

Supporting Figures:

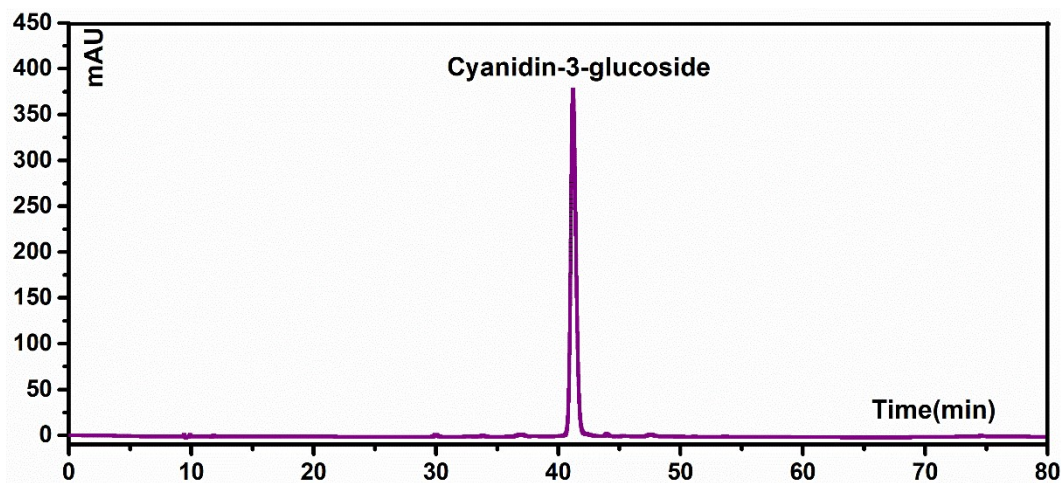


Figure. S1 UPLC elution profile, and cyanidin-3-glucoside (C3G) identified in anthocyanin extract.

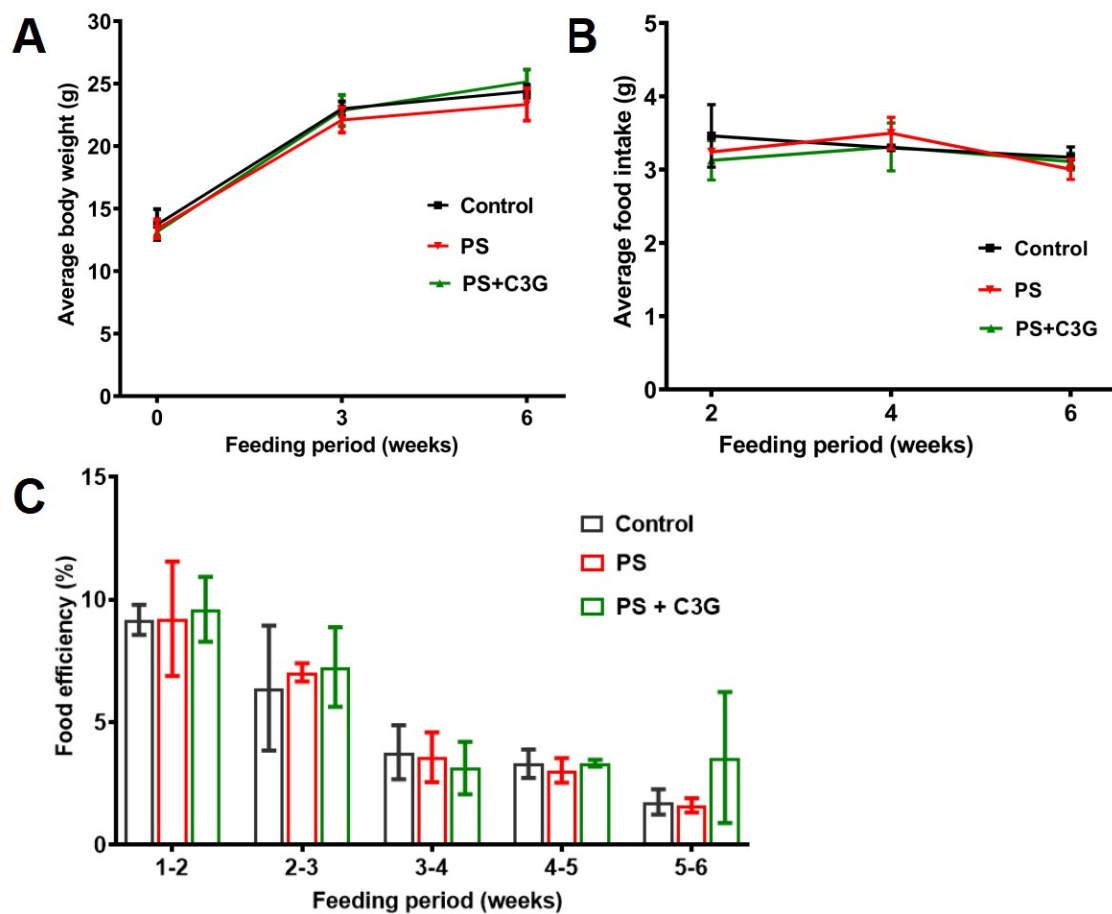


Figure. S2 Changes of basic parameters in C57BL/6 mice. (A) Average body weight of mice

