



# Nahibu

## Project Report

### Nahibu metagenomics report

Microbiome profiling

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# Project Report

## Nahibu metagenomics report

Microbiome profiling

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**ABSTRACT**

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## Dataset overview

### Basic description

This dataset contains 994 samples, in which a total of 574 species belonging to 183 genera have been identified. After a basic filtering requiring each species or genus to have at least 0.01% abundance in at least 3% of all samples, 192 species and 81 remained.

The species with the highest mean abundance is *Bacteroides vulgatus*, with a mean relative abundance of 17.82%. The most prevalent species is *Faecalibacterium prausnitzii*, with a prevalence of 88.43%. Details on the top five abundant and prevalent species can be found in tables 1 and 2 respectively.

Table 1: Detail of the top 5 most abundant species

Species	Abundance	Prevalence
<i>Bacteroides vulgatus</i>	17.82	83.20
<i>Bacteroides uniformis</i>	9.60	82.09
<i>Bacteroides stercoris</i>	7.37	61.77
<i>Faecalibacterium prausnitzii</i>	7.33	88.43
<i>Prevotella copri</i>	6.35	22.43

Table 2: Detail of the top 5 most prevalent species

Species	Abundance	Prevalence
<i>Faecalibacterium prausnitzii</i>	7.33	88.43
<i>Flavonifractor plautii</i>	0.80	87.73
<i>Bacteroides vulgatus</i>	17.82	83.20
<i>Bacteroides uniformis</i>	9.60	82.09
<i>Bacteroides ovatus</i>	3.07	81.89

Per-sample number of species and genera before and after filtering can be found in table 4 in Appendix .

### Overview of the taxonomic composition

The 20 most abundant species have together an average abundance of 80.49% in the dataset. They represent 9 different genera, 8 different families, 4 different orders, 4 different classes and 4 different phyla.

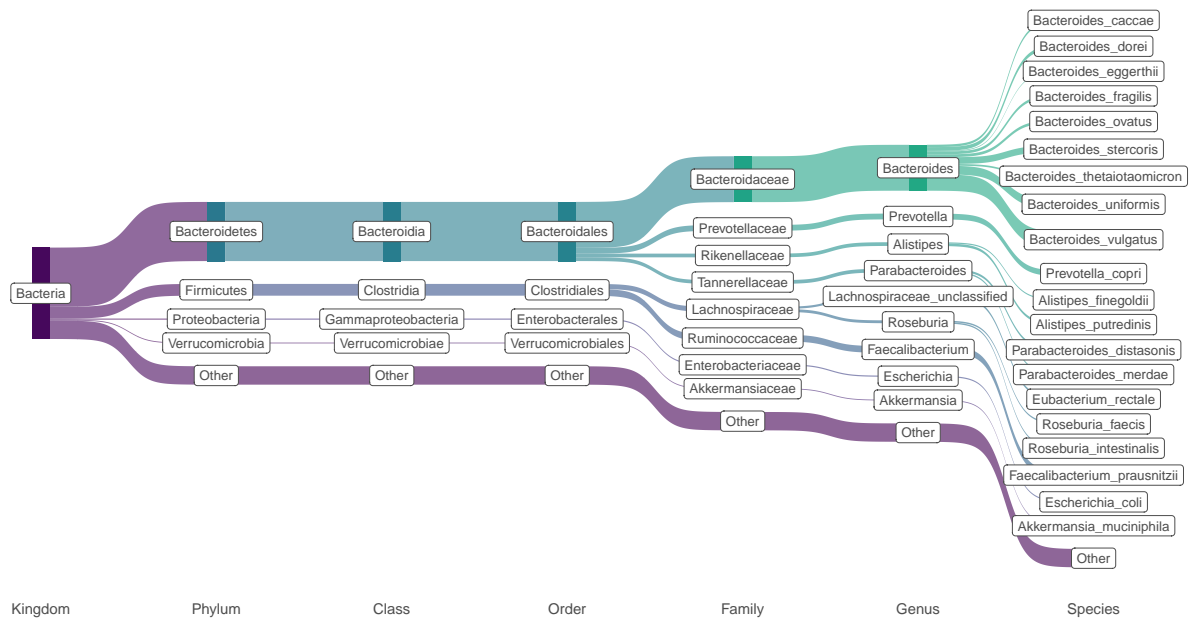


Figure 1: Dataset average composition at different taxonomic levels. This figure represents the average abundance of the 20 most abundant species, along with their taxonomy.

Details on the identity and abundance of the most abundant species and genus for each sample can be found in table 4 in Appendix .

### Sample correlation

To be added in future version?

## Detailed taxonomic composition

### Taxon prevalence

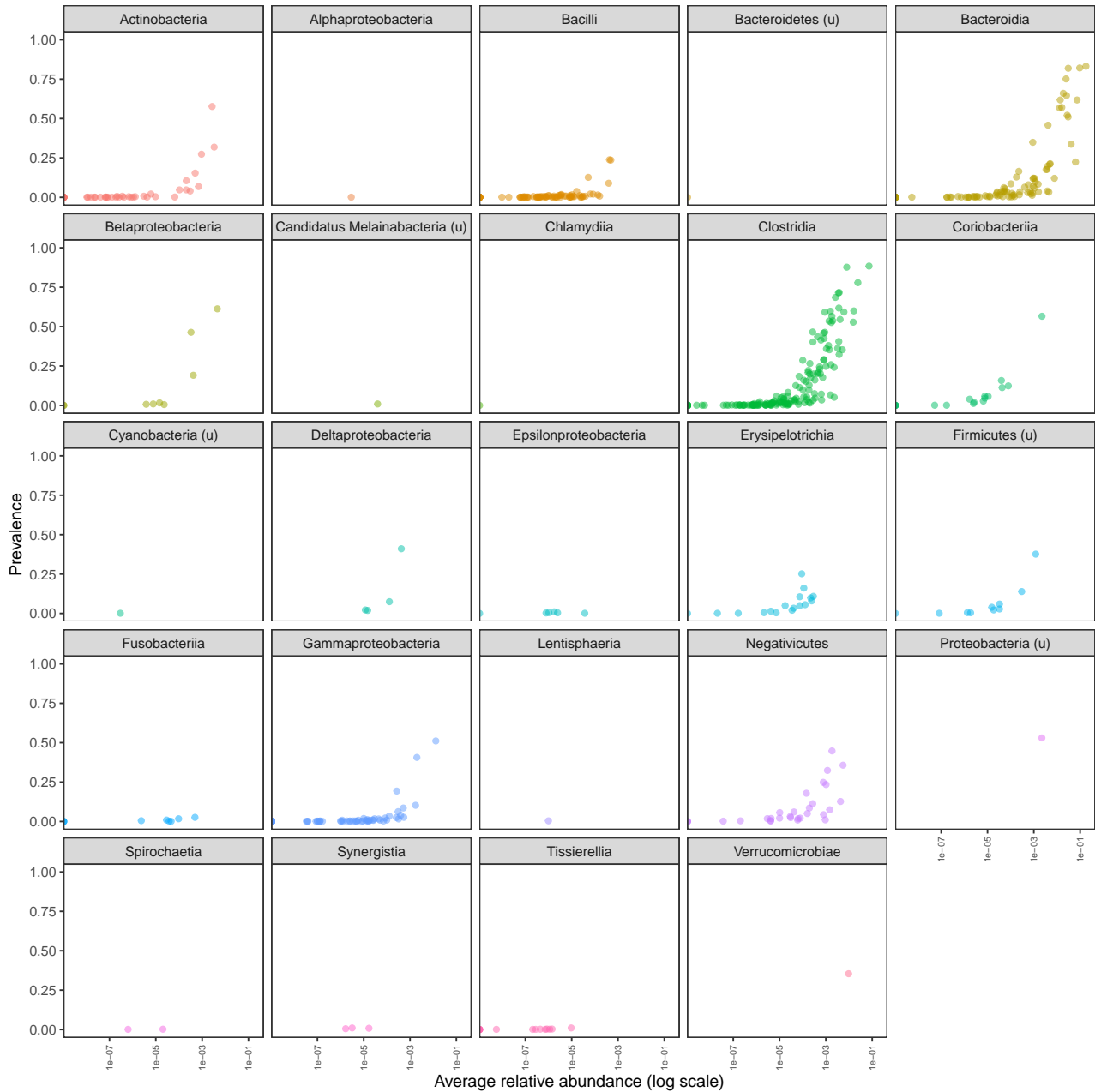


Figure 2: Relative abundance and prevalence of the different species in the dataset, grouped by Class. The prevalence represents the fraction of samples in which a species is found, the relative abundance corresponds to how many percentages of the microbiome are made up of a given species.

## Most abundant classes

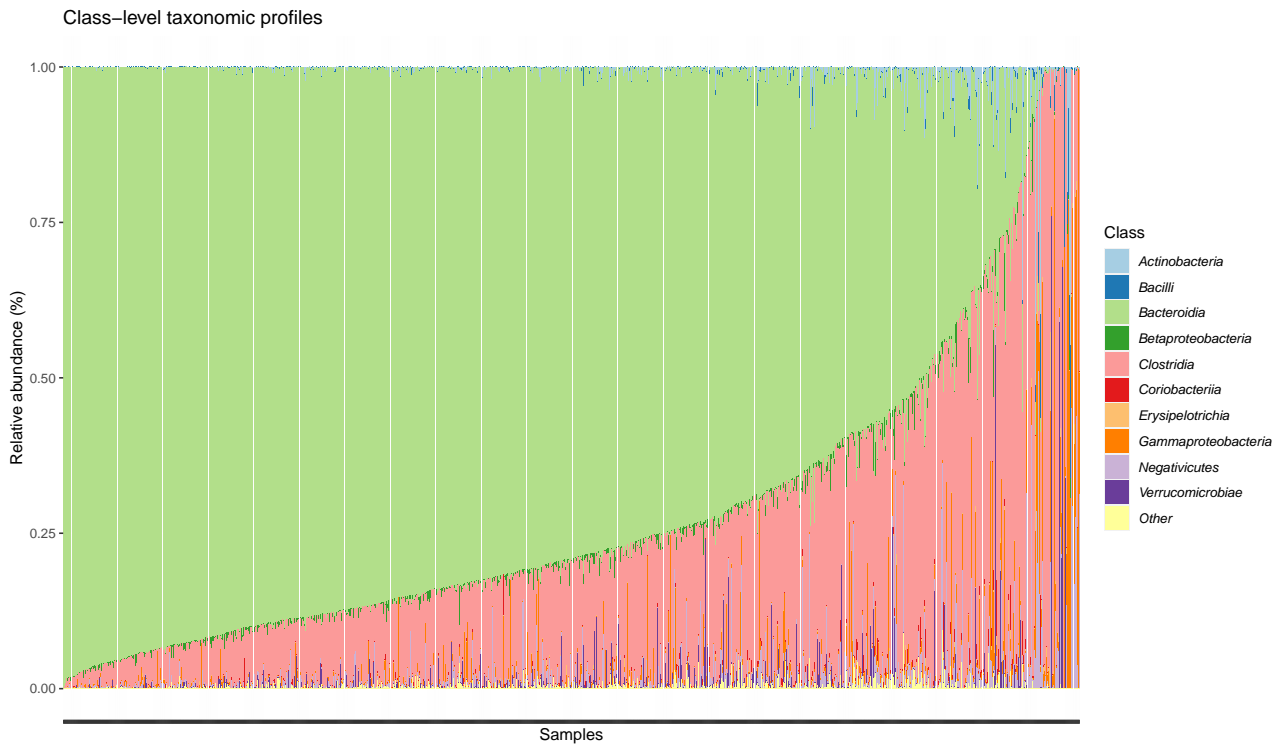


Figure 3: Composition of each sample at the class level. In this stacked bar chart, each sample is represented by a column in the figure, and the abundance of each class is represented by the height of the colored bar. Only the 10 most abundant classes are represented, other classes are grouped and depicted as "Other". Samples are sorted by abundance of the most abundant class *Bacteroidia*.

