

Figure S3. Gut microbial co-occurrence network of *C. auratus*, and the microbial community composition of different modules.

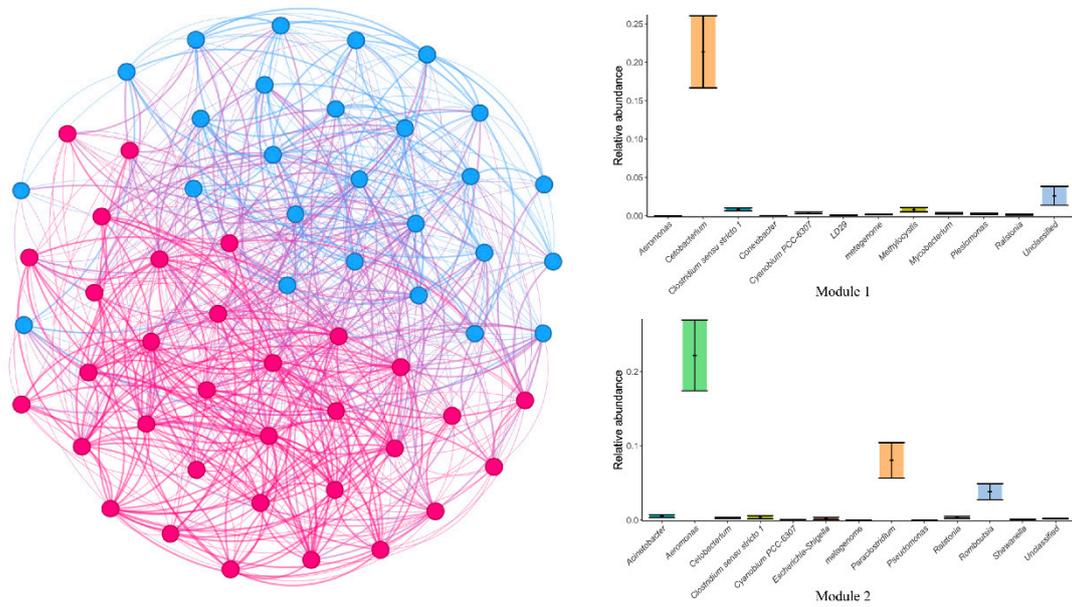


Figure S4. Gut microbial co-occurrence network of *C. alburnus*, and the microbial community composition of different modules.

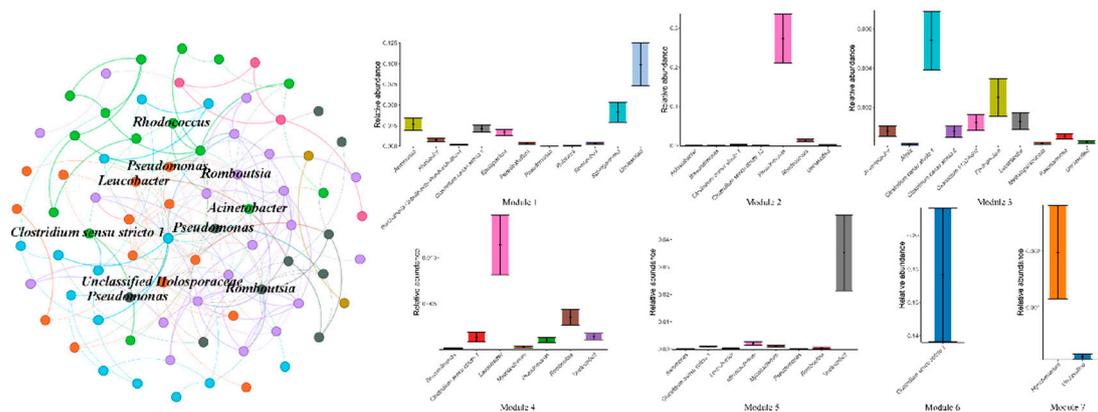


Figure S5. Gut microbial co-occurrence network of *C. brachygnathus*, and the microbial community composition of different modules.

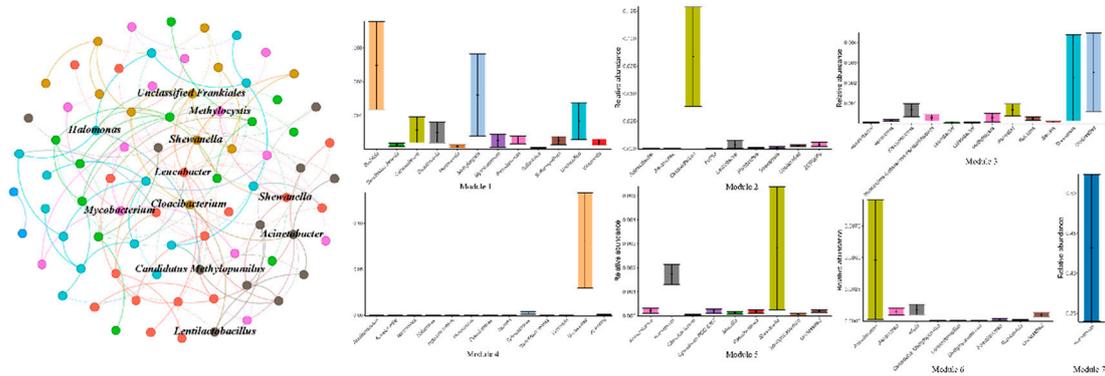


Figure S6. Gut microbial co-occurrence network of *C. carpio*, and the microbial community composition of different modules.

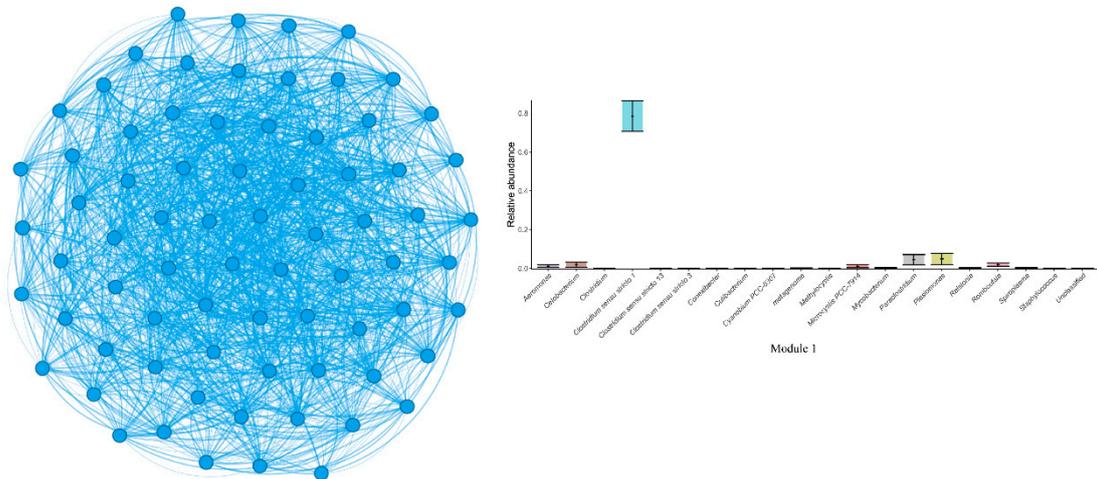


Figure S7. Gut microbial co-occurrence network of *C. ectenes taihuensis*, and the microbial community composition of module.