

Supplementary material

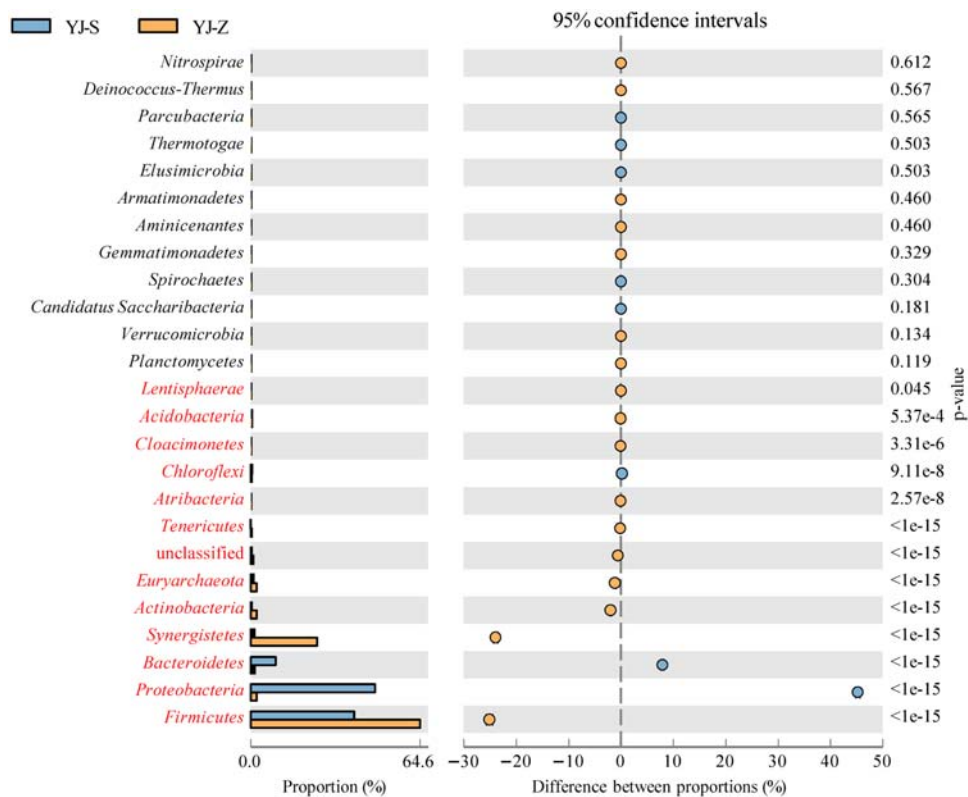


Figure S1: Phylum level difference of microorganism population between YJ-S and YJ-Z.