Most abundant families

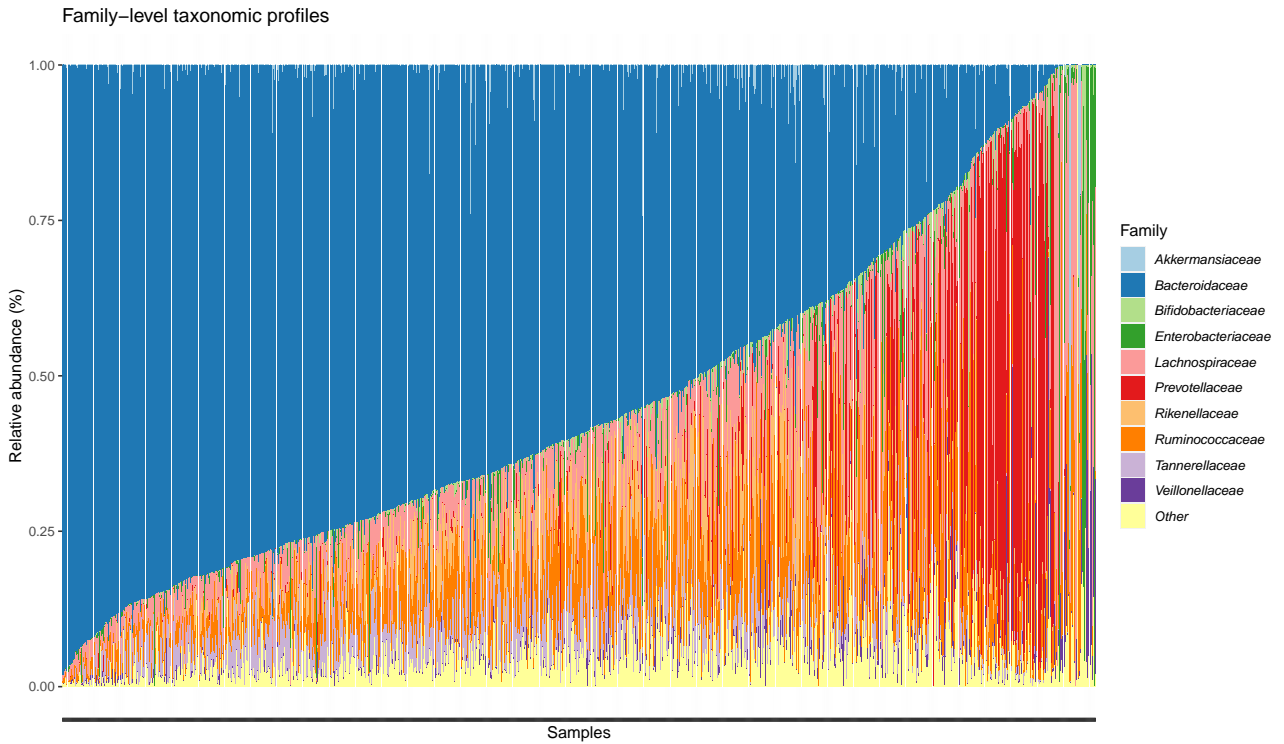


Figure 4: Composition of each sample at the family level. In this stacked bar chart, each sample is represented by a column in the figure, and the abundance of each family is represented by the height of the colored bar. Only the 10 most abundant classes are represented, other classes are grouped and depicted as "Other". Samples are sorted by abundance of the most abundant family *Bacteroidaceae*.



## Most abundant genera

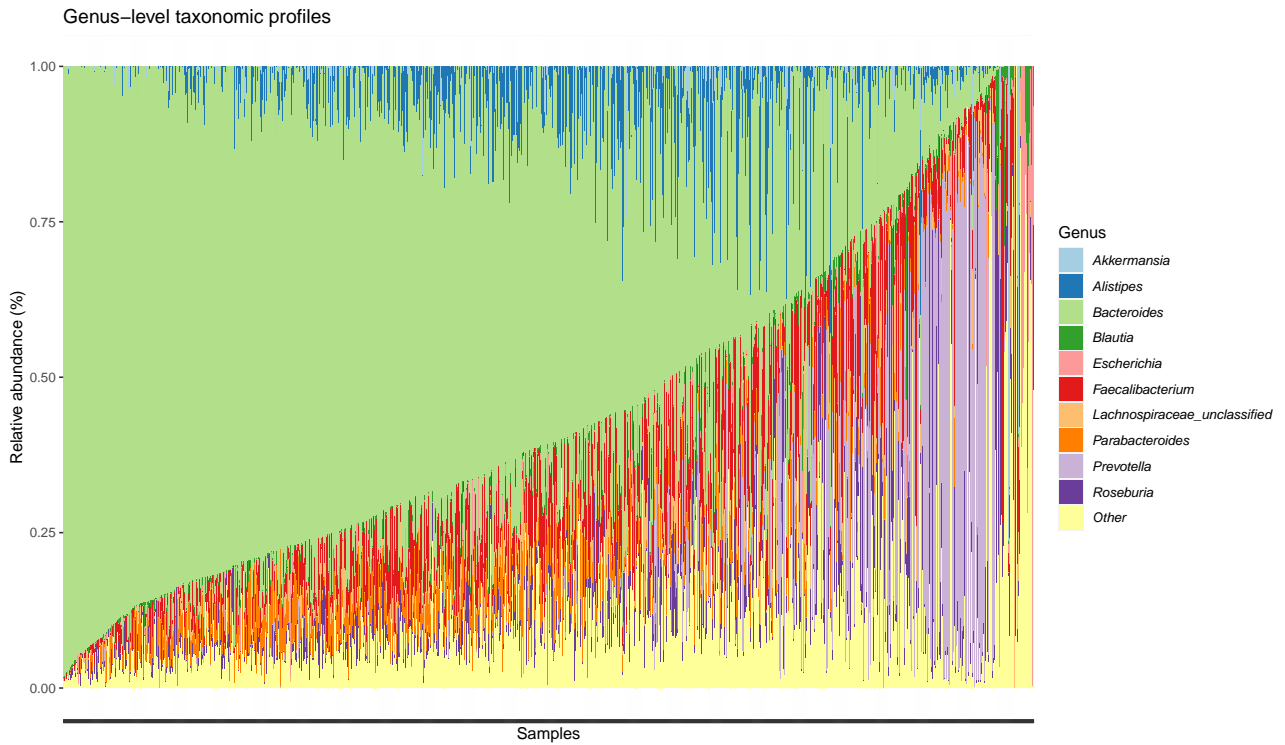


Figure 5: Composition of each sample at the genus level. In this stacked bar chart, each sample is represented by a column in the figure, and the abundance of each genus is represented by the height of the colored bar. Only the 10 most abundant classes are represented, other classes are grouped and depicted as "Other". Samples are sorted by abundance of the most abundant genus *Bacteroides*.

## Most abundant species

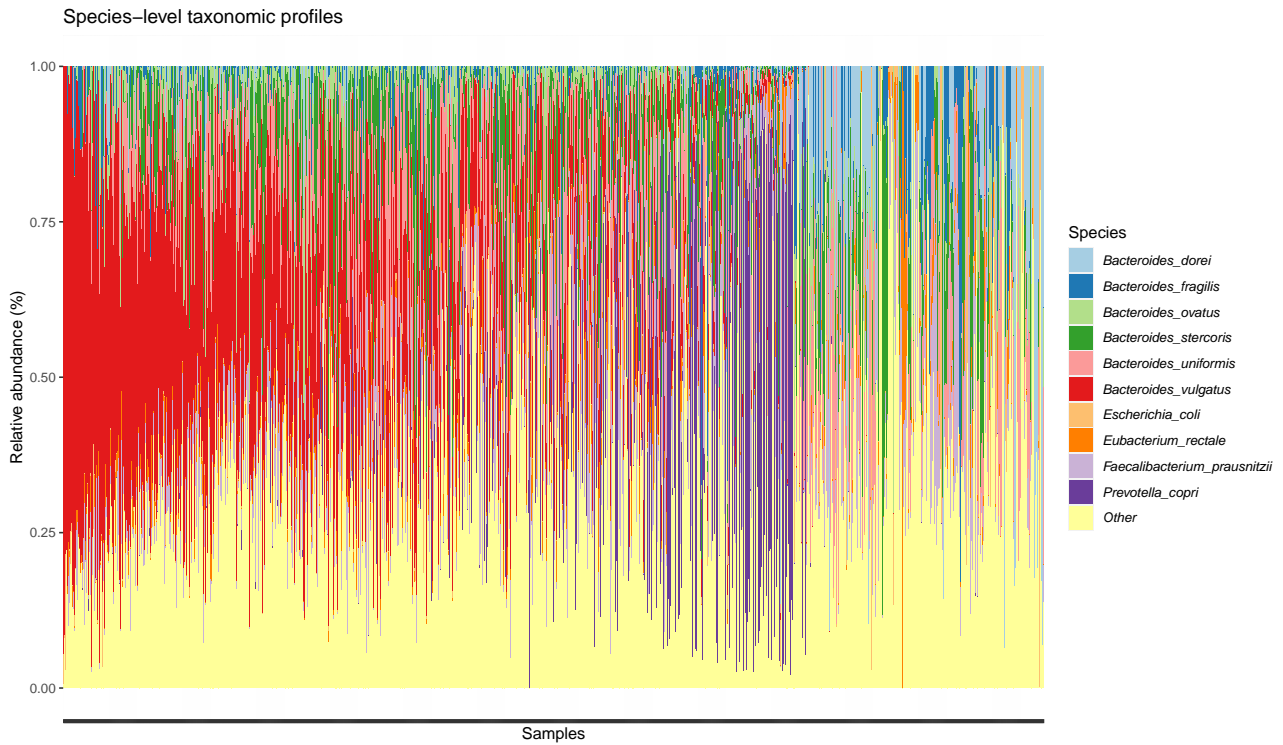


Figure 6: Composition of each sample at the species level. In this stacked bar chart, each sample is represented by a column in the figure, and the abundance of each species is represented by the height of the colored bar. Only the 10 most abundant classes are represented, other classes are grouped and depicted as "Other". Samples are sorted by abundance of the most abundant species *Bacteroides vulgatus*.

## Qualitative analysis and classification

### Sample clustering

Samples were clustered based on relative genus abundances using the Jensen-Shannon divergence between species profiles of samples and the Partitioning Around Medoids (PAM) clustering algorithm. The optimal number of clusters was 2 according the Calinski-Harabasz (CH) Index, defining different microbiome types. This clustering is highly significant after between-class analysis (permutation test: 1000 permutations, p-value < 0.05).

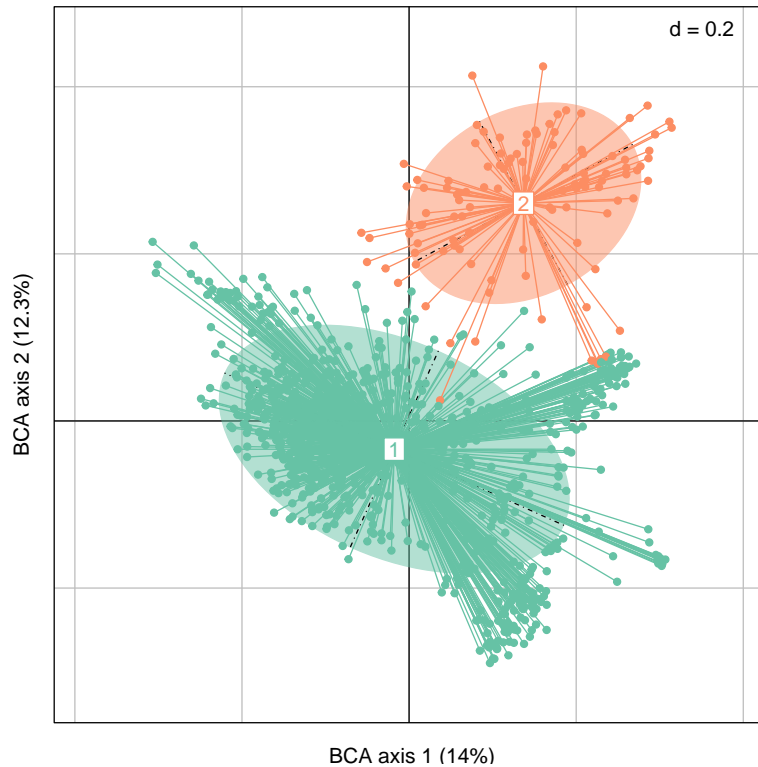
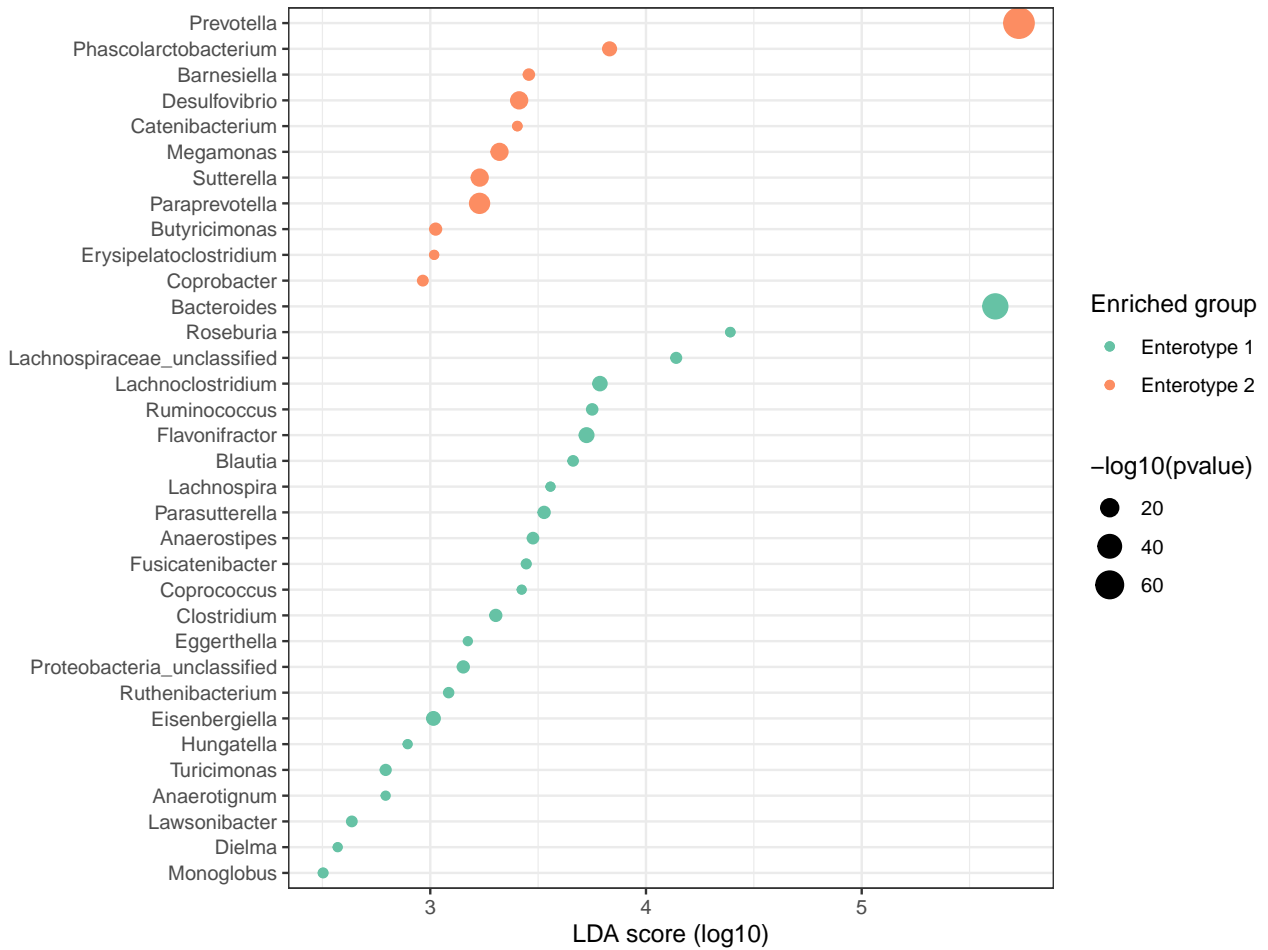


