

Table 10. Intestinal bacterial profiles before and after FMT in the placebo, 30-g FMT and 60-g FMT groups.

Bacteria	Placebo		30-g FMT		60-g FMT	
	Before	After	Before	After	Before	After
Actinobacteria	-0.235±0.763	-0.365±0.768	-0.250±0.954	-0.375±0.838	-0.250±0.719	-0.2350±0.636
Actinomycetales	0.118±0.382	-0.212±0.536	0.175±0.594	0.100±0.496	0.068±0.255	0.145±0.412
<i>Bifidobacterium</i> spp.	-0.020±0.607	-0.154±0.539	0.025±0.660	-0.075±0.572	-0.045±0.526	-0.063±0.433
<i>Alistipes</i> spp.	-0.863±0.895	-0.885±0.900	-0.872±0.864	-0.513±0.756*	-0.943±0.873	-0.429±0.608**
<i>Alistipes onderdonkii</i>	-0.667±0.792	-0.615±0.718	-0.650±0.834	-0.550±0.783	-0.523±0.699	-0.354±0.565
<i>Bacteroides fragilis</i>	-0.255±0.689	-0.212±0.637	0.175±0.501	0.050±0.221	0.159±0.480	0.104±0.371
<i>Bacteroides</i> and <i>Prevotella</i> spp.	-0.980±1.157	-0.885±1.182	-0.718±1.0325	-0.3033±0.621*	-1.091±1.996	-0.708±0.967
<i>Bacteroides stercoris</i>	-0.137±0.448	-0.154±0.415	0.025±0.158	0.100±0.304	0.023±0.151	0.146±0.357
<i>Bacteroides zoogloeiformans</i>	0.078±0.272	0.038±0.194	0.025±0.158	0±0	0.091±0.291	0.083±0.347
<i>Parabacteroides johnsonii</i>	0.039±0.196	0.077±0.269	0.050±0.221	0.100±0.304	0.045±0.302	0.021±0.144
<i>Parabacteroides</i> spp.	-0.451±0.642	-0.327±0.706	-0.425±0.747	-0.225±0.480	-0.455±0.504	-0.313±0.468
Firmicutes	-0.431±0.575	-0.385±0.566	-0.325±0.526	-0.400±0.591	-0.8629±0.646	-0.400±0.445*
Bacilli	0.235±1.124	0.192±0.991	0.271±1.132	0.150±1.001	0.205±1.047	0.042±0.824
<i>Catenibacterium mitsuokai</i>	0.000±0.400	0.135±0.525	0.050±0.289	0.100±0.441	0.023±0.151	0.104±0.515
Clostridia	-0.020±0.244	-0.077±0.269	-0.025±0.276	0.000±0.036	0.068±0.255	0.021±0.252
<i>Clostridium</i> spp.	0.039±0.196	0.038±0.194	0±0	0.050±0.316	0.223±0.151	0.063±0.245
<i>Dialister invisus</i>	0.118±0.381	-0.173±0.474	0.158±0.3675	0.026±0.160	0.091±0.362	0.146±0.505
<i>Dialister invisus</i> and <i>Megasphaera micronuciformis</i>	0.059±0.238	0.173±0.474	0.125±0.335	0.025±0.158	0.068±0.034	0.104±0.308
<i>Dorea</i> spp.	0.569±0.700	0.500±0.700	0.625±0.628	0.667±0.806	0.657±0.725	0.429±0.655*
<i>Eubacterium bifforme</i>	0.412±0.753	0.269±0.598	0.275±0.640	0.400±0.633	0.477±0.791	0.563±0.769
<i>Eubacterium hallii</i>	0.804±0.939	0.673±0.879	0.667±0.738	0.436±0.598*	0.886±0.993	0.979±1.021
<i>Eubacterium rectale</i>	0.078±0.337	0.058±0.235	0.050±0.221	0.025±0.158	0.068±0.255	0.042±0.202
<i>Eubacterium siraeum</i>	-1.412±0.963	-1.288±0.161	-1.475±1.086	-1.200±1.265	-1.295±0.930	-1.208±0.988
<i>Faecalibacterium prausnitzii</i>	-0.431±0.671	-0.500±0.804	-0.550±0.745	-0.500±0.599	-0.568±0.759	-0.521±0.825
Lachnospiraceae	0.196±0.566	0.269±0.630	0.325±0.730	0.275±0.640	0.205±0.553	0.125±0.489
<i>Lactobacillus ruminis</i> and <i>Pediococcus acidilactici</i>	0.059±0.311	0.077±0.334	0±0	0.025±0.158	0.021±0.146	0.188±0.571
<i>Lactobacillus</i> spp.	0.353±0.594	0.269±0.528	0.325±0.616	0.475±0.680	0.500±0.731	0.583±0.679
<i>Phascolarctobacterium</i> spp.	0.078±0.337	0.077±0.337	0.125±0.404	0.075±0.350	0.091±0.362	0.083±0.347

<i>Ruminococcus albus</i> and <i>Ruminococcus bromii</i>	0.353±0.658	0.404±0.721	0.325±0.616	0.450±0.749	0.205±0.553	0.271±0.574
<i>Ruminococcus gnavus</i>	0.431±0.878	0.577±0.878	0.450±0.815	0.325±0.764	0.364±0.810	0.250±0.636
<i>Streptococcus agalactiae</i> and <i>Eubacterium rectale</i>	0.157±0.367	0.250±0.480	0.110±0.304	0.125±0.345	0.267±0.495	0.083±0.279
<i>Streptococcus salivarius</i> subsp. <i>thermophilus</i> and <i>Streptococcus sanguinis</i>	0.412±0.606	0.346±0.556	0.675±0.888	0.475±0.751	0.455±0.504	0.292±0.459
<i>Streptococcus salivarius</i> subsp. <i>thermophilus</i>	0.628±0.871	0.577±0.915	0.500±0.934	0.600±0.928	0.523±0.821	0.604±0.844
<i>Streptococcus</i> spp.	0.471±0.833	0.423±0.696	0.400±0.709	0.450±0.815	0.444±0.841	0.396±0.610
<i>Veillonella</i> spp.	-0.177±0.518	-0.173±0.648	-0.175±0.385	-0.150±0.534	-0.273±0.544	-0.208±0.504
Proteobacteria	0.294±0.576	0.289±0.499	0.275±0.599	0.325±0.616	0.717±0.750	0.583±0.498
<i>Shigella</i> and <i>Escherichia</i> spp.	-0.275±0.940	-0.212±0.893	-0.200±0.853	-0.335±0.920	-0.151±1.077	-0.188±0.790
<i>Mycoplasma hominis</i>	-0.451±0.503	-0.404±0.496	-0.450±0.504	-0.450±0.503	-0.500±0.506	-0.479±0.505
<i>Akkermansia muciniphila</i>	0.471±0.644	0.365±0.627	0.450±0.714	0.650±0.802	0.371±0.770	0.914±0.951^{**}

Data are mean±SD values.

* p<0.01; ** p<0.05 compared to the baseline values.

Values in boldface italics are those who were statistically significant