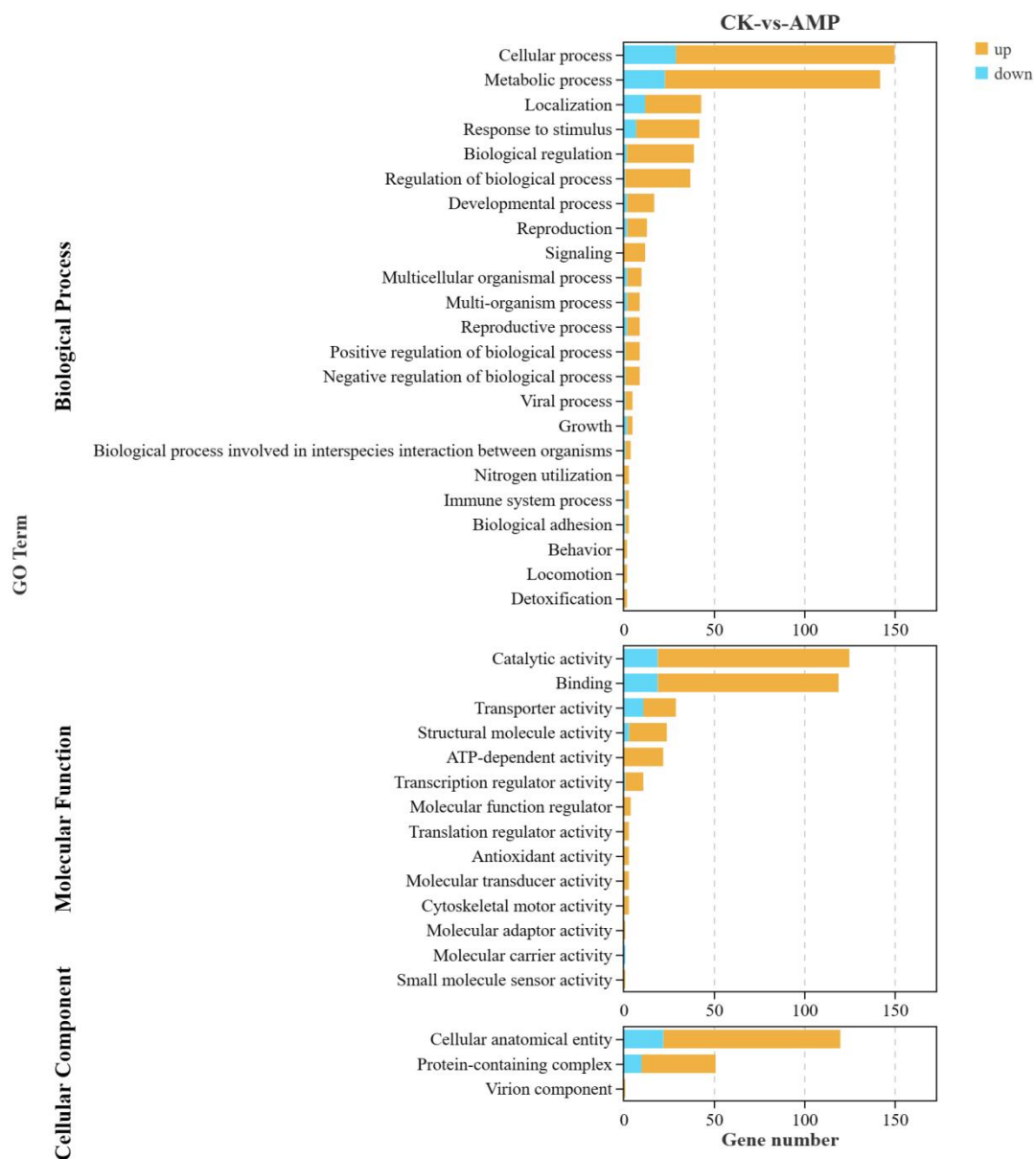
