

Supplementary Table 3. Comparison of the relative abundance at the genus level between the drug-treatment and control groups.

Genus	DT group (n=43) Relative abundance (%)	Control group (n=18) Relative abundance (%)	P-value
<i>Lactobacillus</i>	82.924±35.794	70.896±38.941	0.051
<i>Rhodococcus</i>	0.030±0.069	0.137±0.311	0.028
<i>Burkholderia–Caballeronia–P araburkholderia</i>	0.003±0.005	0.285±1.164	0.001
<i>Bacteria_unclassified</i>	0.011±0.022	0.038±0.054	0.003
<i>Staphylococcus</i>	0.000±0.001	0.049±0.193	0.005
<i>Pelomonas</i>	0.000±0.000	0.006±0.022	0.006
<i>Sphingomonas</i>	0.005±0.020	0.014±0.023	0.001
<i>Chitinophagaceae_uncultured</i>	0.000±0.000	0.004±0.013	0.008
<i>Sediminibacterium</i>	0.000±0.000	0.003±0.008	0.001
<i>Corynebacterium_1</i>	0.000±0.002	0.003±0.004	0.024
<i>env.OPS_17_norank</i>	0.000±0.000	0.002±0.008	0.009
<i>Bradyrhizobium</i>	0.000±0.000	0.002±0.008	0.034
<i>Cutibacterium</i>	0±0	0.002±0.004	0.000
<i>BD7-11_norank</i>	0±0	0.002±0.005	0.001
<i>Corynebacterium</i>	0.000±0.000	0.001±0.005	0.038
<i>0319-6G20_norank</i>	0±0	0.001±0.004	0.006
<i>Mycoplasma</i>	0±0	0.001±0.004	0.027
<i>Bacteroides</i>	0.000±0.000	0.001±0.002	0.034
<i>Bdellovibrio</i>	0±0	0.000±0.003	0.027
<i>Obscuribacterales_norank</i>	0.000±0.000	0.000±0.002	0.027
<i>Blautia</i>	0±0	0.000±0.001	0.027
<i>Parvimonas</i>	0.000±0.000	0.000±0.001	0.027
<i>Negativicoccus</i>	0±0	0.000±0.001	0.027
<i>Rhodocyclaceae_unclassified</i>	0±0	0.000±0.001	0.027

DT, drug treatment.