

Supplementary Table 6. Taxonomic composition of fecal microbiota expressed as relative abundances (S

Taxonomy - genus level (custom database based on SILVA taxonomic classification)

Bacteria;Actinobacteria;Actinobacteria;Bifidobacteriales;Bifidobacteriaceae;Bifidobacterium
Bacteria;Bacteroidetes;Bacteroidia;Bacteroidales;Bacteroidaceae;Bacteroides
Bacteria;Bacteroidetes;Bacteroidia;Bacteroidales;Other;Other
Bacteria;Bacteroidetes;Bacteroidia;Bacteroidales;Porphyromonadaceae;Parabacteroides
Bacteria;Bacteroidetes;Bacteroidia;Bacteroidales;S24-7;Barnesiella
Bacteria;Deferribacteres;Deferribacteres;Deferribacterales;Deferribacteraceae;Mucispirillum
Bacteria;Firmicutes;Bacilli;Lactobacillales;Enterococcaceae;Enterococcus
Bacteria;Firmicutes;Bacilli;Lactobacillales;Lactobacillaceae;Lactobacillus
Bacteria;Firmicutes;Clostridia;Clostridiales;Lachnospiraceae;Blautia
Bacteria;Firmicutes;Clostridia;Clostridiales;Lachnospiraceae;Incertae_Sedis
Bacteria;Firmicutes;Clostridia;Clostridiales;Lachnospiraceae;Other
Bacteria;Firmicutes;Clostridia;Clostridiales;Lachnospiraceae;uncultured
Bacteria;Firmicutes;Clostridia;Clostridiales;Other;Other
Bacteria;Firmicutes;Clostridia;Clostridiales;Ruminococcaceae;Flavonifractor
Bacteria;Firmicutes;Clostridia;Clostridiales;Ruminococcaceae;Incertae_Sedis
Bacteria;Firmicutes;Erysipelotrichia;Erysipelotrichales;Erysipelotrichaceae;Incertae_Sedis
Bacteria;Other;Other;Other;Other;Other
Bacteria;Proteobacteria;Betaproteobacteria;Burkholderiales;Alcaligenaceae;Parasutterella
Bacteria;Verrucomicrobia;Verrucomicrobiae;Verrucomicrobiales;Verrucomicrobiaceae;Akkermansia

ASF 5 samples				
381	382	383	384	385
0.000%	0.000%	0.000%	0.000%	0.000%
0.055%	0.000%	0.007%	0.016%	0.254%
0.011%	0.000%	0.000%	0.005%	0.000%
94.488%	97.225%	91.149%	94.258%	95.486%
0.000%	0.032%	0.000%	0.011%	0.030%
0.514%	0.079%	0.563%	1.070%	0.910%
0.000%	0.000%	0.013%	0.000%	0.012%
4.342%	1.459%	7.467%	4.625%	3.155%
0.492%	1.031%	0.755%	0.000%	0.000%
0.022%	0.000%	0.000%	0.005%	0.018%
0.000%	0.016%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%
0.011%	0.000%	0.000%	0.000%	0.000%
0.011%	0.032%	0.020%	0.000%	0.006%
0.000%	0.063%	0.027%	0.011%	0.012%
0.055%	0.063%	0.000%	0.000%	0.118%

Mean	StD
0.00%	0.00%
0.07%	0.11%
0.00%	0.00%
94.52%	2.22%
0.01%	0.02%
0.63%	0.38%
0.01%	0.01%
4.21%	2.21%
0.46%	0.46%
0.01%	0.01%
0.00%	0.01%
0.00%	0.00%
0.00%	0.00%
0.00%	0.00%
0.00%	0.00%
0.00%	0.00%
0.00%	0.00%
0.00%	0.00%
0.00%	0.00%
0.01%	0.01%
0.02%	0.02%
0.05%	0.05%

ASF5 + Oligo-M		
386	387	388
0.000%	0.000%	0.000%
40.527%	35.544%	38.434%
0.008%	0.000%	0.008%
23.213%	23.289%	28.210%
2.083%	2.360%	2.409%
0.016%	0.049%	0.033%
0.000%	0.000%	0.000%
0.264%	0.049%	0.033%
0.225%	0.106%	0.125%
6.699%	21.076%	8.927%
0.008%	0.016%	0.008%
0.000%	0.000%	0.000%
0.000%	0.000%	0.000%
0.241%	0.146%	0.393%
0.000%	0.000%	0.000%
0.132%	0.024%	0.117%
0.008%	0.000%	0.000%
0.878%	0.879%	0.803%
25.699%	16.462%	20.497%

AM 12 samples

390	Mean	StD
0.000%	0.00%	0.00%
37.298%	37.95%	2.09%
0.045%	0.02%	0.02%
22.783%	24.37%	2.57%
1.450%	2.08%	0.44%
0.107%	0.05%	0.04%
0.009%	0.00%	0.00%
0.072%	0.10%	0.11%
0.224%	0.17%	0.06%
26.004%	15.68%	9.34%
0.000%	0.01%	0.01%
0.000%	0.00%	0.00%
0.009%	0.00%	0.00%
0.242%	0.26%	0.10%
0.000%	0.00%	0.00%
0.063%	0.08%	0.05%
0.000%	0.00%	0.00%
0.707%	0.82%	0.08%
10.989%	18.41%	6.23%

391

391	392
0.000%	0.000%
5.395%	2.946%
16.837%	11.340%
0.538%	0.414%
60.617%	71.764%
0.045%	0.059%
0.000%	0.020%
1.761%	2.719%
0.258%	0.227%
1.739%	1.330%
9.411%	6.187%
0.168%	0.197%
0.819%	1.074%
0.931%	0.089%
0.067%	0.059%
0.079%	0.187%
0.583%	0.591%
0.752%	0.788%
0.000%	0.010%

ASF5 + CON samples				
393	394	395	Mean	StD
0.000%	0.046%	0.012%	0.01%	0.02%
4.833%	2.675%	2.381%	3.65%	1.37%
23.699%	9.112%	10.455%	14.29%	6.03%
0.665%	0.370%	0.288%	0.46%	0.15%
48.412%	57.856%	63.929%	60.52%	8.54%
0.211%	0.185%	0.081%	0.12%	0.08%
0.000%	0.012%	0.000%	0.01%	0.01%
2.416%	2.443%	5.199%	2.91%	1.33%
0.359%	1.111%	0.541%	0.50%	0.36%
3.355%	4.597%	2.910%	2.79%	1.31%
12.230%	18.351%	9.708%	11.18%	4.55%
0.158%	0.301%	0.127%	0.19%	0.07%
1.393%	0.799%	1.127%	1.04%	0.25%
0.623%	0.382%	0.380%	0.48%	0.31%
0.390%	0.069%	0.288%	0.17%	0.15%
0.042%	0.197%	0.426%	0.19%	0.15%
0.623%	0.880%	1.415%	0.82%	0.36%
0.580%	0.614%	0.736%	0.69%	0.09%
0.011%	0.000%	0.000%	0.00%	0.01%