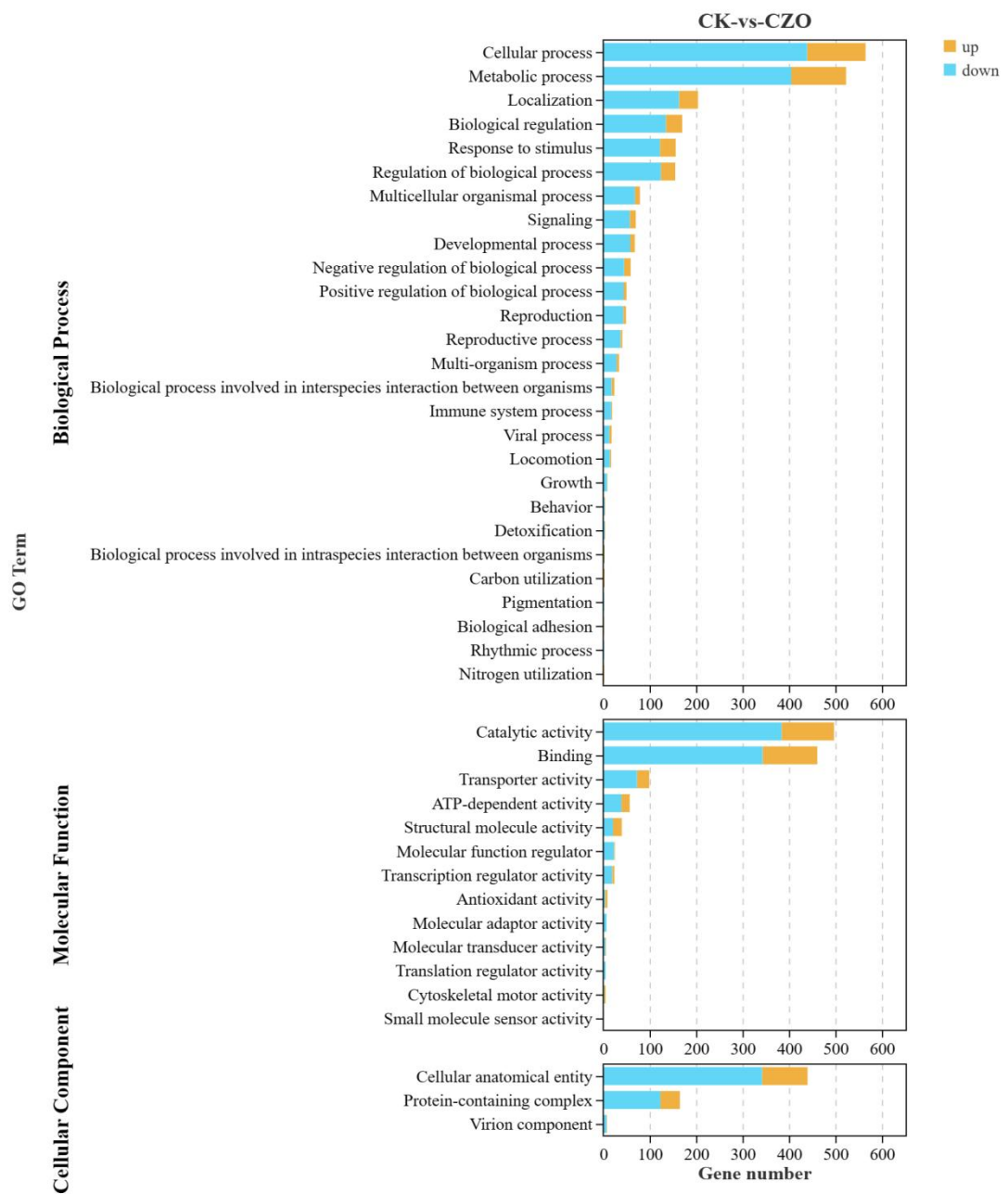


