

Supplementary Materials

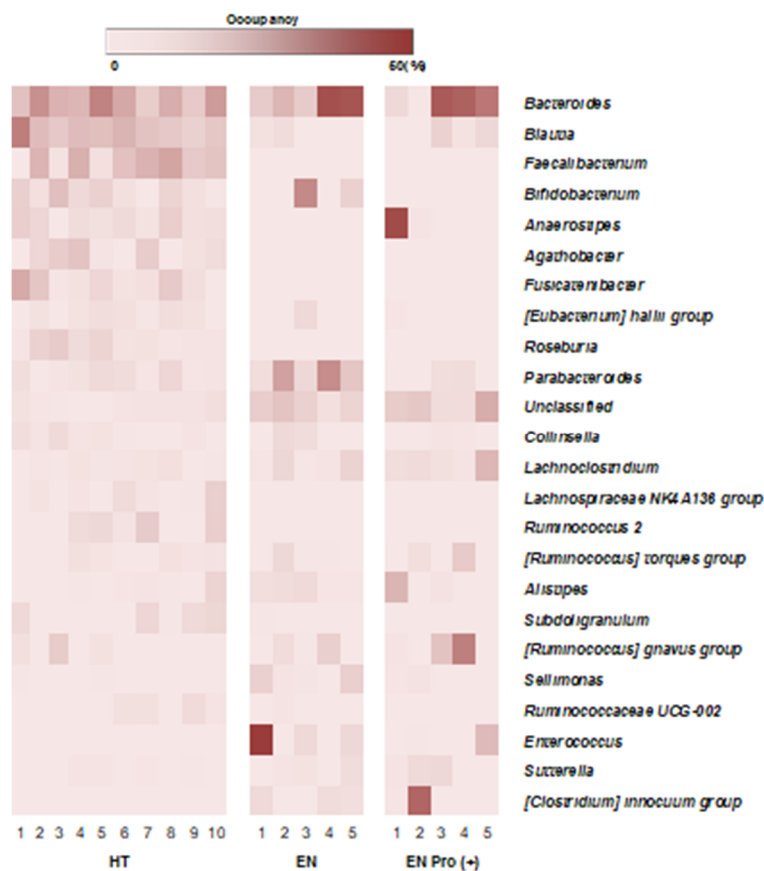


Figure S1. Heat map of intestinal microbiota.

Table S1. Correlation analysis between intestinal microbiota and metabolites.

Metabolites and Intestinal Bacteria	Rs	p-Value
Butyric acid		
<i>Blautia</i>	0.467	0.038
<i>Anaerostipes</i>	0.525	0.017
<i>Roseburia</i>	0.496	0.026
<i>Agathobacter</i>	0.520	0.019
<i>Lachnospiraceae</i> NK4A136 group	0.511	0.021
<i>Parabacteroides</i>	-0.547	0.013
<i>Sellimonas</i>	-0.475	0.034
Pyruvic acid		
<i>Anaerostipes</i>	0.724	0.000
<i>Roseburia</i>	0.446	0.049
<i>Fusicatenibacter</i>	0.587	0.007
2-Hydroxyisobutyric acid		
Unclassified	0.485	0.030
<i>Sellimonas</i>	0.665	0.001
<i>(Clostridium) innocuum</i> group	0.528	0.017

<i>Blautia</i>	-0.490	0.028
<i>Roseburia</i>	-0.491	0.028
<i>Faecalibacterium</i>	-0.551	0.012
<i>Lachnospiraceae</i> NK4A136 group	-0.477	0.033
<i>Alistipes</i>	-0.586	0.007