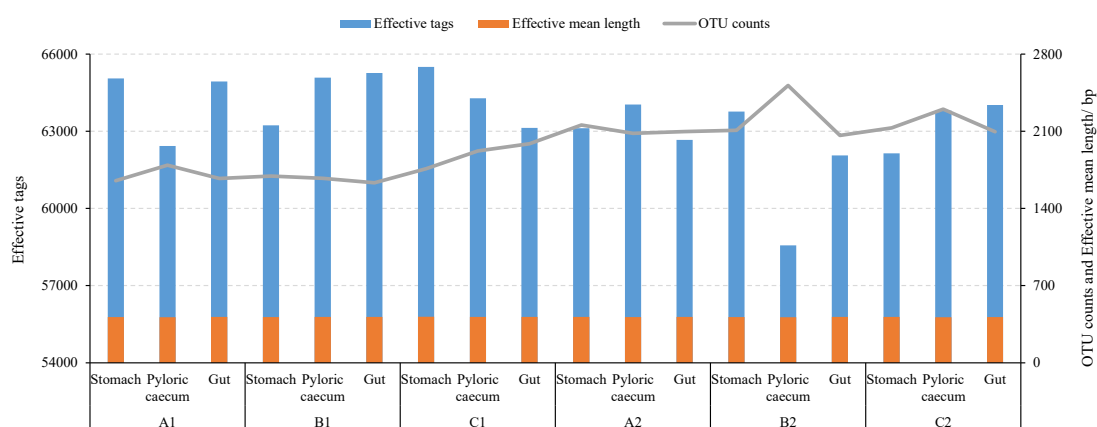
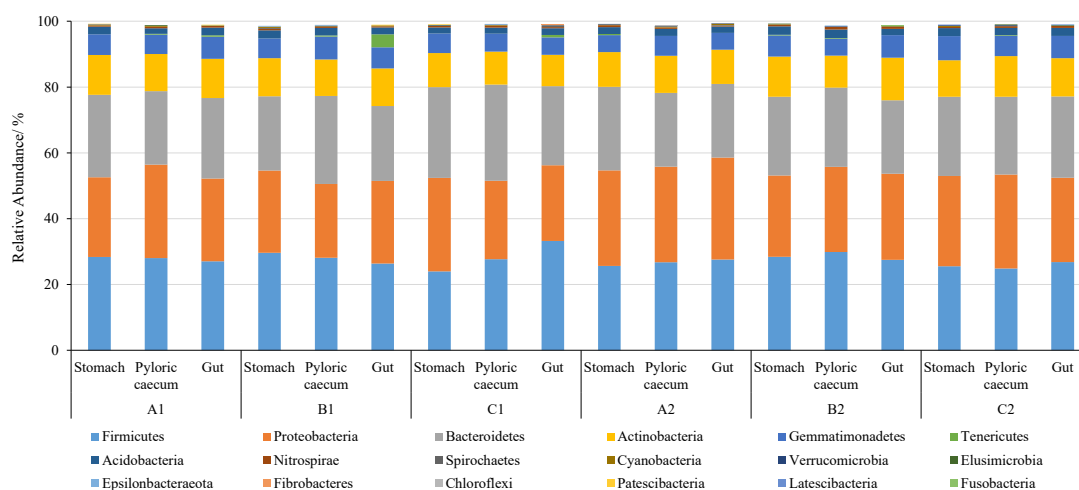


## Supplemental Figures S1-S5



**Figure S1.** The sequencing data of all samples.

Notes: A1, B1 and C1 represented three different treatments at the beginning of the trial, while A2, B2 and C2 represented those three treatments at the end of the trial.



**Figure S2.** The dominant colonizing phyla in yellowtail kingfish gastrointestinal tract.

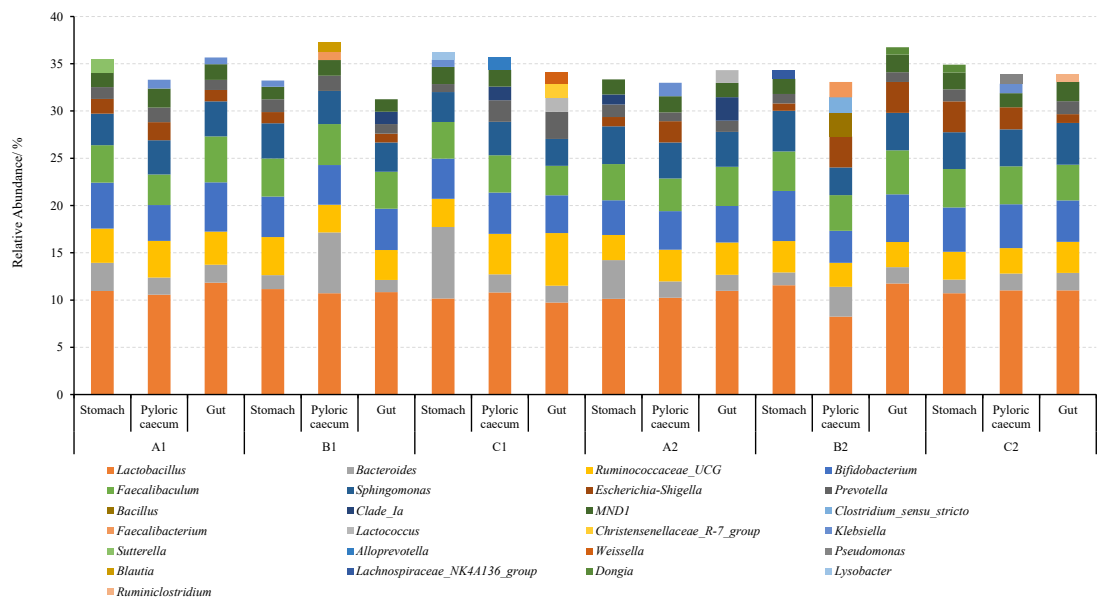


Figure S3. The dominant colonizing genera in yellowtail kingfish gastrointestinal tract.