Table 3: Number of samples in each microbiome type

Microbiome	Number of samples
Type 1	880
Type 2	114

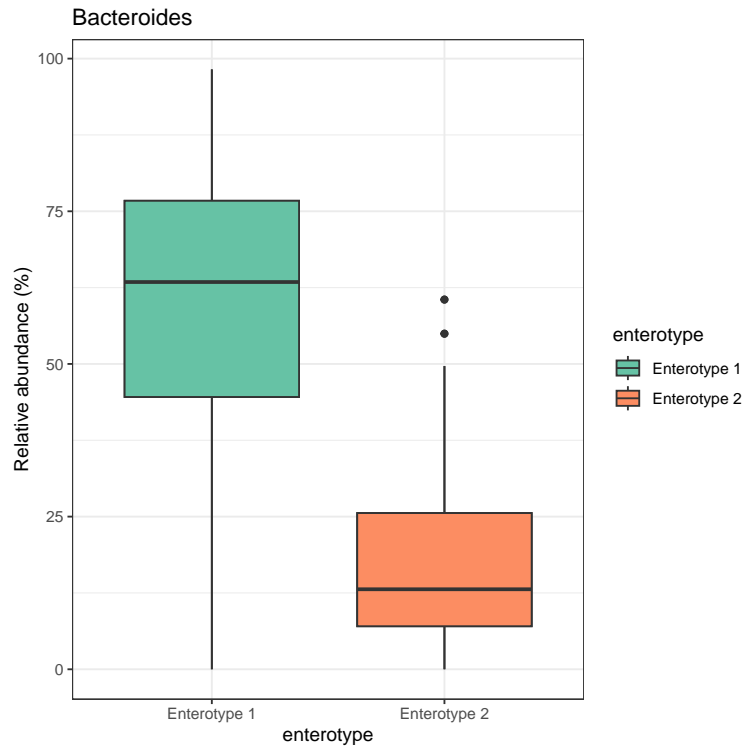
Details on the microbiome type for each sample can be found in table 4 in Appendix.

## Microbiome markers



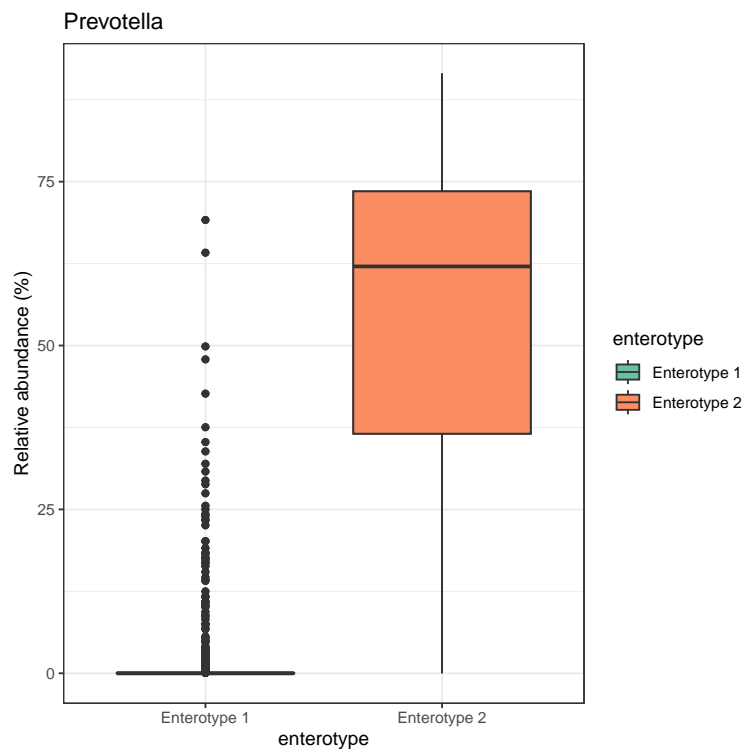
## Microbiome type 1

This microbiome type is defined by a higher abundance of the genus *Bacteroides* (59.00%) relative to other microbiome types. As such, the microbiome type 1 defined here corresponds to the well-established enterotype 1 (Arumugam *et al.*, Nature, 2011).



### Microbiome type 2

This microbiome type is defined by a higher abundance of the genus *Prevotella* (54.80%) relative to other microbiome types. Thus, microbiome type 2 defined here resembles the typical enterotype 2.



## Appendix

### Sample description

Table 4: Sample description

Sample	Species			Genus			Type
	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	
CSM5FZ3NP	33 / 33	<i>Bacteroides vulgatus</i>	42.35	22 / 22	<i>Bifidobacterium</i>	84.07	1
CSM5FZ3RP	49 / 49	<i>Bacteroides vulgatus</i>	51.90	30 / 30	<i>Bifidobacterium</i>	92.40	1
CSM5FZ3TP	16 / 16	<i>Bacteroides vulgatus</i>	68.14	10 / 10	<i>Bifidobacterium</i>	95.69	1
CSM5FZ3VP	44 / 44	<i>Bacteroides uniformis</i>	42.83	27 / 27	<i>Bifidobacterium</i>	92.69	1
CSM5FZ3XP	32 / 32	<i>Bacteroides vulgatus</i>	69.14	16 / 16	<i>Bifidobacterium</i>	93.99	1
CSM5FZ3ZP	25 / 23	<i>Bacteroides vulgatus</i>	45.32	18 / 17	<i>Bifidobacterium</i>	91.33	1
CSM5FZ42P	36 / 33	<i>Bacteroides vulgatus</i>	71.60	21 / 20	<i>Bifidobacterium</i>	85.52	1
CSM5FZ44P	26 / 26	<i>Bacteroides vulgatus</i>	62.78	15 / 15	<i>Bifidobacterium</i>	92.57	1
CSM5FZ46P	17 / 17	<i>Bacteroides vulgatus</i>	59.03	12 / 12	<i>Bifidobacterium</i>	96.97	1
CSM5FZ4AP	45 / 45	<i>Bacteroides stercoris</i>	29.23	31 / 31	<i>Bifidobacterium</i>	91.97	1
CSM5FZ4CP	28 / 28	<i>Bacteroides uniformis</i>	28.75	19 / 19	<i>Bifidobacterium</i>	86.56	1
CSM5FZ4EP	55 / 54	<i>Bacteroides uniformis</i>	39.44	31 / 31	<i>Bifidobacterium</i>	73.26	1
CSM5FZ4GP	62 / 59	<i>Bacteroides uniformis</i>	23.65	37 / 36	<i>Bifidobacterium</i>	60.87	1
CSM5FZ4KP	64 / 62	<i>Bacteroides dorei</i>	26.67	39 / 39	<i>Bifidobacterium</i>	62.55	1
CSM5FZ4M	41 / 39	<i>Bacteroides dorei</i>	36.88	28 / 28	<i>Bifidobacterium</i>	78.20	1
CSM5LLGBP	62 / 57	<i>Bacteroides vulgatus</i>	55.70	38 / 38	<i>Bifidobacterium</i>	57.17	1
CSM5MCTZP	75 / 72	<i>Bacteroides vulgatus</i>	24.07	40 / 40	<i>Bifidobacterium</i>	67.36	1
CSM5MCU4P	40 / 37	<i>Bacteroides dorei</i>	73.94	28 / 28	<i>Bifidobacterium</i>	73.96	1
CSM5MCU8P	73 / 72	<i>Bacteroides uniformis</i>	18.87	40 / 39	<i>Bifidobacterium</i>	53.99	1
CSM5MCUAP	51 / 51	<i>Bacteroides stercoris</i>	28.98	33 / 33	<i>Bifidobacterium</i>	86.49	1
CSM5MCUCP	55 / 55	<i>Bacteroides uniformis</i>	36.34	36 / 36	<i>Bifidobacterium</i>	83.42	1
CSM5MCUEP	80 / 78	<i>Bacteroides uniformis</i>	29.67	48 / 46	<i>Bifidobacterium</i>	68.95	1
CSM5MCUGP	78 / 71	<i>Bacteroides vulgatus</i>	36.88	40 / 38	<i>Bifidobacterium</i>	71.96	1
CSM5MCUKP	79 / 75	<i>Bacteroides vulgatus</i>	30.40	43 / 42	<i>Bifidobacterium</i>	50.65	1
CSM5MCUO	65 / 62	<i>Bacteroides vulgatus</i>	30.75	38 / 37	<i>Bifidobacterium</i>	55.25	1
CSM5MCUQP	77 / 76	<i>Bacteroides dorei</i>	30.87	42 / 41	<i>Bifidobacterium</i>	62.40	1
CSM5MCUJP	65 / 62	<i>Bacteroides dorei</i>	16.08	36 / 35	<i>Bifidobacterium</i>	44.34	1
CSM5MCUWP	65 / 64	<i>Bacteroides dorei</i>	31.15	39 / 38	<i>Bifidobacterium</i>	65.15	1
CSM5MCUYP	64 / 62	<i>Bacteroides dorei</i>	31.38	37 / 36	<i>Bifidobacterium</i>	69.74	1
CSM5MCV1P	21 / 20	<i>Bacteroides dorei</i>	56.20	10 / 10	<i>Bifidobacterium</i>	75.03	1
CSM5MCV5P	44 / 44	<i>Bacteroides vulgatus</i>	30.90	24 / 24	<i>Bifidobacterium</i>	57.92	1
CSM5MCVBP	23 / 22	<i>Bacteroides dorei</i>	83.88	14 / 14	<i>Bifidobacterium</i>	88.40	1
CSM5MCVDP	59 / 59	<i>Bacteroides vulgatus</i>	61.37	36 / 36	<i>Bifidobacterium</i>	91.16	1
CSM5MCVFP	35 / 35	<i>Bacteroides uniformis</i>	46.19	23 / 23	<i>Bifidobacterium</i>	89.58	1
CSM5MCVJP	22 / 21	<i>Bacteroides vulgatus</i>	58.85	14 / 13	<i>Bifidobacterium</i>	96.68	1
CSM5MCVL	23 / 22	<i>Bacteroides vulgatus</i>	57.12	14 / 14	<i>Bifidobacterium</i>	88.93	1
CSM5MCVN	21 / 20	<i>Bacteroides vulgatus</i>	59.73	14 / 13	<i>Bifidobacterium</i>	84.96	1
CSM5MCVVP	45 / 44	<i>Bacteroides dorei</i>	39.74	28 / 28	<i>Bifidobacterium</i>	82.36	1
CSM5MCVZP	39 / 38	<i>Bacteroides dorei</i>	86.61	29 / 28	<i>Bifidobacterium</i>	86.64	1
CSM5MCW4P	35 / 35	<i>Bacteroides dorei</i>	87.56	27 / 27	<i>Bifidobacterium</i>	87.56	1
CSM5MCW6	32 / 32	<i>Bacteroides dorei</i>	79.49	25 / 25	<i>Bifidobacterium</i>	79.49	1
CSM5MCWAP	76 / 71	<i>Veillonella parvula</i>	30.66	38 / 37	<i>Prevotella</i>	30.66	1
CSM5MCWC	34 / 29	<i>Roseburia intestinalis</i>	62.17	22 / 20	<i>Bacteroides</i>	65.30	1
CSM5MCWE	27 / 23	<i>Veillonella parvula</i>	31.32	18 / 17	<i>Prevotella</i>	31.32	1
CSM5MCWG	12 / 8	<i>Escherichia coli</i>	76.74	6 / 5	<i>Chlamydia</i>	76.74	2
CSM5MCWIP	40 / 39	<i>Bacteroides uniformis</i>	42.61	25 / 25	<i>Bifidobacterium</i>	94.23	1
CSM5MCWKP	74 / 66	<i>Bacteroides vulgatus</i>	34.21	44 / 40	<i>Bifidobacterium</i>	66.52	1
CSM5MCWMP	41 / 39	<i>Bacteroides dorei</i>	47.73	27 / 27	<i>Bifidobacterium</i>	81.38	1
CSM5MCWQ	54 / 52	<i>Bacteroides dorei</i>	23.63	32 / 32	<i>Bifidobacterium</i>	53.28	1
CSM5MCX3	72 / 67	<i>Bacteroides vulgatus</i>	34.24	40 / 39	<i>Bifidobacterium</i>	59.61	1
CSM5MCXBP	81 / 80	<i>Roseburia faecis</i>	29.50	42 / 41	<i>Bacteroides</i>	31.10	1
CSM5MCXD	45 / 45	<i>Bacteroides vulgatus</i>	49.85	29 / 29	<i>Bifidobacterium</i>	81.08	1
CSM5MCXFP	44 / 42	<i>Bacteroides vulgatus</i>	28.91	30 / 29	<i>Bifidobacterium</i>	52.71	1
CSM5MCXH	48 / 45	<i>Bacteroides uniformis</i>	42.14	34 / 31	<i>Bifidobacterium</i>	89.59	1
CSM5MCXJ	45 / 45	<i>Bacteroides uniformis</i>	37.21	31 / 31	<i>Bifidobacterium</i>	86.04	1
CSM5MCXL	50 / 50	<i>Bacteroides vulgatus</i>	28.66	33 / 33	<i>Bifidobacterium</i>	80.93	1
CSM5MCXN	52 / 48	<i>Faecalibacterium prausnitzii</i>	21.24	35 / 33	<i>Bifidobacterium</i>	36.20	1
CSM5MCXP	53 / 53	<i>Bacteroides uniformis</i>	25.84	33 / 33	<i>Bifidobacterium</i>	73.71	1
CSM5MCXR	48 / 48	<i>Bacteroides uniformis</i>	25.58	33 / 33	<i>Bifidobacterium</i>	74.46	1
CSM5MCXT	42 / 41	<i>Bacteroides vulgatus</i>	31.51	26 / 26	<i>Bifidobacterium</i>	63.65	1