at week 0, 3 and 6. (B) Average food intake per day of each mice at week 2, 4 and 6. 8 mice were included in each group. (C) Food efficiency of mice during each week, food efficiency = body weight gain (g)/food intake (g). Groups labeled with different letters like a, b, and c in the histogram represent statistically significant differences ($p < 0.05$), and 8 mice were included in each group.

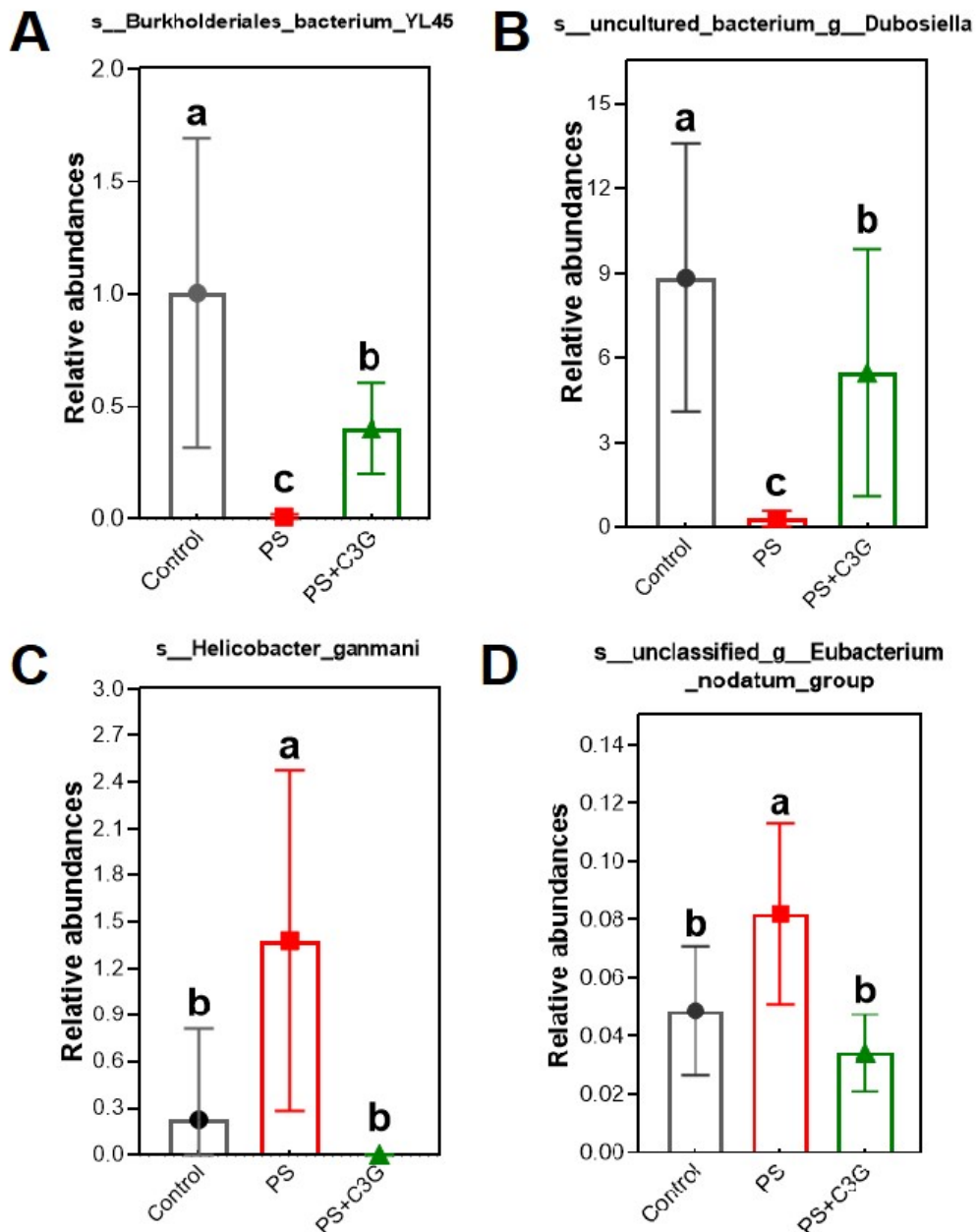


Figure. S3 Some bacteria are of interest at species level. Groups labeled with different letters like a, b, and c in the histogram represent statistically significant differences ($p < 0.05$), and 8 mice were included in each group.