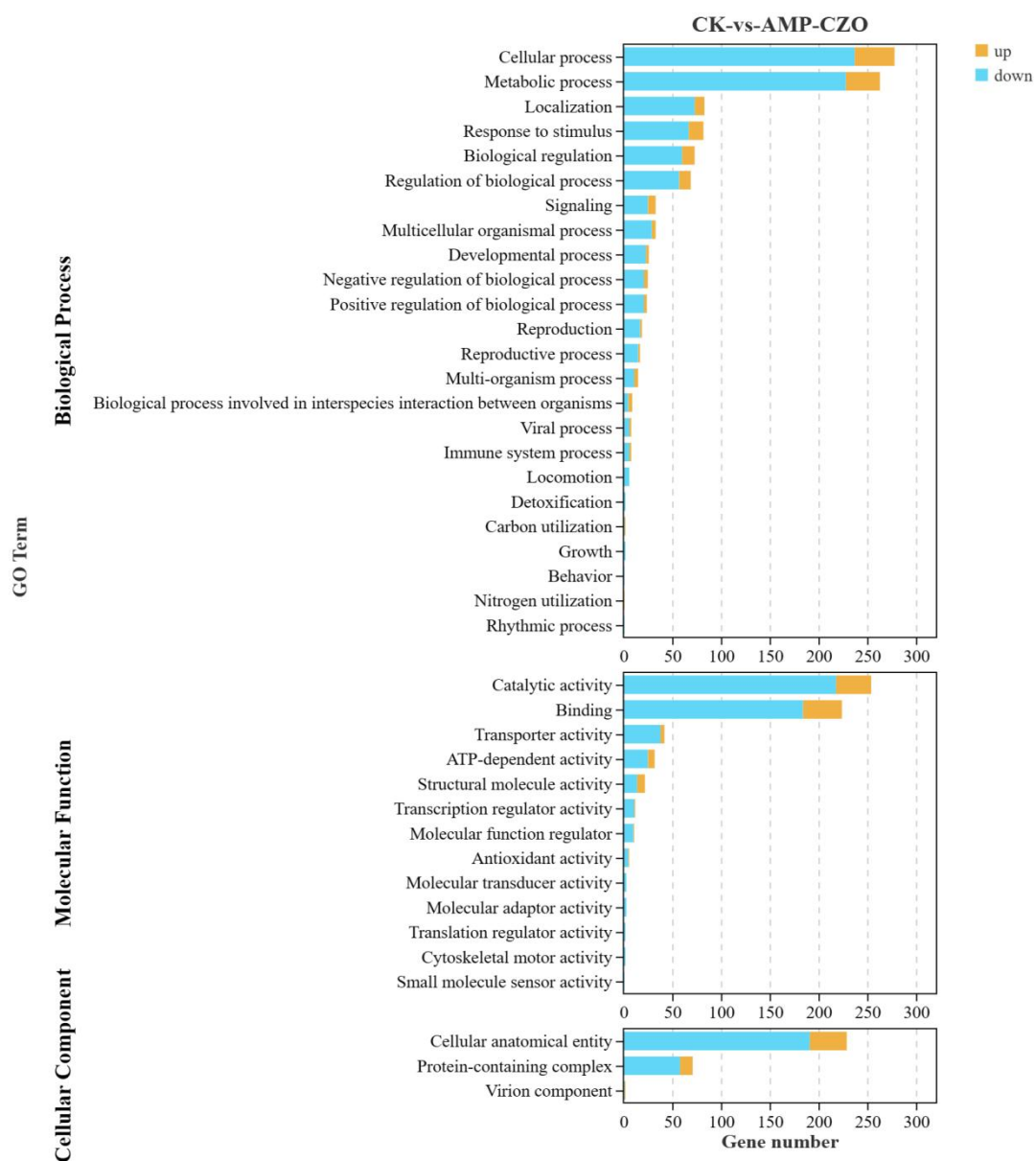
Figure S4B Sample correlation heatmap



A