Continuation of Table 4

Sample	Species			Genus			Type
	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	
CSM5MCXV	55 / 54	<i>Bacteroides vulgatus</i>	34.93	33 / 33	<i>Bifidobacterium</i>	57.75	1
CSM5MCXXP	65 / 65	<i>Bacteroides vulgatus</i>	33.82	41 / 41	<i>Bifidobacterium</i>	58.31	1
CSM5MCXZP	42 / 41	<i>Alistipes putredinis</i>	21.35	25 / 25	<i>Bifidobacterium</i>	45.18	1
CSM5MCY2	58 / 57	<i>Bacteroides vulgatus</i>	36.73	34 / 34	<i>Bifidobacterium</i>	62.01	1
CSM5MCY4	61 / 59	<i>Bacteroides dorei</i>	31.32	36 / 35	<i>Bifidobacterium</i>	74.45	1
CSM5MCY8	63 / 61	<i>Bacteroides dorei</i>	30.90	36 / 35	<i>Bifidobacterium</i>	70.90	1
CSM5MCYIP	63 / 62	<i>Roseburia faecis</i>	28.60	33 / 33	<i>Bifidobacterium</i>	38.44	1
CSM5MCYMP	79 / 76	<i>Bacteroides stercoris</i>	14.33	42 / 41	<i>Bifidobacterium</i>	47.39	1
CSM5MCYOP	91 / 91	<i>Bacteroides vulgatus</i>	18.03	47 / 47	<i>Bifidobacterium</i>	41.06	1
CSM5MCYQP	61 / 60	<i>Coprococcus eutactus</i>	19.61	33 / 33	<i>Bifidobacterium</i>	36.28	1
CSM5MCYS	52 / 51	<i>Bacteroides caccae</i>	35.09	36 / 36	<i>Bifidobacterium</i>	66.44	1
CSM5MCYUP	29 / 29	<i>Prevotella copri</i>	50.57	19 / 19	<i>Kocuria</i>	50.96	2
CSM5MCYW	35 / 35	<i>Bacteroides dorei</i>	76.71	27 / 27	<i>Bifidobacterium</i>	76.71	1
CSM5MCZ3	42 / 38	<i>Bacteroides dorei</i>	53.52	30 / 30	<i>Bifidobacterium</i>	53.52	1
CSM5MCZ5	41 / 40	<i>Bacteroides dorei</i>	42.41	30 / 30	<i>Bifidobacterium</i>	42.41	1
CSM5MCZ7	36 / 35	<i>Bacteroides dorei</i>	71.05	28 / 28	<i>Bifidobacterium</i>	71.05	1
CSM5MCZB	57 / 56	<i>Bacteroides stercoris</i>	35.16	34 / 34	<i>Bifidobacterium</i>	77.14	1
CSM5MCZD	57 / 51	<i>Bacteroides uniformis</i>	18.35	39 / 36	<i>Bifidobacterium</i>	44.33	1
CSM5MCZF	50 / 48	<i>Bacteroides uniformis</i>	26.60	31 / 30	<i>Bifidobacterium</i>	50.72	1
CSM5YRY7P	39 / 37	<i>Bacteroides uniformis</i>	31.56	26 / 26	<i>Bifidobacterium</i>	94.17	1
CSM67U9B	55 / 51	<i>Eubacterium rectale</i>	16.58	36 / 34	<i>Bifidobacterium</i>	34.88	1
CSM67U9D	54 / 49	<i>Bacteroides uniformis</i>	20.81	35 / 32	<i>Bifidobacterium</i>	45.86	1
CSM67U9HP	49 / 43	<i>Prevotella copri</i>	74.54	26 / 25	<i>Kocuria</i>	77.17	2
CSM67U9H	35 / 31	<i>Prevotella copri</i>	73.10	21 / 20	<i>Kocuria</i>	75.25	2
CSM67U9J	35 / 35	<i>Bacteroides uniformis</i>	48.23	24 / 24	<i>Bifidobacterium</i>	88.22	1
CSM67U9N	28 / 25	<i>Prevotella copri</i>	16.53	18 / 17	<i>Bifidobacterium</i>	48.82	1
CSM67U9PP	25 / 25	<i>Bacteroides uniformis</i>	31.66	16 / 16	<i>Bifidobacterium</i>	60.32	1
CSM67U9RP	34 / 33	<i>Bacteroides uniformis</i>	35.24	19 / 19	<i>Bifidobacterium</i>	75.38	1
CSM67U9TP	45 / 45	<i>Bacteroides uniformis</i>	27.68	24 / 24	<i>Bifidobacterium</i>	77.90	1
CSM67U9VP	38 / 37	<i>Bacteroides uniformis</i>	27.85	24 / 24	<i>Bifidobacterium</i>	70.08	1
CSM67U9XP	72 / 71	<i>Bacteroides vulgatus</i>	62.25	41 / 41	<i>Bifidobacterium</i>	84.80	1
CSM67UA2	35 / 35	<i>Bacteroides vulgatus</i>	36.70	23 / 23	<i>Bifidobacterium</i>	84.57	1
CSM67UAA	57 / 50	<i>Veillonella parvula</i>	27.48	31 / 28	<i>Prevotella</i>	27.50	1
CSM67UAG	41 / 28	<i>Veillonella parvula</i>	17.74	20 / 18	<i>Prevotella</i>	18.91	1
CSM67UAIP	31 / 28	<i>Clostridium bolteae</i>	32.96	16 / 16	<i>Bacteroides</i>	53.58	1
CSM67UAK	50 / 46	<i>Bacteroides dorei</i>	31.86	29 / 28	<i>Bifidobacterium</i>	79.18	1
CSM67UAM	42 / 41	<i>Bacteroides dorei</i>	34.92	25 / 25	<i>Bifidobacterium</i>	72.85	1
CSM67UAO	50 / 48	<i>Bacteroides uniformis</i>	32.07	28 / 28	<i>Bifidobacterium</i>	84.40	1
CSM67UAQ	30 / 29	<i>Bacteroides uniformis</i>	30.80	19 / 19	<i>Bifidobacterium</i>	85.84	1
CSM67UAS	53 / 50	<i>Bacteroides uniformis</i>	41.65	30 / 30	<i>Bifidobacterium</i>	80.11	1
CSM67UAU	45 / 43	<i>Bacteroides vulgatus</i>	32.16	28 / 27	<i>Bifidobacterium</i>	50.50	1
CSM67UAW	40 / 39	<i>Bacteroides vulgatus</i>	35.88	25 / 25	<i>Bifidobacterium</i>	48.96	1
CSM67UAY	45 / 42	<i>Bacteroides vulgatus</i>	33.10	29 / 27	<i>Bifidobacterium</i>	54.00	1
CSM67UB1	47 / 44	<i>Bacteroides vulgatus</i>	37.20	33 / 31	<i>Bifidobacterium</i>	55.96	1
CSM67UB3	47 / 44	<i>Bacteroides vulgatus</i>	38.11	31 / 29	<i>Bifidobacterium</i>	50.64	1
CSM67UB5P	49 / 49	<i>Bacteroides vulgatus</i>	26.28	30 / 30	<i>Bifidobacterium</i>	82.22	1
CSM67UB7P	58 / 58	<i>Bacteroides vulgatus</i>	34.65	34 / 34	<i>Bifidobacterium</i>	75.14	1
CSM67UB9P	37 / 37	<i>Bacteroides vulgatus</i>	57.30	20 / 20	<i>Bifidobacterium</i>	97.46	1
CSM67UB9	35 / 35	<i>Bacteroides vulgatus</i>	59.53	17 / 17	<i>Bifidobacterium</i>	98.12	1
CSM67UBB	33 / 33	<i>Bacteroides stercoris</i>	50.06	25 / 25	<i>Bifidobacterium</i>	76.36	1
CSM67UBF	18 / 18	<i>Bacteroides vulgatus</i>	58.73	11 / 11	<i>Bifidobacterium</i>	80.90	1
CSM67UBH	26 / 26	<i>Bacteroides vulgatus</i>	46.87	16 / 16	<i>Bifidobacterium</i>	78.52	1
CSM67UBN	23 / 22	<i>Bacteroides vulgatus</i>	67.65	15 / 14	<i>Bifidobacterium</i>	86.41	1
CSM67UBR	17 / 17	<i>Bacteroides vulgatus</i>	55.65	13 / 13	<i>Bifidobacterium</i>	82.19	1
CSM67UBX	59 / 58	<i>Bacteroides uniformis</i>	28.94	36 / 35	<i>Bifidobacterium</i>	71.64	1
CSM67UBZ	55 / 53	<i>Bacteroides dorei</i>	30.83	33 / 33	<i>Bifidobacterium</i>	70.01	1
CSM67UC6	59 / 57	<i>Bacteroides dorei</i>	39.27	37 / 37	<i>Bifidobacterium</i>	66.38	1
CSM67UCK	43 / 41	<i>Bacteroides vulgatus</i>	17.13	24 / 24	<i>Bifidobacterium</i>	57.18	1
CSM67UCUP	42 / 40	<i>Alistipes putredinis</i>	25.35	27 / 27	<i>Bifidobacterium</i>	54.83	1
CSM67UDF	44 / 44	<i>Bacteroides vulgatus</i>	29.66	31 / 31	<i>Bifidobacterium</i>	81.76	1
CSM67UDJ	46 / 46	<i>Bacteroides uniformis</i>	29.35	32 / 32	<i>Bifidobacterium</i>	84.20	1
CSM67UDN	49 / 49	<i>Bacteroides vulgatus</i>	27.14	34 / 34	<i>Bifidobacterium</i>	80.62	1
CSM67UDRTR	40 / 40	<i>Bacteroides vulgatus</i>	31.79	27 / 27	<i>Bifidobacterium</i>	56.93	1
CSM67UDR	30 / 30	<i>Bacteroides vulgatus</i>	31.13	22 / 22	<i>Bifidobacterium</i>	64.25	1
CSM67UDY	44 / 44	<i>Bacteroides vulgatus</i>	27.95	31 / 31	<i>Bifidobacterium</i>	83.42	1
CSM67UE3	56 / 53	<i>Bacteroides dorei</i>	27.17	33 / 32	<i>Bifidobacterium</i>	68.87	1

