

Figure S1. Alpha diversity indexes (ACE, Chao1, Shannon, Simpson) of bacterial species assigned for anthocyanins and control group.

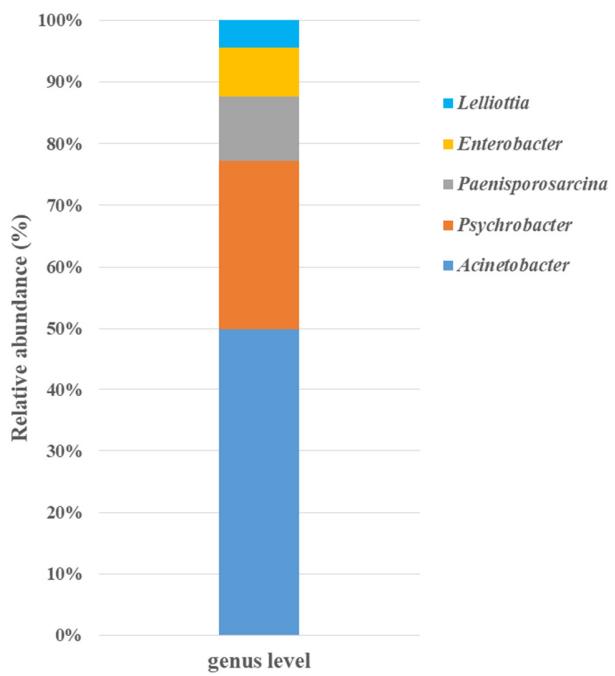


Figure S2. Relative abundance and taxonomic assignments at genus level of the core microbiota common to the control and anthocyanins group.

Table S1. List of unique taxa detected in control and anthocyanins group.

Anthocyanins	Control
<i>Acetivibrio</i>	<i>Acetitomaculum</i>
<i>Aerococcus</i>	<i>Alkaliphilus</i>
<i>Catenisphaera</i>	<i>Anaerocolumna</i>
<i>Dehalobacterium</i>	<i>Anaerovorax</i>
<i>Eubacteriaceae</i>	<i>Atopostipes</i>
<i>Hydrogenoanaerobacterium</i>	<i>Buttiauxella</i>
<i>Kaistia</i>	<i>Carnobacterium</i>
<i>Limosilactobacillus</i>	<i>Cellulomonas</i>
<i>Mediterraneibacter</i>	<i>Devosia</i>
<i>Negativibacillus</i>	<i>Dorea</i>
<i>Pirellulales</i>	<i>Eisenbergiella</i>
<i>Roseburia</i>	<i>Helicobacter</i>
<i>Spirochaetaceae</i>	<i>Lacrimispora</i>
<i>Syntrophococcus</i>	<i>Leucobacter</i>
	<i>Nocardiooides</i>
	<i>Parabacteroides</i>
	<i>Phenylobacterium</i>
	<i>Rhodospirillales</i>
	<i>Saccharomonospora</i>
	<i>Thermoactinomycetaceae</i>
	<i>Thermobifida</i>
	<i>Trueperella</i>
	<i>Tyzzerella</i>