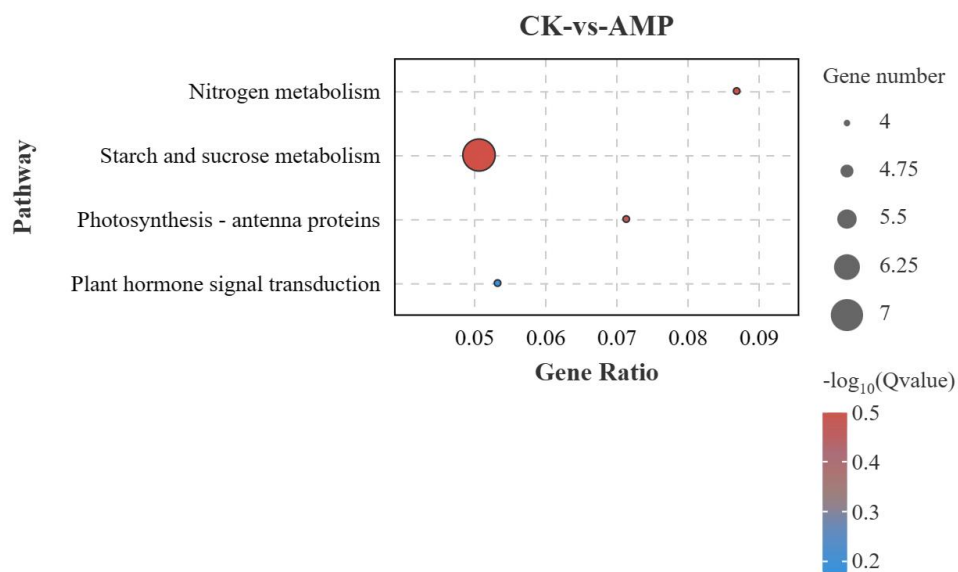


**B**

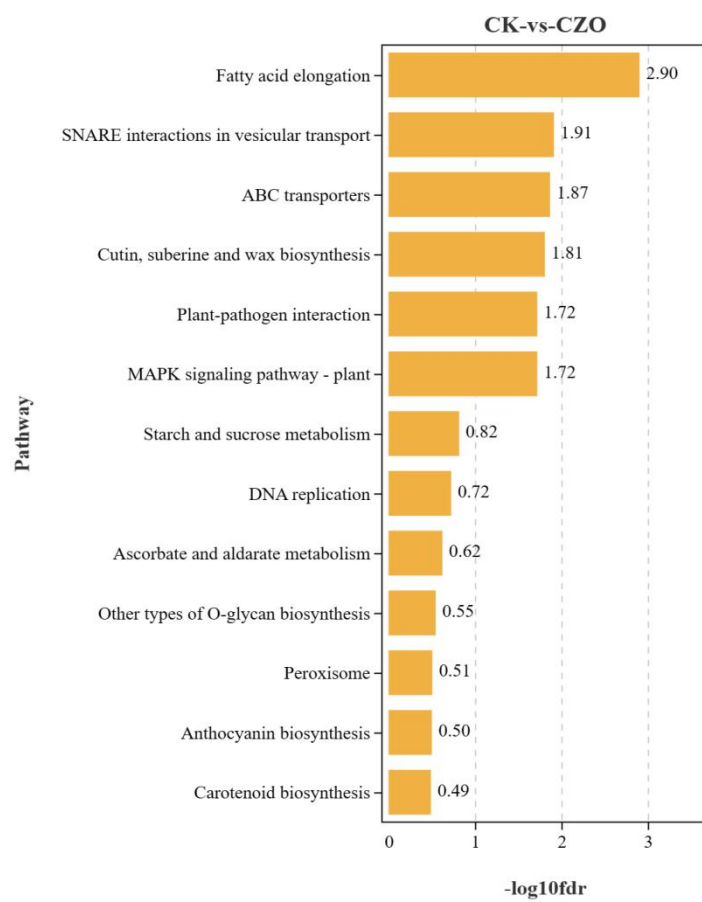


**C**

**Figure