Continuation of Table 4

Sample	Species			Genus			Type
	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	
CSM67UE7	54 / 50	<i>Bacteroides uniformis</i>	25.73	36 / 34	<i>Bifidobacterium</i>	50.74	1
CSM67UEA	50 / 48	<i>Bacteroides vulgatus</i>	32.67	31 / 31	<i>Bifidobacterium</i>	57.24	1
CSM67UEI	49 / 46	<i>Bacteroides dorei</i>	20.06	29 / 27	<i>Bifidobacterium</i>	47.22	1
CSM67UEM	32 / 32	<i>Bacteroides dorei</i>	24.20	17 / 17	<i>Bifidobacterium</i>	69.01	1
CSM67UEPP	52 / 51	<i>Bacteroides stercoris</i>	19.50	27 / 27	<i>Bifidobacterium</i>	33.58	1
CSM67UETP	38 / 38	<i>Coprococcus eutactus</i>	25.40	22 / 22	<i>Bifidobacterium</i>	30.89	1
CSM67UEWP	58 / 57	<i>Faecalibacterium prausnitzii</i>	40.72	29 / 29	<i>Butyricimonas</i>	40.72	1
CSM67UEWTR	53 / 52	<i>Faecalibacterium prausnitzii</i>	38.01	27 / 27	<i>Butyricimonas</i>	38.01	1
CSM67UEW	52 / 51	<i>Faecalibacterium prausnitzii</i>	35.36	26 / 26	<i>Butyricimonas</i>	35.36	1
CSM67UF1P	64 / 64	<i>Coprococcus eutactus</i>	21.04	35 / 35	<i>Bifidobacterium</i>	32.62	1
CSM67UF1	53 / 53	<i>Coprococcus eutactus</i>	16.53	28 / 28	<i>Bifidobacterium</i>	33.50	1
CSM67UF5	55 / 55	<i>Lachnospira pectinoschiza</i>	14.54	29 / 29	<i>Bacteroides</i>	23.24	1
CSM67UFV	75 / 70	<i>Bacteroides vulgatus</i>	25.68	39 / 39	<i>Bifidobacterium</i>	66.44	1
CSM67UFZ	64 / 61	<i>Bacteroides vulgatus</i>	29.40	34 / 34	<i>Bifidobacterium</i>	76.23	1
CSM67UG8	68 / 65	<i>Bacteroides vulgatus</i>	27.35	38 / 38	<i>Bifidobacterium</i>	62.66	1
CSM67UGC	22 / 22	<i>Bacteroides caccae</i>	26.47	17 / 17	<i>Bifidobacterium</i>	62.63	1
CSM67UGO	46 / 41	<i>Eubacterium rectale</i>	28.41	31 / 28	<i>Bifidobacterium</i>	38.94	1
CSM67UH7	59 / 59	<i>Akkermansia muciniphila</i>	54.70	35 / 35	<i>Enterococcus</i>	54.70	1
CSM6J2H9P	67 / 65	<i>Bacteroides vulgatus</i>	23.15	34 / 34	<i>Bifidobacterium</i>	54.07	1
CSM79HG5	28 / 28	<i>Bacteroides vulgatus</i>	39.24	18 / 18	<i>Bifidobacterium</i>	97.12	1
CSM79HG7P	49 / 48	<i>Bacteroides vulgatus</i>	39.18	31 / 31	<i>Bifidobacterium</i>	55.40	1
CSM79HGDP	43 / 43	<i>Bacteroides uniformis</i>	13.11	24 / 24	<i>Bifidobacterium</i>	55.02	1
CSM79HGFP	51 / 48	<i>Bacteroides uniformis</i>	18.67	29 / 27	<i>Bifidobacterium</i>	43.67	1
CSM79HGF	54 / 46	<i>Bacteroides uniformis</i>	19.22	34 / 29	<i>Bifidobacterium</i>	44.27	1
CSM79HGHP	29 / 29	<i>Bacteroides uniformis</i>	26.31	16 / 16	<i>Bifidobacterium</i>	57.64	1
CSM79HGJP	22 / 21	<i>Bacteroides uniformis</i>	39.70	12 / 12	<i>Bifidobacterium</i>	60.54	2
CSM79HGLP	38 / 32	<i>Prevotella sp CAG 891</i>	18.09	24 / 22	<i>Bifidobacterium</i>	54.60	1
CSM79HGPNP	41 / 35	<i>Prevotella copri</i>	80.56	26 / 23	<i>Kocuria</i>	84.49	2
CSM79HGP	45 / 45	<i>Bacteroides uniformis</i>	36.25	30 / 30	<i>Bifidobacterium</i>	81.95	1
CSM79HGPR	46 / 46	<i>Bacteroides vulgatus</i>	20.17	29 / 29	<i>Bifidobacterium</i>	45.16	1
CSM79HGVP	72 / 70	<i>Bacteroides vulgatus</i>	20.46	37 / 37	<i>Bifidobacterium</i>	49.31	1
CSM79HGXX	48 / 48	<i>Bacteroides vulgatus</i>	35.76	27 / 27	<i>Bifidobacterium</i>	66.03	1
CSM79HGZ	49 / 49	<i>Alistipes finegoldii</i>	20.67	30 / 30	<i>Bifidobacterium</i>	40.53	1
CSM79HH2P	83 / 78	<i>Prevotella sp 885</i>	22.52	46 / 44	<i>Bifidobacterium</i>	38.03	1
CSM79HH4	49 / 46	<i>Prevotella sp 885</i>	33.85	31 / 30	<i>Kocuria</i>	33.85	1
CSM79HH8	64 / 59	<i>Acidaminococcus intestini</i>	22.89	39 / 37	<i>Bifidobacterium</i>	34.39	1
CSM79HHA	56 / 52	<i>Acidaminococcus intestini</i>	29.18	35 / 33	<i>Bifidobacterium</i>	29.45	1
CSM79HHM	70 / 62	<i>Bacteroides stercoris</i>	31.42	39 / 37	<i>Bifidobacterium</i>	67.03	1
CSM79HHO	74 / 64	<i>Bacteroides dorei</i>	19.52	37 / 35	<i>Bifidobacterium</i>	53.46	1
CSM79HHU	54 / 47	<i>Bacteroides stercoris</i>	20.94	25 / 24	<i>Bifidobacterium</i>	67.75	1
CSM79HHWP	41 / 41	<i>Bacteroides vulgatus</i>	56.62	30 / 30	<i>Bifidobacterium</i>	82.98	1
CSM79HHW	36 / 36	<i>Bacteroides vulgatus</i>	56.91	25 / 25	<i>Bifidobacterium</i>	82.18	1
CSM79HI3	32 / 24	<i>Veillonella parvula</i>	38.16	16 / 12	<i>Prevotella</i>	38.17	1
CSM79HI7	29 / 22	<i>Veillonella parvula</i>	25.28	15 / 13	<i>Prevotella</i>	25.28	1
CSM79HIB	42 / 30	<i>Ruminococcus gnavus</i>	45.69	20 / 17	<i>Bacteroides</i>	52.29	1
CSM79HID	40 / 38	<i>Bacteroides ovatus</i>	34.76	27 / 27	<i>Bifidobacterium</i>	79.34	1
CSM79HIF	40 / 38	<i>Bacteroides ovatus</i>	32.94	25 / 25	<i>Bifidobacterium</i>	86.76	1
CSM79HIH	40 / 38	<i>Bacteroides uniformis</i>	29.14	25 / 25	<i>Bifidobacterium</i>	85.55	1
CSM79HIJ	51 / 49	<i>Bacteroides uniformis</i>	45.15	27 / 27	<i>Bifidobacterium</i>	85.97	1
CSM79HIL	39 / 39	<i>Bacteroides uniformis</i>	56.59	26 / 26	<i>Bifidobacterium</i>	87.06	1
CSM79HIN	48 / 46	<i>Bacteroides dorei</i>	34.54	29 / 29	<i>Bifidobacterium</i>	70.39	1
CSM79HIR	49 / 47	<i>Bacteroides vulgatus</i>	36.64	33 / 33	<i>Bifidobacterium</i>	62.60	1
CSM79HIT	52 / 49	<i>Bacteroides vulgatus</i>	25.12	35 / 33	<i>Bifidobacterium</i>	46.80	1
CSM79HIV	52 / 49	<i>Bacteroides vulgatus</i>	36.15	36 / 34	<i>Bifidobacterium</i>	63.10	1
CSM79HIX	40 / 40	<i>Bacteroides vulgatus</i>	29.67	24 / 24	<i>Bifidobacterium</i>	74.51	1
CSM79HIZ	47 / 47	<i>Bacteroides uniformis</i>	26.20	30 / 30	<i>Bifidobacterium</i>	54.08	1
CSM79HJ2P	39 / 39	<i>Bacteroides vulgatus</i>	55.44	25 / 25	<i>Bifidobacterium</i>	82.91	1
CSM79HJ4P	41 / 41	<i>Bacteroides vulgatus</i>	51.10	25 / 25	<i>Bifidobacterium</i>	83.80	1
CSM79HJ6P	49 / 49	<i>Alistipes finegoldii</i>	25.09	31 / 31	<i>Bifidobacterium</i>	33.18	1
CSM79HJ8P	54 / 53	<i>Bacteroides vulgatus</i>	29.14	32 / 31	<i>Bifidobacterium</i>	63.23	1
CSM79HJA	43 / 43	<i>Bacteroides vulgatus</i>	37.75	27 / 27	<i>Bifidobacterium</i>	78.08	1
CSM79HJCP	64 / 64	<i>Bacteroides vulgatus</i>	44.38	38 / 38	<i>Bifidobacterium</i>	70.64	1
CSM79HJIP	75 / 69	<i>Escherichia coli</i>	17.78	45 / 43	<i>Bifidobacterium</i>	38.56	1
CSM79HJM	49 / 49	<i>Bacteroides vulgatus</i>	46.94	31 / 31	<i>Bifidobacterium</i>	76.15	1
CSM79HJO	47 / 46	<i>Bacteroides vulgatus</i>	54.19	30 / 30	<i>Bifidobacterium</i>	77.70	1
CSM79HJQ	13 / 13	<i>Roseburia intestinalis</i>	48.29	9 / 9	<i>Bacteroides</i>	48.29	1