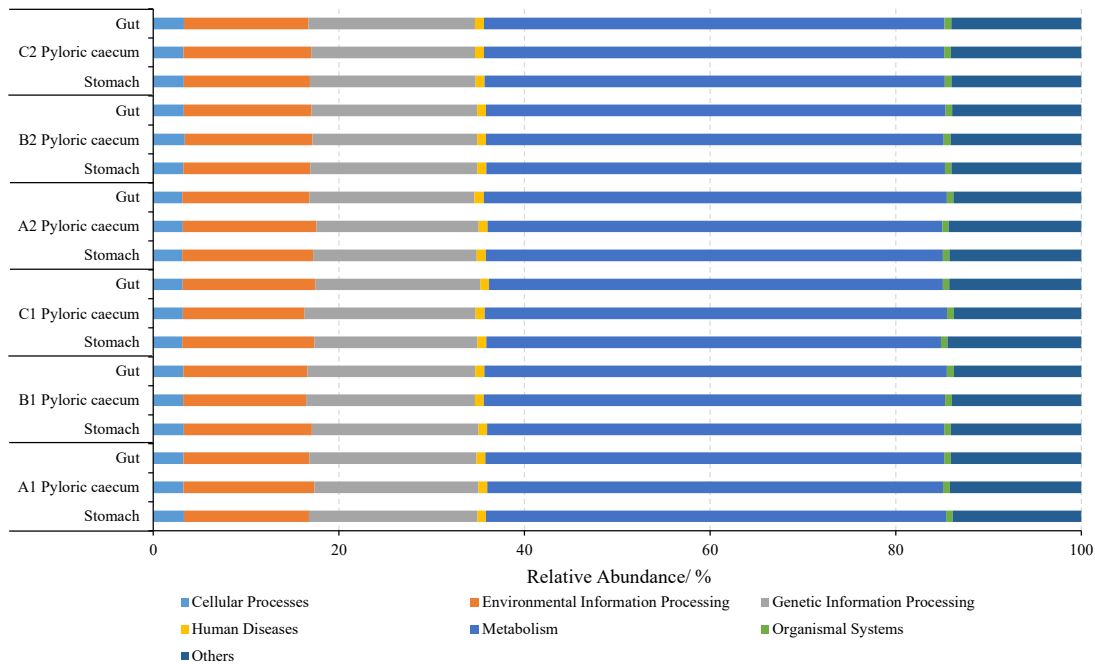


Figure S4. The dominant pathway at level 1 in each tissue of yellowtail kingfish.

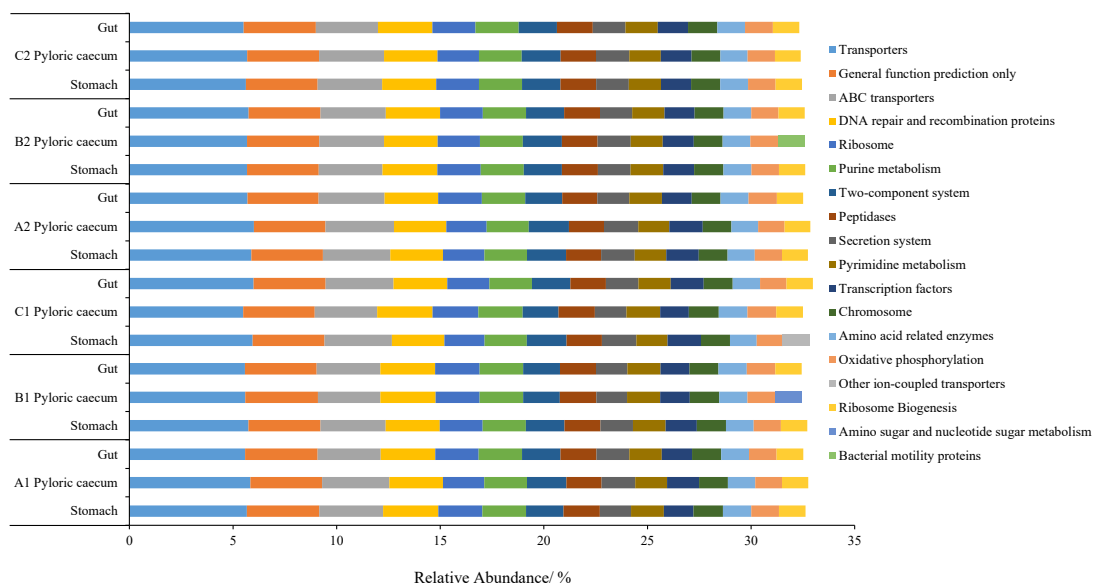


Figure S5. The dominant pathway at level 3 in each tissue of yellowtail kingfish.