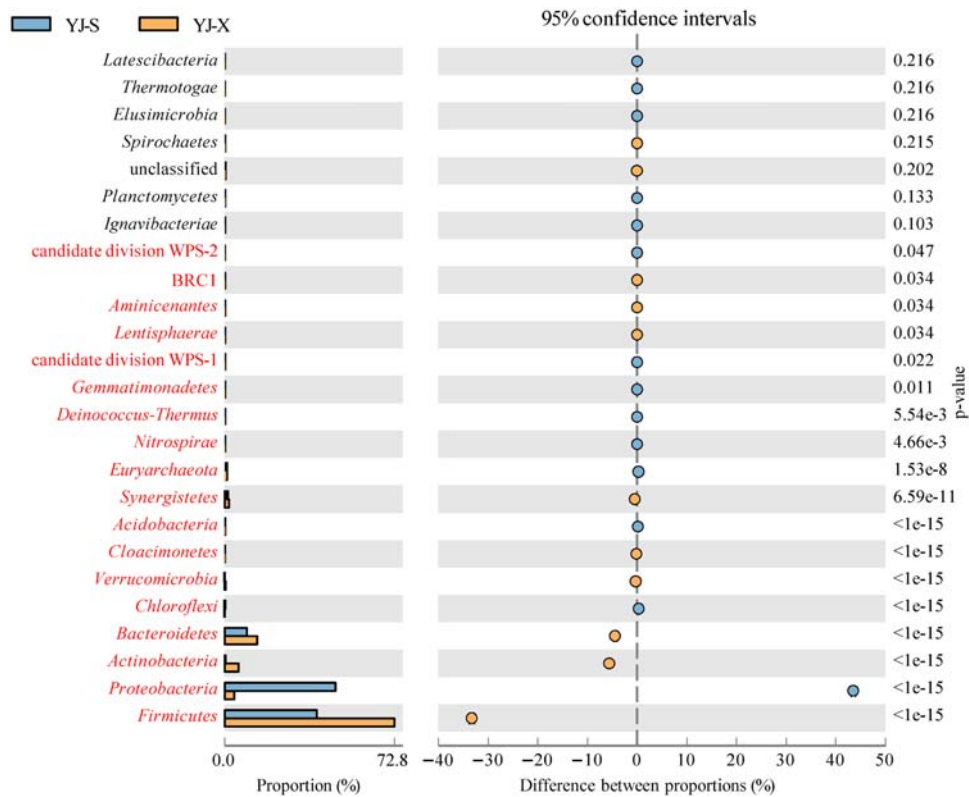


Figure S2: Phylum level difference of microorganism population between YJ-S and YJ-X.

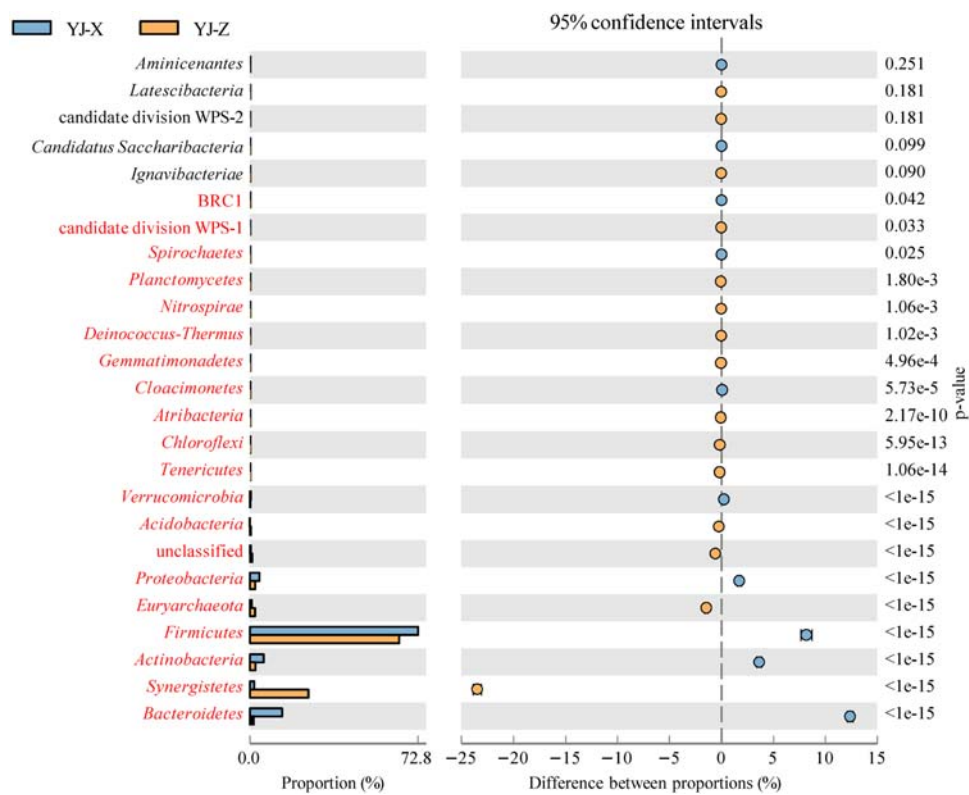


Figure S3: Phylum level difference of microorganism population between YJ-X and YJ-Z.