Continuation of Table 4

Sample	Species			Genus			Type
	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	
CSM79HJS	49 / 49	<i>Bacteroides vulgatus</i>	48.41	28 / 28	<i>Bifidobacterium</i>	75.95	1
CSM79HJU	37 / 36	<i>Bacteroides ovatus</i>	46.23	21 / 20	<i>Bifidobacterium</i>	72.18	1
CSM79HJW	24 / 23	<i>Bacteroides vulgatus</i>	63.47	13 / 13	<i>Bifidobacterium</i>	88.69	1
CSM79HJY	22 / 21	<i>Bacteroides vulgatus</i>	52.71	14 / 13	<i>Bifidobacterium</i>	73.07	1
CSM79HK9	53 / 51	<i>Bacteroides vulgatus</i>	38.59	31 / 31	<i>Bifidobacterium</i>	66.92	1
CSM79HKB	40 / 40	<i>Bacteroides vulgatus</i>	45.35	24 / 24	<i>Bifidobacterium</i>	71.45	1
CSM79HKT	34 / 33	<i>Bacteroides dorei</i>	78.52	27 / 27	<i>Bifidobacterium</i>	78.52	1
CSM79HKV	37 / 36	<i>Bacteroides dorei</i>	79.19	28 / 28	<i>Bifidobacterium</i>	79.19	1
CSM79HKX	55 / 54	<i>Bacteroides vulgatus</i>	27.03	32 / 32	<i>Bifidobacterium</i>	73.57	1
CSM79HKZ	52 / 52	<i>Bacteroides vulgatus</i>	30.39	31 / 31	<i>Bifidobacterium</i>	81.02	1
CSM79HL4	45 / 45	<i>Bacteroides uniformis</i>	28.42	27 / 27	<i>Bifidobacterium</i>	73.27	1
CSM79HL6	49 / 49	<i>Bacteroides uniformis</i>	26.90	29 / 29	<i>Bifidobacterium</i>	65.87	1
CSM79HLATR	66 / 63	<i>Bacteroides uniformis</i>	20.83	43 / 41	<i>Bifidobacterium</i>	61.02	1
CSM79HLA	73 / 68	<i>Eubacterium rectale</i>	13.93	46 / 43	<i>Bifidobacterium</i>	48.33	1
CSM79HLC	55 / 55	<i>Bacteroides stercoris</i>	36.16	35 / 35	<i>Bifidobacterium</i>	81.75	1
CSM79HLE	41 / 41	<i>Bacteroides vulgatus</i>	38.30	29 / 29	<i>Bifidobacterium</i>	83.30	1
CSM79HLG	51 / 51	<i>Bacteroides uniformis</i>	24.10	37 / 37	<i>Bifidobacterium</i>	66.60	1
CSM79HLI	42 / 42	<i>Bacteroides stercoris</i>	39.71	30 / 30	<i>Bifidobacterium</i>	83.66	1
CSM79HLK	39 / 39	<i>Bacteroides stercoris</i>	24.78	28 / 28	<i>Bifidobacterium</i>	81.39	1
CSM79HLM	55 / 53	<i>Bacteroides dorei</i>	30.64	36 / 36	<i>Bifidobacterium</i>	73.63	1
CSM79HMM1	65 / 60	<i>Coprococcus eutactus</i>	18.49	36 / 34	<i>Bifidobacterium</i>	53.36	1
CSM79HMM5P	38 / 37	<i>Prevotella sp 885</i>	30.78	25 / 25	<i>Bifidobacterium</i>	38.87	1
CSM79HM7	63 / 62	<i>Roseburia intestinalis</i>	15.13	36 / 36	<i>Bacteroides</i>	30.67	1
CSM79HM9P	94 / 89	<i>Prevotella copri</i>	25.63	47 / 46	<i>Kocuria</i>	38.65	2
CSM79HMN	57 / 54	<i>Bacteroides vulgatus</i>	28.36	31 / 31	<i>Bifidobacterium</i>	59.12	1
CSM79HMP	66 / 63	<i>Bacteroides vulgatus</i>	29.90	38 / 38	<i>Bifidobacterium</i>	59.87	1
CSM79HMT	62 / 59	<i>Bacteroides vulgatus</i>	29.25	35 / 35	<i>Bifidobacterium</i>	71.23	1
CSM79HN2	72 / 65	<i>Bacteroides dorei</i>	18.57	40 / 38	<i>Bifidobacterium</i>	40.89	1
CSM79HN6	66 / 62	<i>Eubacterium siraeum</i>	19.80	38 / 37	<i>Bifidobacterium</i>	55.48	1
CSM79HNE	34 / 31	<i>Roseburia intestinalis</i>	71.16	24 / 22	<i>Bacteroides</i>	72.06	1
CSM79HNGP	34 / 33	<i>Alistipes putredinis</i>	34.87	23 / 23	<i>Micrococcus</i>	34.87	1
CSM79HNI	52 / 50	<i>Alistipes putredinis</i>	28.99	35 / 34	<i>Micrococcus</i>	28.99	1
CSM79HNK	44 / 41	<i>Bacteroides fragilis</i>	35.81	32 / 31	<i>Bifidobacterium</i>	40.33	1
CSM79HNM	52 / 47	<i>Bacteroides fragilis</i>	41.84	36 / 34	<i>Bifidobacterium</i>	44.59	1
CSM79HNO	12 / 11	<i>Escherichia coli</i>	31.88	9 / 9	<i>Chlamydia</i>	31.88	1
CSM79HNU	15 / 13	<i>Bacteroides ovatus</i>	29.75	9 / 9	<i>Bifidobacterium</i>	58.86	1
CSM79HNW	11 / 10	<i>Escherichia coli</i>	22.63	8 / 8	<i>Bifidobacterium</i>	36.17	1
CSM79HNYP	39 / 37	<i>Bacteroides vulgatus</i>	31.70	28 / 26	<i>Bifidobacterium</i>	75.05	1
CSM79HO1	36 / 36	<i>Bacteroides stercoris</i>	21.37	20 / 20	<i>Bifidobacterium</i>	63.95	1
CSM79HOF	44 / 43	<i>Bacteroides vulgatus</i>	28.64	25 / 25	<i>Bifidobacterium</i>	64.70	1
CSM79HOH	61 / 60	<i>Bacteroides vulgatus</i>	47.14	35 / 34	<i>Bifidobacterium</i>	67.50	1
CSM79HOJ	54 / 52	<i>Bacteroides uniformis</i>	43.77	31 / 30	<i>Bifidobacterium</i>	67.92	1
CSM79HOL	56 / 52	<i>Bacteroides uniformis</i>	21.82	37 / 35	<i>Bifidobacterium</i>	57.61	1
CSM79HOT	47 / 45	<i>Bacteroides vulgatus</i>	22.27	32 / 31	<i>Bifidobacterium</i>	56.03	1
CSM79HOV	41 / 41	<i>Bacteroides vulgatus</i>	39.53	24 / 24	<i>Bifidobacterium</i>	65.99	1
CSM79HOX	43 / 43	<i>Bacteroides vulgatus</i>	19.79	27 / 27	<i>Bifidobacterium</i>	45.92	1
CSM79HOZ	44 / 43	<i>Bacteroides vulgatus</i>	20.06	29 / 29	<i>Bifidobacterium</i>	44.59	1
CSM79HP2	49 / 48	<i>Bacteroides vulgatus</i>	19.34	31 / 31	<i>Bifidobacterium</i>	45.85	1
CSM79HP4	39 / 39	<i>Alistipes finegoldii</i>	15.33	24 / 24	<i>Bifidobacterium</i>	36.11	1
CSM79HP6	44 / 43	<i>Bacteroides vulgatus</i>	17.20	27 / 27	<i>Bifidobacterium</i>	42.50	1
CSM79HPATR	68 / 63	<i>Acidaminococcus intestini</i>	23.46	44 / 41	<i>Prevotella</i>	23.46	1
CSM79HPA	73 / 69	<i>Prevotella sp 885</i>	25.48	43 / 41	<i>Bifidobacterium</i>	26.47	1
CSM79HPC	49 / 45	<i>Prevotella sp 885</i>	27.46	31 / 29	<i>Bifidobacterium</i>	37.63	1
CSM79HPK	44 / 41	<i>Prevotella copri</i>	82.25	22 / 22	<i>Kocuria</i>	83.35	2
CSM79HPMP	32 / 32	<i>Prevotella copri</i>	46.46	22 / 22	<i>Kocuria</i>	51.98	2
CSM79HPO	12 / 12	<i>Bacteroides fragilis</i>	64.43	7 / 7	<i>Bifidobacterium</i>	90.44	1
CSM79HPQP	44 / 42	<i>Prevotella copri</i>	76.42	25 / 25	<i>Kocuria</i>	77.76	2
CSM79HPS	45 / 43	<i>Prevotella copri</i>	68.62	24 / 24	<i>Kocuria</i>	72.84	2
CSM79HPU	4 / 4	<i>Prevotella copri</i>	71.45	3 / 3	<i>Kocuria</i>	71.45	2
CSM79HQ9	31 / 31	<i>Bacteroides dorei</i>	91.06	24 / 24	<i>Bifidobacterium</i>	91.06	1
CSM79HQB	75 / 73	<i>Eubacterium rectale</i>	13.83	42 / 42	<i>Bifidobacterium</i>	21.46	1
CSM79HQF	34 / 33	<i>Bacteroides dorei</i>	84.98	26 / 26	<i>Bifidobacterium</i>	84.98	1
CSM79HQRP	40 / 34	<i>Faecalibacterium prausnitzii</i>	30.44	20 / 18	<i>Butyrivimonas</i>	30.44	1
CSM79HQTP	68 / 63	<i>Bifidobacterium adolescentis</i>	16.88	36 / 34	<i>Bifidobacterium</i>	25.98	1
CSM79HQV	23 / 23	<i>Bacteroides vulgatus</i>	41.98	14 / 14	<i>Bifidobacterium</i>	92.52	1
CSM79HQX	28 / 27	<i>Bacteroides vulgatus</i>	36.81	18 / 17	<i>Bifidobacterium</i>	96.29	1

Continuation of Table 4

Sample	Species			Genus			Type
	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	
CSM79HQZ	34 / 33	<i>Bacteroides vulgatus</i>	42.03	23 / 22	<i>Bifidobacterium</i>	88.20	1
CSM79HR2	37 / 36	<i>Bacteroides vulgatus</i>	57.97	23 / 22	<i>Bifidobacterium</i>	95.57	1
CSM79HR4	24 / 24	<i>Bacteroides vulgatus</i>	51.68	17 / 17	<i>Bifidobacterium</i>	97.14	1
CSM79HR6	25 / 24	<i>Bacteroides vulgatus</i>	31.66	17 / 16	<i>Bifidobacterium</i>	87.22	1
CSM79HR8	28 / 27	<i>Bacteroides vulgatus</i>	36.83	20 / 19	<i>Bifidobacterium</i>	75.83	1
CSM79HRC	54 / 49	<i>Bacteroides uniformis</i>	24.30	39 / 37	<i>Bifidobacterium</i>	52.67	1
CSM79HRE	37 / 35	<i>Bacteroides uniformis</i>	52.50	30 / 28	<i>Bifidobacterium</i>	86.44	1
CSM79HRG	44 / 42	<i>Bacteroides uniformis</i>	27.06	33 / 31	<i>Bifidobacterium</i>	57.96	1
CSM7CZ2FP	52 / 51	<i>Bacteroides eggertii</i>	26.38	35 / 35	<i>Bifidobacterium</i>	71.52	1
CSM7KOJE	33 / 23	<i>Veillonella parvula</i>	26.59	18 / 16	<i>Prevotella</i>	26.59	1
CSM7KOJG	48 / 35	<i>Klebsiella pneumoniae</i>	21.35	24 / 21	<i>Arthrospira</i>	29.37	2
CSM7KOJO	28 / 20	<i>Veillonella parvula</i>	42.50	17 / 15	<i>Prevotella</i>	42.74	1
CSM7KOJQ	43 / 42	<i>Bacteroides uniformis</i>	38.82	25 / 25	<i>Bifidobacterium</i>	79.14	1
CSM7KOJS	41 / 40	<i>Bacteroides uniformis</i>	50.85	25 / 25	<i>Bifidobacterium</i>	78.96	1
CSM7KOJU	40 / 39	<i>Bacteroides uniformis</i>	60.08	25 / 25	<i>Bifidobacterium</i>	79.86	1
CSM7KOJW	37 / 36	<i>Bacteroides dorei</i>	24.70	25 / 25	<i>Bifidobacterium</i>	77.90	1
CSM7KOJY	41 / 40	<i>Bacteroides uniformis</i>	53.03	25 / 25	<i>Bifidobacterium</i>	86.14	1
CSM7KOK1	45 / 44	<i>Bacteroides uniformis</i>	50.36	29 / 29	<i>Bifidobacterium</i>	84.45	1
CSM7KOK3	24 / 24	<i>Bacteroides uniformis</i>	30.65	16 / 16	<i>Bifidobacterium</i>	63.13	1
CSM7KOK5	34 / 34	<i>Bacteroides ovatus</i>	19.77	21 / 21	<i>Bifidobacterium</i>	84.88	1
CSM7KOK7	42 / 42	<i>Bacteroides uniformis</i>	20.45	28 / 28	<i>Bifidobacterium</i>	64.19	1
CSM7KOKB	29 / 29	<i>Bacteroides vulgatus</i>	24.02	14 / 14	<i>Bifidobacterium</i>	80.14	1
CSM7KOKD	29 / 29	<i>Bacteroides uniformis</i>	18.56	17 / 17	<i>Bifidobacterium</i>	71.50	1
CSM7KOKF	40 / 40	<i>Bacteroides vulgatus</i>	46.03	25 / 25	<i>Bifidobacterium</i>	81.86	1
CSM7KOKHP	43 / 42	<i>Bacteroides vulgatus</i>	41.61	27 / 26	<i>Bifidobacterium</i>	87.32	1
CSM7KOKJ	48 / 47	<i>Bacteroides vulgatus</i>	54.89	31 / 30	<i>Bifidobacterium</i>	81.59	1
CSM7KOKLP	60 / 60	<i>Bacteroides vulgatus</i>	32.99	33 / 33	<i>Bifidobacterium</i>	77.00	1
CSM7KOKN	42 / 42	<i>Bacteroides vulgatus</i>	42.28	25 / 25	<i>Bifidobacterium</i>	82.13	1
CSM7KOKPP	50 / 50	<i>Bacteroides vulgatus</i>	46.01	31 / 31	<i>Bifidobacterium</i>	75.84	1
CSM7KOKR	51 / 51	<i>Bacteroides vulgatus</i>	24.90	31 / 31	<i>Bifidobacterium</i>	66.27	1
CSM7KOKT	40 / 40	<i>Bacteroides uniformis</i>	31.11	21 / 21	<i>Bifidobacterium</i>	82.05	1
CSM7KOKZ	57 / 55	<i>Bacteroides vulgatus</i>	46.13	33 / 32	<i>Bifidobacterium</i>	81.56	1
CSM7KOL2	64 / 61	<i>Bacteroides vulgatus</i>	43.34	36 / 35	<i>Bifidobacterium</i>	78.48	1
CSM7KOL4	54 / 50	<i>Bacteroides vulgatus</i>	36.82	32 / 30	<i>Bifidobacterium</i>	69.28	1
CSM7KOLA	66 / 63	<i>Bacteroides vulgatus</i>	22.80	39 / 39	<i>Bifidobacterium</i>	48.47	1
CSM7KOLE	45 / 45	<i>Bacteroides vulgatus</i>	43.08	28 / 28	<i>Bifidobacterium</i>	59.86	1
CSM7KOLK	49 / 46	<i>Eubacterium siraeum</i>	17.34	26 / 25	<i>Bifidobacterium</i>	55.79	1
CSM7KOLM	52 / 49	<i>Bacteroides uniformis</i>	38.77	30 / 29	<i>Bifidobacterium</i>	79.31	1
CSM7KOLY	45 / 43	<i>Bacteroides fragilis</i>	36.91	32 / 31	<i>Bifidobacterium</i>	40.01	1
CSM7KOMB	56 / 53	<i>Escherichia coli</i>	22.66	33 / 33	<i>Bifidobacterium</i>	48.10	1
CSM7KOMH	32 / 21	<i>Bacteroides ovatus</i>	26.71	21 / 18	<i>Bifidobacterium</i>	38.70	1
CSM7KOMP	82 / 79	<i>Bacteroides stercoris</i>	21.20	47 / 46	<i>Bifidobacterium</i>	34.78	1
CSM7KOMRP	73 / 71	<i>Roseburia faecis</i>	24.96	41 / 40	<i>Bacteroides</i>	25.51	1
CSM7KOMT	76 / 72	<i>Prevotella sp 885</i>	18.34	43 / 42	<i>Bifidobacterium</i>	22.78	1
CSM7KOMVP	64 / 63	<i>Prevotella sp 885</i>	16.34	37 / 37	<i>Bifidobacterium</i>	34.74	1
CSM7KOMX	46 / 44	<i>Bacteroides uniformis</i>	22.44	30 / 29	<i>Bifidobacterium</i>	67.42	1
CSM7KOMZ	40 / 39	<i>Bacteroides uniformis</i>	24.29	25 / 25	<i>Bifidobacterium</i>	61.48	1
CSM7KON2	49 / 47	<i>Faecalibacterium prausnitzii</i>	19.58	30 / 29	<i>Bifidobacterium</i>	41.75	1
CSM7KON8	45 / 43	<i>Bacteroides vulgatus</i>	18.17	29 / 28	<i>Bifidobacterium</i>	52.40	1
CSM7KONA	35 / 32	<i>Prevotella sp 885</i>	16.81	22 / 21	<i>Bifidobacterium</i>	51.58	1
CSM7KONK	46 / 45	<i>Prevotella sp 885</i>	42.66	25 / 25	<i>Bifidobacterium</i>	43.15	1
CSM7KONSP	33 / 32	<i>Prevotella copri</i>	84.54	19 / 19	<i>Kocuria</i>	86.75	2
CSM7KONU	22 / 21	<i>Prevotella copri</i>	39.34	13 / 13	<i>Kocuria</i>	41.25	2
CSM7KONWP	72 / 70	<i>Bacteroides uniformis</i>	29.96	38 / 38	<i>Bifidobacterium</i>	46.17	1
CSM7KOO5	49 / 46	<i>Bacteroides uniformis</i>	41.78	33 / 31	<i>Bifidobacterium</i>	81.47	1
CSM7KOO9	34 / 31	<i>Bacteroides uniformis</i>	37.03	27 / 25	<i>Bifidobacterium</i>	74.70	1
CSM7KOOD	45 / 42	<i>Bacteroides uniformis</i>	43.74	34 / 32	<i>Bifidobacterium</i>	75.91	1
CSM7KOOF	44 / 43	<i>Bacteroides uniformis</i>	44.17	30 / 30	<i>Bifidobacterium</i>	65.93	1
CSM7KOOH	52 / 51	<i>Alistipes finegoldii</i>	19.80	31 / 31	<i>Bifidobacterium</i>	38.10	1
CSM7KOOJ	50 / 48	<i>Bacteroides vulgatus</i>	17.09	28 / 28	<i>Bifidobacterium</i>	49.31	1
CSM7KOO L	45 / 44	<i>Bacteroides vulgatus</i>	22.58	25 / 25	<i>Bifidobacterium</i>	49.54	1
CSM7KOO N	54 / 54	<i>Alistipes finegoldii</i>	16.03	30 / 30	<i>Bifidobacterium</i>	41.63	1
CSM7KOO P	55 / 55	<i>Bacteroides vulgatus</i>	16.62	35 / 35	<i>Bifidobacterium</i>	39.93	1
CSM7KOOT	28 / 28	<i>Bacteroides ovatus</i>	39.41	17 / 17	<i>Bifidobacterium</i>	98.23	1
CSM7KOO V	35 / 35	<i>Bacteroides vulgatus</i>	40.62	23 / 23	<i>Bifidobacterium</i>	91.69	1
CSM7KOO X	51 / 50	<i>Bacteroides vulgatus</i>	56.41	33 / 33	<i>Bifidobacterium</i>	84.77	1