S5 GO terms**

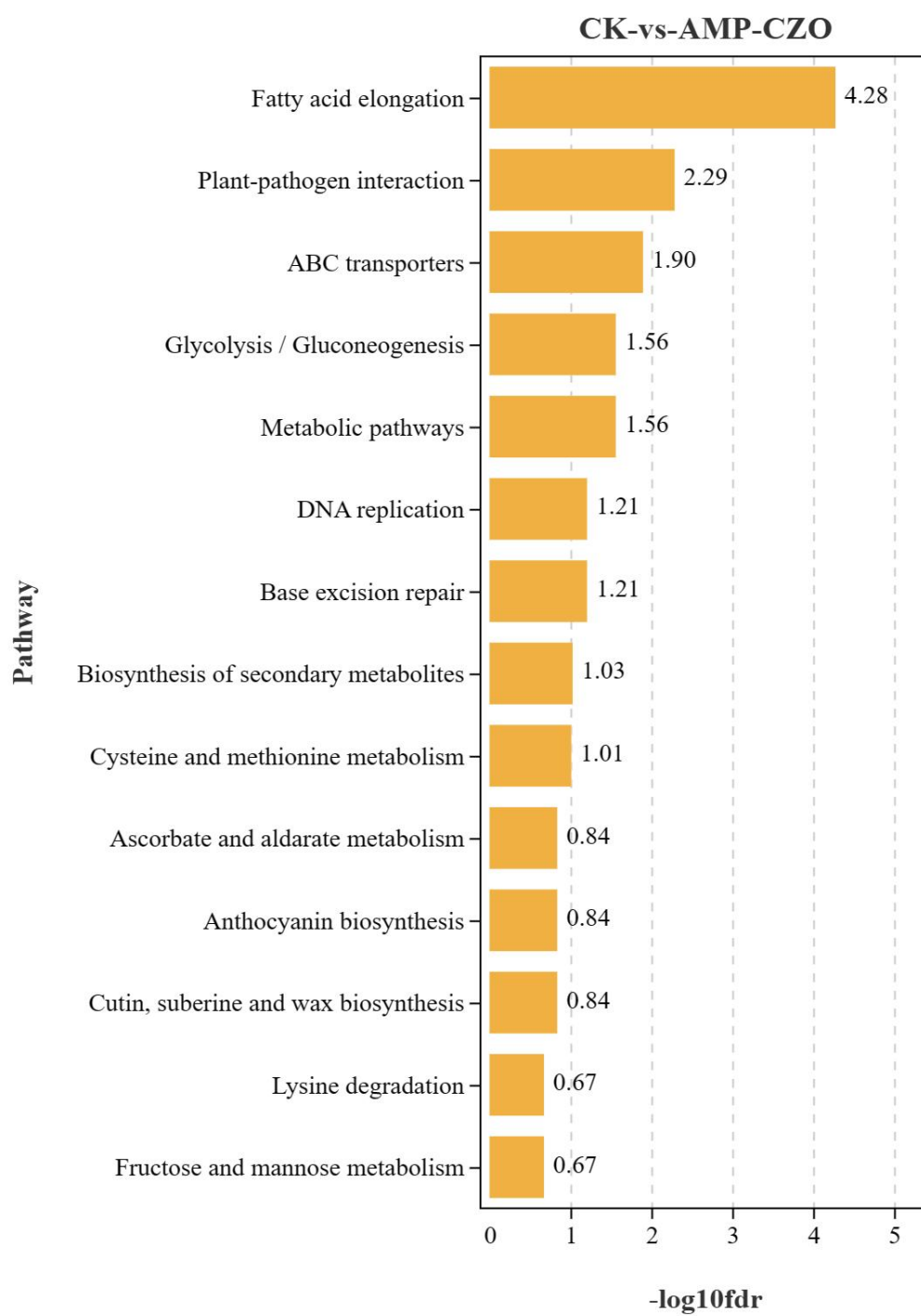


A



B





C

**Figure S6 KEGG pathway**