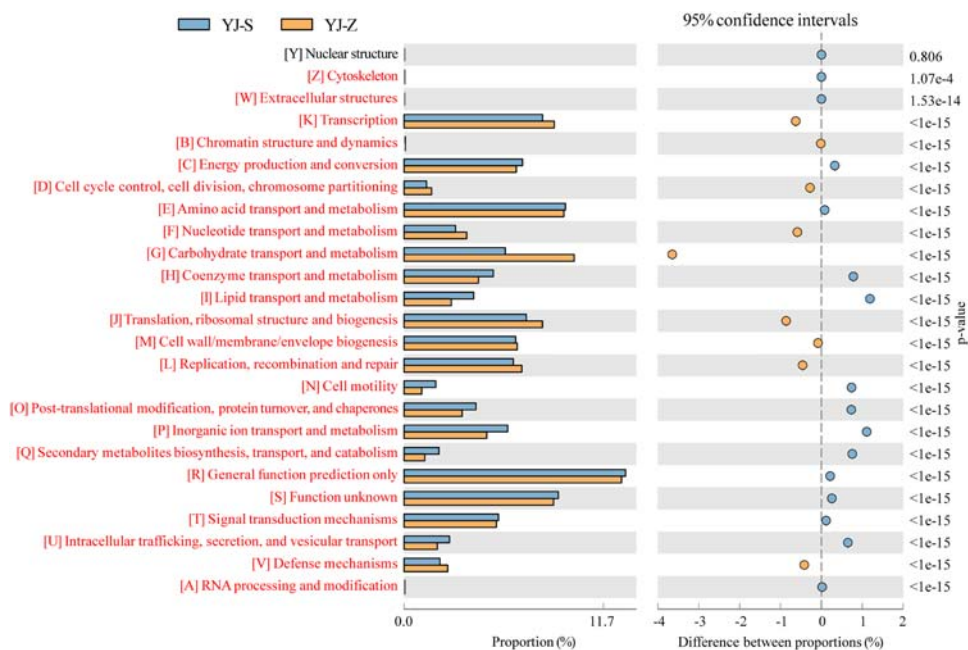


Figure S4: Difference of gene functional predictions between YJ-S and YJ-Z based on COG.

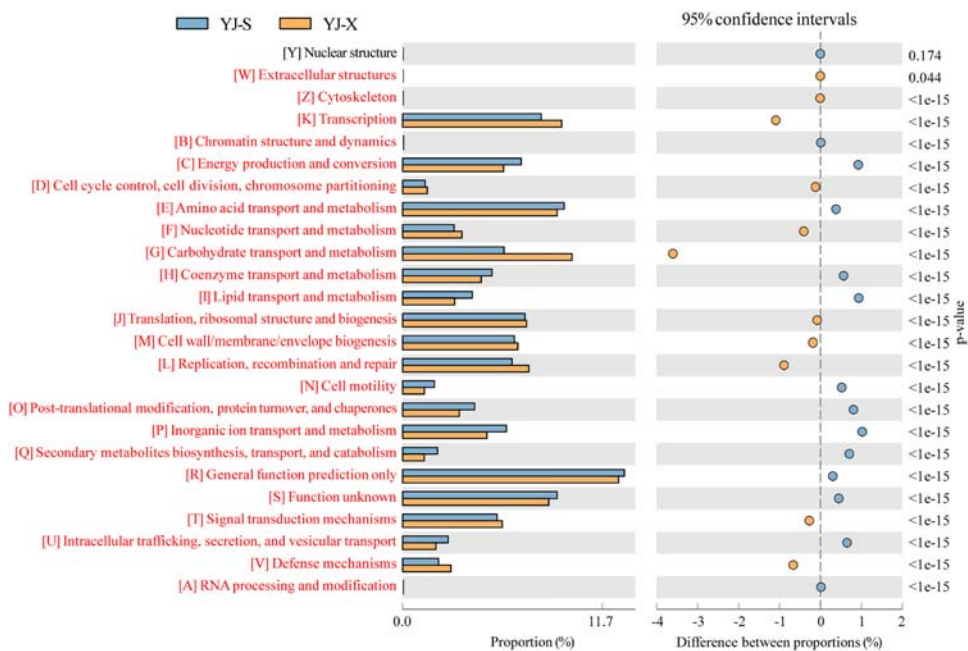


Figure S5: Difference of gene functional predictions between YJ-S and YJ-X based on COG.