Continuation of Table 4

Sample	Species			Genus			Type
	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	
CSM7KOOZ	29 / 28	<i>Bacteroides vulgatus</i>	31.69	18 / 18	<i>Bifidobacterium</i>	92.13	1
CSM7KOP2	29 / 29	<i>Bacteroides vulgatus</i>	39.26	18 / 18	<i>Bifidobacterium</i>	96.26	1
CSM7KOP6	51 / 50	<i>Bacteroides uniformis</i>	22.71	31 / 30	<i>Bifidobacterium</i>	56.64	1
CSM7KOP8	60 / 58	<i>Bacteroides uniformis</i>	22.81	31 / 30	<i>Bifidobacterium</i>	60.64	1
CSM7KOPE	55 / 54	<i>Bacteroides uniformis</i>	25.65	29 / 29	<i>Bifidobacterium</i>	73.09	1
CSM7KOPG	38 / 37	<i>Bacteroides uniformis</i>	38.97	25 / 25	<i>Bifidobacterium</i>	78.86	1
CSM7KOPI	38 / 37	<i>Bacteroides uniformis</i>	40.16	24 / 24	<i>Bifidobacterium</i>	75.12	1
CSM7KOPK	39 / 38	<i>Bacteroides uniformis</i>	42.28	26 / 26	<i>Bifidobacterium</i>	79.20	1
CSM7KOPM	48 / 46	<i>Bacteroides uniformis</i>	47.19	26 / 26	<i>Bifidobacterium</i>	76.81	1
CSM7KOPO	47 / 46	<i>Bacteroides uniformis</i>	40.03	25 / 25	<i>Bifidobacterium</i>	72.78	1
CSM7KOPS	50 / 42	<i>Bacteroides xylanisolvans</i>	16.14	29 / 27	<i>Bifidobacterium</i>	57.52	1
CSM7KOPU	36 / 32	<i>Bacteroides vulgatus</i>	28.80	23 / 21	<i>Bifidobacterium</i>	78.45	1
CSM7KOPW	36 / 33	<i>Bacteroides vulgatus</i>	24.52	23 / 22	<i>Bifidobacterium</i>	81.78	1
CSM7KOQ1	30 / 26	<i>Bacteroides vulgatus</i>	17.19	19 / 19	<i>Kocuria</i>	37.54	1
CSM7KOQ5P	56 / 54	<i>Bacteroides vulgatus</i>	64.51	35 / 35	<i>Bifidobacterium</i>	65.25	1
CSM7KOQPP	12 / 11	<i>Escherichia coli</i>	40.54	9 / 8	<i>Chlamydia</i>	40.54	1
CSM7KOQX	37 / 37	<i>Bacteroides vulgatus</i>	26.32	21 / 21	<i>Bifidobacterium</i>	67.52	1
CSM7KOQZP	36 / 36	<i>Bacteroides vulgatus</i>	33.37	21 / 21	<i>Bifidobacterium</i>	78.83	1
CSM7KOR2	52 / 52	<i>Bacteroides vulgatus</i>	46.64	29 / 29	<i>Bifidobacterium</i>	82.18	1
CSM7KOR4P	45 / 45	<i>Bacteroides vulgatus</i>	31.77	28 / 28	<i>Bifidobacterium</i>	78.51	1
CSM7KOR8P	41 / 41	<i>Bacteroides vulgatus</i>	28.10	25 / 25	<i>Bifidobacterium</i>	73.59	1
CSM7KORC	61 / 58	<i>Bacteroides vulgatus</i>	39.58	36 / 34	<i>Bifidobacterium</i>	70.89	1
CSM7KORG	63 / 63	<i>Bacteroides vulgatus</i>	35.69	35 / 35	<i>Bifidobacterium</i>	57.67	1
CSM7KORI	40 / 39	<i>Bacteroides vulgatus</i>	38.12	22 / 21	<i>Bifidobacterium</i>	90.66	1
CSM7KORK	73 / 70	<i>Bacteroides vulgatus</i>	38.23	42 / 40	<i>Bifidobacterium</i>	63.47	1
CSM7KORM	59 / 58	<i>Bacteroides vulgatus</i>	38.41	30 / 30	<i>Bifidobacterium</i>	73.05	1
CSM7KORO	40 / 39	<i>Bacteroides vulgatus</i>	40.31	20 / 20	<i>Bifidobacterium</i>	71.40	1
CSM7KORS	43 / 41	<i>Bacteroides vulgatus</i>	37.46	25 / 25	<i>Bifidobacterium</i>	74.42	1
CSM7KORU	43 / 40	<i>Bacteroides vulgatus</i>	44.66	24 / 24	<i>Bifidobacterium</i>	78.27	1
CSM7KOS7	66 / 59	<i>Alistipes putredinis</i>	29.33	43 / 40	<i>Micrococcus</i>	29.33	1
CSM7KOSH	42 / 39	<i>Bacteroides fragilis</i>	34.70	28 / 27	<i>Bifidobacterium</i>	39.99	1
CSM7KOSJ	19 / 17	<i>Ruminococcus torques</i>	19.32	13 / 13	<i>Bacteroides</i>	33.69	1
CSM7KOSL	14 / 13	<i>Bacteroides ovatus</i>	32.47	10 / 10	<i>Bifidobacterium</i>	43.66	1
CSM7KOSP	28 / 25	<i>Escherichia coli</i>	16.12	17 / 16	<i>Bifidobacterium</i>	27.16	1
CSM7KOST	24 / 21	<i>Eubacterium rectale</i>	20.18	16 / 15	<i>Bifidobacterium</i>	22.10	1
CSM7KOSV	49 / 47	<i>Bacteroides uniformis</i>	22.72	25 / 25	<i>Bifidobacterium</i>	75.96	1
CSM7KOSX	63 / 59	<i>Bacteroides dorei</i>	28.40	35 / 34	<i>Bifidobacterium</i>	70.79	1
CSM7KOTA	34 / 33	<i>Prevotella sp 885</i>	49.87	19 / 19	<i>Kocuria</i>	49.87	1
CSM7KOTC	54 / 49	<i>Acidaminococcus intestini</i>	19.12	35 / 33	<i>Bifidobacterium</i>	36.82	1
CSM7KOTK	63 / 58	<i>Acidaminococcus intestini</i>	15.50	41 / 39	<i>Bifidobacterium</i>	44.70	1
CSM7KOTO	31 / 31	<i>Bacteroides stercoris</i>	31.04	22 / 22	<i>Bifidobacterium</i>	71.68	1
CSM7KOTQ	47 / 45	<i>Bacteroides stercoris</i>	29.33	30 / 30	<i>Bifidobacterium</i>	54.41	1
CSM7KOTS	48 / 46	<i>Faecalibacterium prausnitzii</i>	22.63	28 / 28	<i>Bifidobacterium</i>	38.18	1
CSM7KOTU	48 / 46	<i>Bacteroides stercoris</i>	23.37	29 / 29	<i>Bifidobacterium</i>	48.57	1
CSM7KOU7P	57 / 56	<i>Bacteroides uniformis</i>	24.31	31 / 31	<i>Bifidobacterium</i>	63.48	1
CSM7KOU9	65 / 62	<i>Bacteroides uniformis</i>	32.27	36 / 35	<i>Bifidobacterium</i>	61.62	1
CSM7KOUB	54 / 53	<i>Bacteroides uniformis</i>	27.99	31 / 30	<i>Bifidobacterium</i>	52.84	1
CSM7KOUJP	50 / 49	<i>Bacteroides uniformis</i>	32.13	29 / 29	<i>Bifidobacterium</i>	93.73	1
CSM7KOUL	46 / 46	<i>Bacteroides eggertii</i>	26.99	26 / 26	<i>Bifidobacterium</i>	86.34	1
CSM7KOUN	60 / 59	<i>Bacteroides uniformis</i>	18.14	32 / 32	<i>Bifidobacterium</i>	76.95	1
CSM9X1XU	40 / 37	<i>Bacteroides vulgatus</i>	40.56	22 / 22	<i>Bifidobacterium</i>	76.23	1
CSM9X1Y3	57 / 55	<i>Bacteroides vulgatus</i>	30.58	31 / 31	<i>Bifidobacterium</i>	60.21	1
CSM9X1Y5	53 / 50	<i>Alistipes putredinis</i>	25.79	35 / 34	<i>Bifidobacterium</i>	26.06	1
CSM9X1YV	44 / 42	<i>Bacteroides stercoris</i>	27.51	29 / 29	<i>Bifidobacterium</i>	66.38	1
CSM9X1Z4	40 / 37	<i>Bacteroides uniformis</i>	44.78	30 / 29	<i>Bifidobacterium</i>	72.57	1
CSM9X1ZC	43 / 38	<i>Bacteroides uniformis</i>	38.14	30 / 28	<i>Bifidobacterium</i>	73.93	1
CSM9X1ZO	55 / 53	<i>Bacteroides uniformis</i>	20.32	30 / 29	<i>Bifidobacterium</i>	56.16	1
CSM9X1ZQ	56 / 54	<i>Bacteroides uniformis</i>	33.82	29 / 28	<i>Bifidobacterium</i>	64.57	1
CSM9X1ZY	44 / 43	<i>Bacteroides uniformis</i>	28.04	24 / 24	<i>Bifidobacterium</i>	70.05	1
CSM9X211	48 / 48	<i>Bacteroides vulgatus</i>	24.42	29 / 29	<i>Bifidobacterium</i>	78.75	1
CSM9X213	61 / 61	<i>Bacteroides vulgatus</i>	28.56	34 / 34	<i>Bifidobacterium</i>	82.25	1
CSM9X215	46 / 46	<i>Bacteroides vulgatus</i>	26.11	27 / 27	<i>Bifidobacterium</i>	85.10	1
CSM9X219	44 / 43	<i>Bacteroides vulgatus</i>	36.54	30 / 29	<i>Bifidobacterium</i>	71.46	1
CSM9X21J	60 / 58	<i>Bacteroides vulgatus</i>	32.93	31 / 31	<i>Bifidobacterium</i>	67.06	1
CSM9X21L	46 / 44	<i>Bacteroides vulgatus</i>	31.33	25 / 25	<i>Bifidobacterium</i>	60.33	1
CSM9X21N	50 / 48	<i>Bacteroides vulgatus</i>	35.16	28 / 27	<i>Bifidobacterium</i>	78.67	1