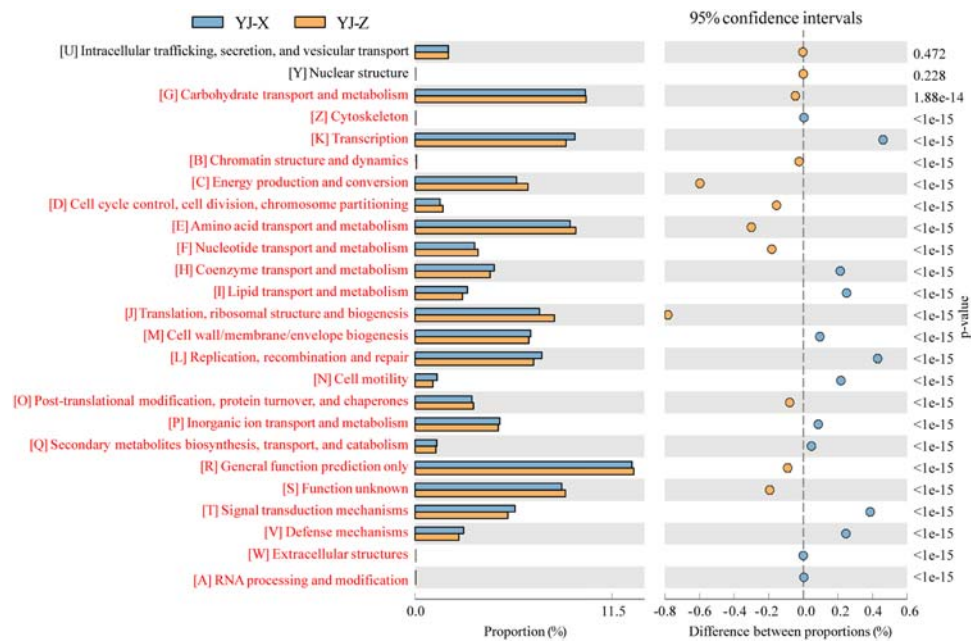


Figure S6: Difference of gene functional predictions between YJ-X and YJ-Z based on COG.

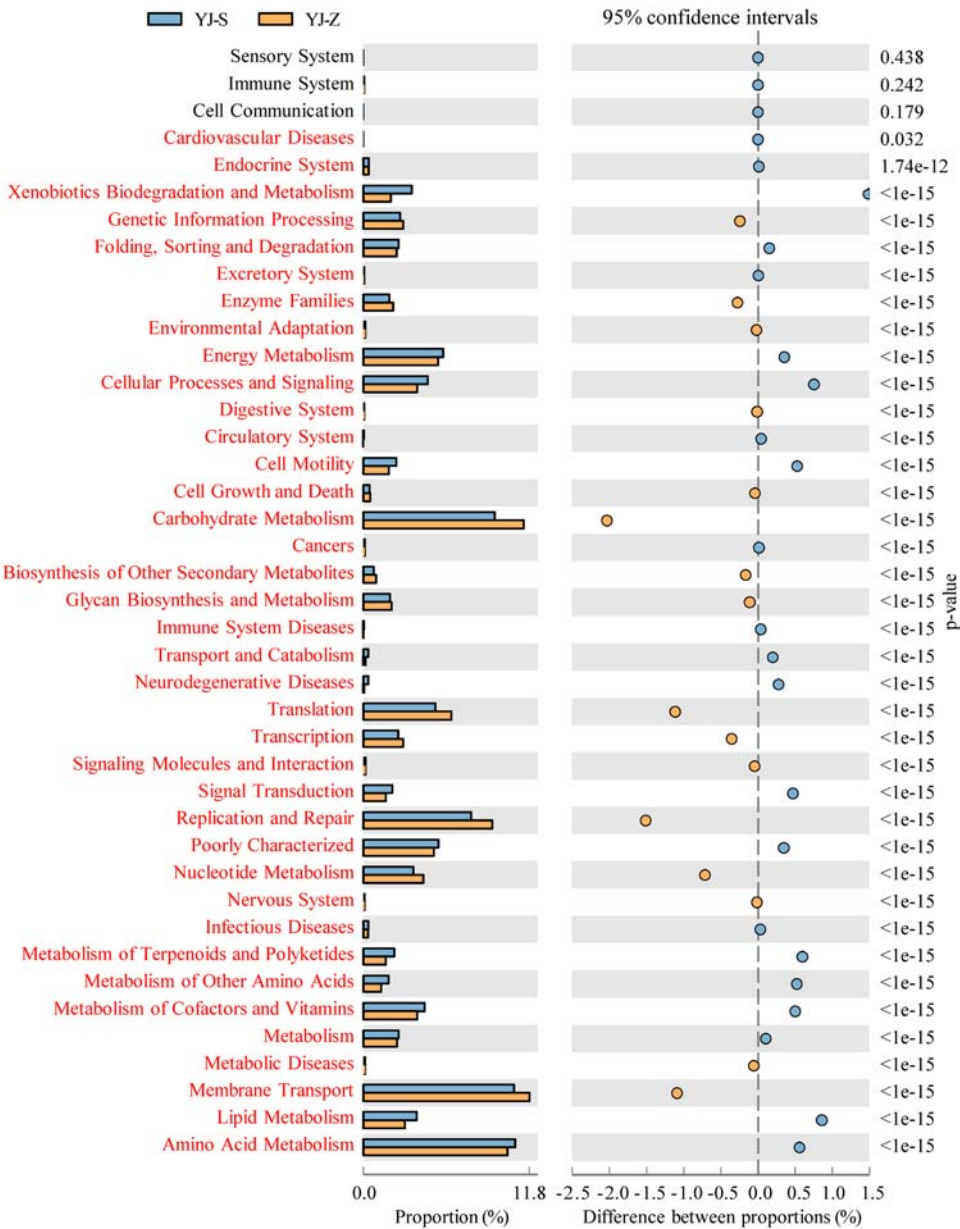


Figure S7: Difference of gene functional predictions between YJ-S and YJ-Z based on KEGG.

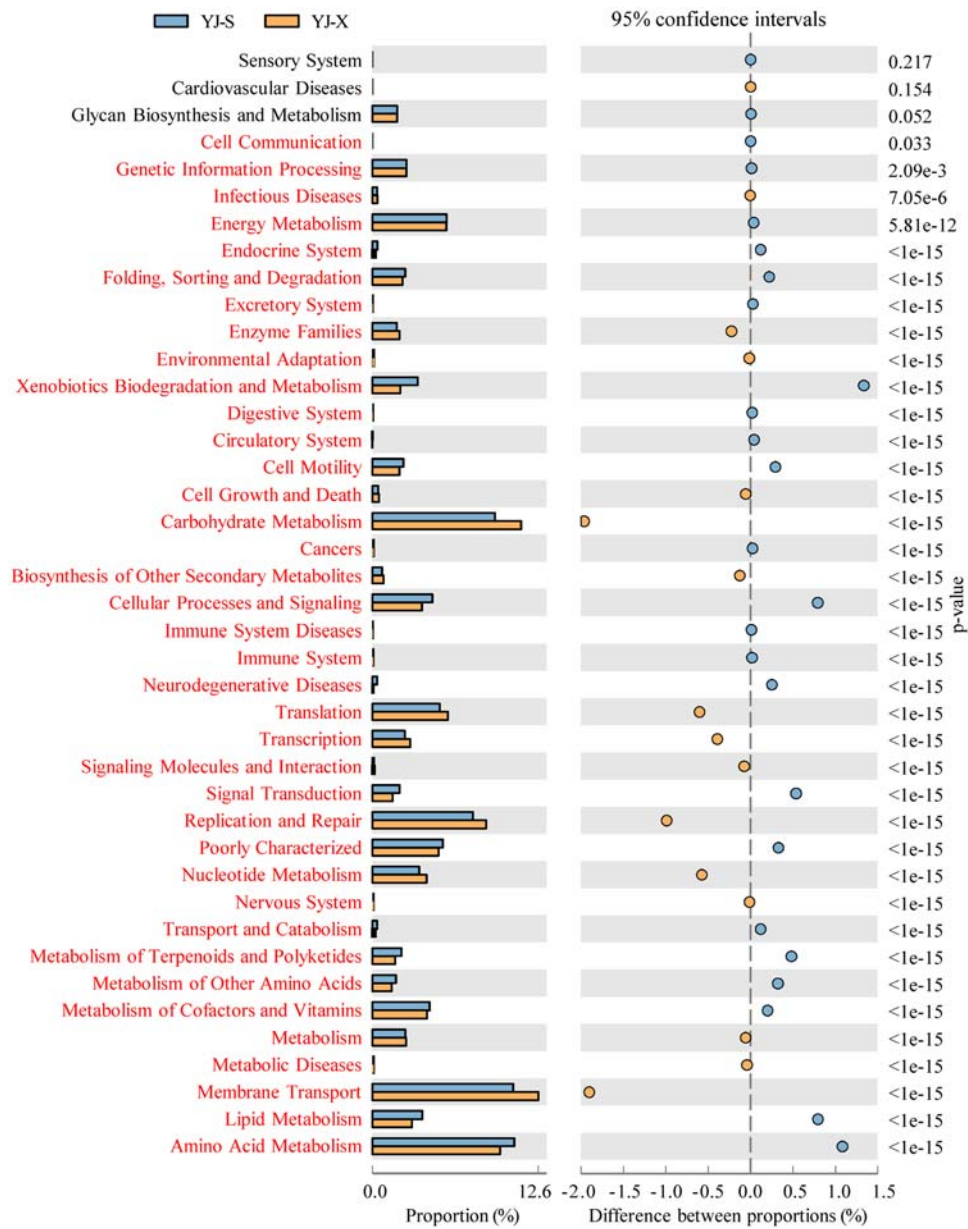


Figure S8: Difference of gene functional predictions between YJ-S and YJ-X based on KEGG.



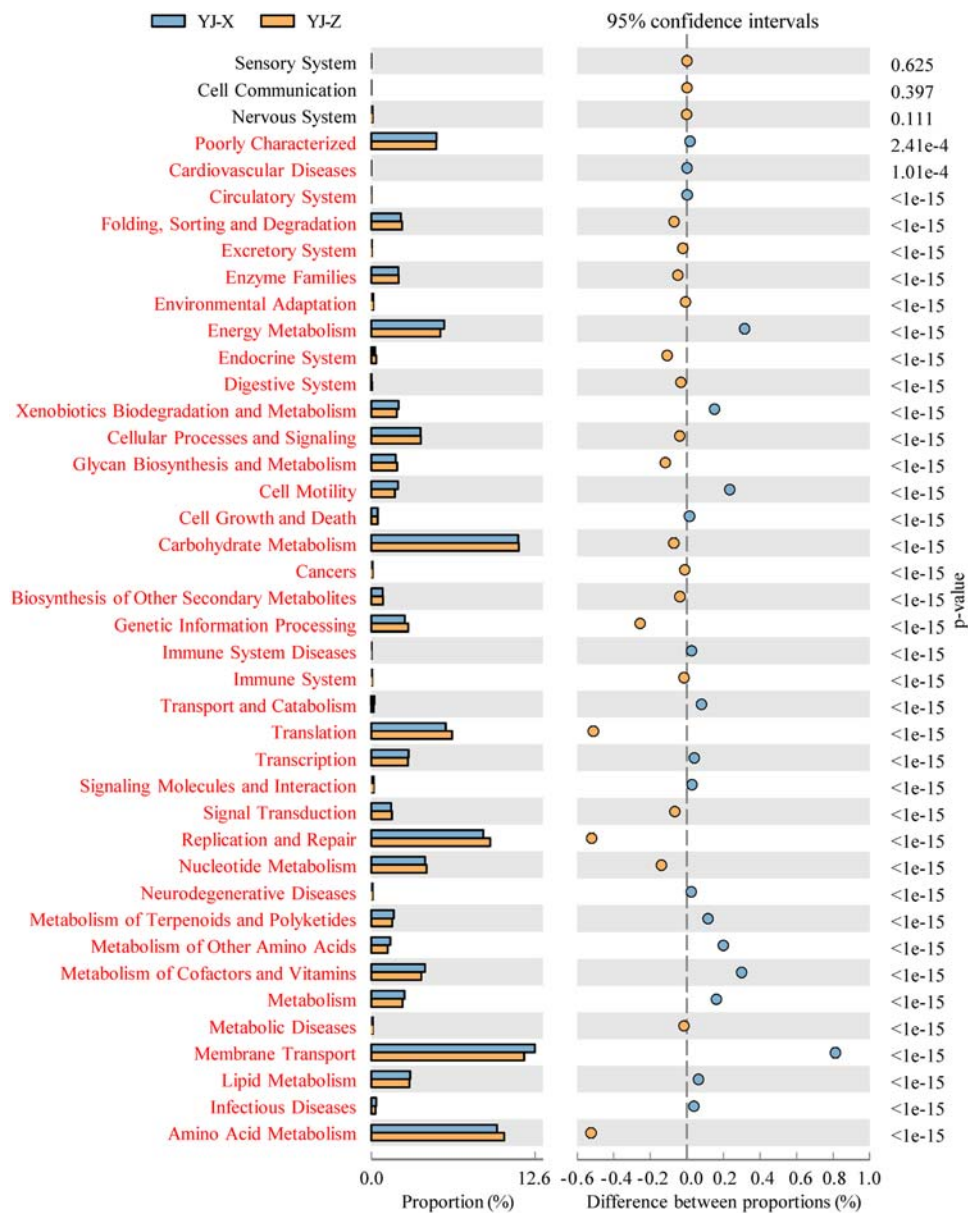


Figure S9: Difference of gene functional predictions between YJ-X and YJ-Z based on KEGG.