Continuation of Table 4

Sample	Species			Genus			Type
	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	
CSM9X21R	46 / 43	<i>Bacteroides stercoris</i>	38.00	29 / 29	<i>Bifidobacterium</i>	76.15	1
CSM9X21T	50 / 48	<i>Bacteroides stercoris</i>	31.25	32 / 32	<i>Bifidobacterium</i>	59.87	1
CSM9X222	46 / 44	<i>Faecalibacterium prausnitzii</i>	25.67	29 / 29	<i>Bifidobacterium</i>	39.46	1
CSM9X22G	78 / 73	<i>Bacteroides uniformis</i>	28.81	45 / 43	<i>Bifidobacterium</i>	48.64	1
CSM9X22I	67 / 62	<i>Bacteroides uniformis</i>	30.68	40 / 38	<i>Bifidobacterium</i>	51.45	1
CSM9X22K	56 / 54	<i>Bacteroides uniformis</i>	25.34	33 / 32	<i>Bifidobacterium</i>	50.51	1
CSM9X22S	47 / 47	<i>Bacteroides vulgatus</i>	40.20	32 / 32	<i>Bifidobacterium</i>	79.40	1
CSM9X22U	41 / 41	<i>Bacteroides vulgatus</i>	36.15	26 / 26	<i>Bifidobacterium</i>	75.53	1
CSM9X233	50 / 48	<i>Faecalibacterium prausnitzii</i>	43.10	34 / 34	<i>Butyricimonas</i>	43.10	1
CSM9X235	50 / 48	<i>Bacteroides stercoris</i>	31.90	31 / 31	<i>Bifidobacterium</i>	56.50	1
CSM9X237	55 / 49	<i>Bifidobacterium adolescentis</i>	28.28	36 / 35	<i>Actinomyces</i>	37.55	1
CSM9X23B	54 / 51	<i>Bacteroides stercoris</i>	27.14	34 / 34	<i>Bifidobacterium</i>	54.56	1
CSM9X23H	32 / 31	<i>Bacteroides eggerthii</i>	39.06	20 / 19	<i>Bifidobacterium</i>	92.84	1
CSM9X23N	34 / 34	<i>Bacteroides uniformis</i>	32.76	19 / 19	<i>Bifidobacterium</i>	89.55	1
CSMA88CB	48 / 48	<i>Bacteroides vulgatus</i>	18.04	26 / 26	<i>Bifidobacterium</i>	40.82	1
CSMA8M9R	58 / 57	<i>Bacteroides vulgatus</i>	20.18	34 / 34	<i>Bifidobacterium</i>	52.28	1
CSMA9J65	50 / 49	<i>Bacteroides vulgatus</i>	43.95	33 / 33	<i>Bifidobacterium</i>	74.68	1
CSMAAEUA	52 / 52	<i>Bacteroides vulgatus</i>	22.76	27 / 27	<i>Bifidobacterium</i>	55.95	1
CSMACTZP	46 / 45	<i>Bacteroides vulgatus</i>	37.53	30 / 30	<i>Bifidobacterium</i>	65.77	1
CSMAE44D	46 / 44	<i>Bacteroides vulgatus</i>	29.21	28 / 28	<i>Bifidobacterium</i>	52.05	1
CSMAF72L	38 / 38	<i>Bacteroides vulgatus</i>	32.15	22 / 22	<i>Bifidobacterium</i>	88.07	1
CSMAG78W	35 / 34	<i>Bacteroides uniformis</i>	42.21	24 / 24	<i>Bifidobacterium</i>	55.49	1
CSMAH393	47 / 46	<i>Bacteroides dorei</i>	20.29	30 / 30	<i>Bifidobacterium</i>	77.81	1
CSMAHYLR	31 / 30	<i>Bacteroides uniformis</i>	38.19	21 / 21	<i>Bifidobacterium</i>	62.41	1
CSMAIG7X	41 / 39	<i>Bacteroides vulgatus</i>	35.78	23 / 22	<i>Bifidobacterium</i>	96.29	1
ESM5GEXY	42 / 40	<i>Bacteroides vulgatus</i>	74.43	26 / 25	<i>Bifidobacterium</i>	76.69	1
ESM5GEYUP	70 / 67	<i>Bacteroides vulgatus</i>	38.62	43 / 41	<i>Bifidobacterium</i>	62.98	1
ESM5GEYWP	82 / 78	<i>Faecalibacterium prausnitzii</i>	52.15	44 / 42	<i>Butyricimonas</i>	52.15	1
ESM5GEYXP	72 / 62	<i>Faecalibacterium prausnitzii</i>	15.27	34 / 32	<i>Bifidobacterium</i>	40.78	1
ESM5GEYYP	61 / 57	<i>Bacteroides vulgatus</i>	20.09	33 / 32	<i>Bifidobacterium</i>	60.80	1
ESM5GEZ1P	54 / 47	<i>Bacteroides fragilis</i>	22.77	35 / 31	<i>Bifidobacterium</i>	52.40	1
ESM5GEZ3P	46 / 45	<i>Bacteroides vulgatus</i>	24.70	32 / 32	<i>Bifidobacterium</i>	49.65	1
ESM5GEZ4P	56 / 56	<i>Bacteroides vulgatus</i>	29.45	32 / 32	<i>Bifidobacterium</i>	69.86	1
ESM5GEZ6P	88 / 87	<i>Bacteroides vulgatus</i>	22.89	49 / 48	<i>Bifidobacterium</i>	47.04	1
ESM5GEZAP	57 / 57	<i>Bacteroides vulgatus</i>	29.11	30 / 30	<i>Bifidobacterium</i>	56.65	1
ESM5ME9DP	48 / 48	<i>Bacteroides vulgatus</i>	54.37	30 / 30	<i>Bifidobacterium</i>	70.56	1
ESM5ME9GP	21 / 21	<i>Bacteroides vulgatus</i>	54.43	14 / 14	<i>Bifidobacterium</i>	76.16	1
ESM5ME9HP	49 / 47	<i>Bacteroides vulgatus</i>	48.57	33 / 31	<i>Bifidobacterium</i>	74.92	1
ESM5ME9U	50 / 50	<i>Bacteroides vulgatus</i>	28.78	26 / 26	<i>Bifidobacterium</i>	53.47	1
ESM5MEA7P	36 / 29	<i>Bacteroides vulgatus</i>	20.34	24 / 22	<i>Bifidobacterium</i>	49.50	1
ESM5MEA9P	46 / 45	<i>Bacteroides stercoris</i>	33.09	28 / 28	<i>Bifidobacterium</i>	65.38	1
ESM5MEAABP	46 / 40	<i>Bacteroides stercoris</i>	35.37	28 / 26	<i>Bifidobacterium</i>	58.03	1
ESM5MEB7	64 / 61	<i>Prevotella copri</i>	56.36	33 / 31	<i>Kocuria</i>	63.77	2
ESM5MEB9P	51 / 50	<i>Bacteroides vulgatus</i>	28.52	28 / 28	<i>Bifidobacterium</i>	45.81	2
ESM5MEBAP	27 / 27	<i>Bacteroides vulgatus</i>	51.30	20 / 20	<i>Bifidobacterium</i>	70.54	1
ESM5MEBE	51 / 48	<i>Bacteroides vulgatus</i>	56.01	33 / 33	<i>Bifidobacterium</i>	68.35	1
ESM5MEBG	47 / 47	<i>Bacteroides vulgatus</i>	60.95	32 / 32	<i>Bifidobacterium</i>	75.16	1
ESM5MEBI	47 / 47	<i>Bacteroides vulgatus</i>	53.80	31 / 31	<i>Bifidobacterium</i>	74.39	1
ESM5MEBPP	37 / 37	<i>Bacteroides vulgatus</i>	38.26	23 / 23	<i>Bifidobacterium</i>	56.02	1
ESM5MEBS	45 / 45	<i>Bacteroides vulgatus</i>	35.58	26 / 26	<i>Bifidobacterium</i>	68.13	1
ESM5MEBU	45 / 45	<i>Bacteroides vulgatus</i>	37.35	25 / 25	<i>Bifidobacterium</i>	64.21	1
ESM5MEC3	51 / 51	<i>Bacteroides vulgatus</i>	27.82	28 / 28	<i>Bifidobacterium</i>	56.77	1
ESM5MEC5	41 / 41	<i>Bacteroides vulgatus</i>	42.63	23 / 23	<i>Bifidobacterium</i>	76.25	1
ESM5MEC7P	84 / 80	<i>Bacteroides vulgatus</i>	46.03	50 / 48	<i>Bifidobacterium</i>	77.54	1
ESM5MEC9	29 / 29	<i>Bacteroides stercoris</i>	41.08	21 / 21	<i>Bifidobacterium</i>	79.17	1
ESM5MECL	43 / 43	<i>Bacteroides vulgatus</i>	45.65	27 / 27	<i>Bifidobacterium</i>	73.81	1
ESM5MECQ	47 / 45	<i>Bacteroides vulgatus</i>	49.19	29 / 28	<i>Bifidobacterium</i>	55.19	1
ESM5MED2	81 / 73	<i>Prevotella copri</i>	66.20	44 / 41	<i>Kocuria</i>	70.18	2
ESM5MEDD	77 / 76	<i>Bacteroides dorei</i>	25.88	46 / 46	<i>Bifidobacterium</i>	68.73	1
ESM5MEDF	88 / 84	<i>Ruminococcus callidus</i>	24.86	52 / 52	<i>Porphyromonas</i>	24.86	1
ESM5MEDK	72 / 71	<i>Bacteroides stercoris</i>	25.12	43 / 43	<i>Bifidobacterium</i>	70.43	1
ESM5MEDN	60 / 59	<i>Bacteroides stercoris</i>	32.77	38 / 37	<i>Bifidobacterium</i>	73.71	1
ESM5MEDPP	55 / 54	<i>Bacteroides stercoris</i>	33.33	32 / 32	<i>Bifidobacterium</i>	88.31	1
ESM5MEDU	45 / 45	<i>Bacteroides vulgatus</i>	36.38	26 / 26	<i>Bifidobacterium</i>	70.10	1
ESM5MEDZP	40 / 39	<i>Bacteroides vulgatus</i>	49.22	26 / 25	<i>Bifidobacterium</i>	70.77	1
ESM5MEE2P	57 / 56	<i>Bacteroides vulgatus</i>	57.33	30 / 30	<i>Bifidobacterium</i>	70.78	1



Continuation of Table 4

Sample	Species			Genus			Type
	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	
ESM5MEE6P	49 / 48	<i>Bacteroides vulgatus</i>	42.83	33 / 33	<i>Bifidobacterium</i>	58.83	1
ESM5MEEJP	46 / 46	<i>Bacteroides vulgatus</i>	31.55	26 / 26	<i>Bifidobacterium</i>	61.44	1
ESM718SY	50 / 50	<i>Bacteroides vulgatus</i>	32.81	28 / 28	<i>Bifidobacterium</i>	67.88	1
ESM718T7	58 / 55	<i>Prevotella copri</i>	65.89	27 / 27	<i>Kocuria</i>	73.05	2
ESM718T9	59 / 57	<i>Prevotella copri</i>	66.67	28 / 27	<i>Kocuria</i>	76.90	2
ESM718TF	74 / 69	<i>Prevotella copri</i>	56.74	39 / 36	<i>Kocuria</i>	79.35	2
ESM718TK	66 / 57	<i>Prevotella copri</i>	77.16	33 / 31	<i>Kocuria</i>	87.43	2
ESM718TM	49 / 49	<i>Prevotella copri</i>	65.72	24 / 24	<i>Kocuria</i>	74.06	2
ESM718U9P	29 / 26	<i>Bacteroides fragilis</i>	24.10	22 / 19	<i>Bifidobacterium</i>	53.78	1
ESM718UH	60 / 59	<i>Bacteroides stercoris</i>	31.72	35 / 35	<i>Bifidobacterium</i>	75.98	1
ESM718V4	79 / 68	<i>Prevotella copri</i>	69.04	36 / 36	<i>Kocuria</i>	83.08	2
ESM718V8	67 / 65	<i>Prevotella copri</i>	65.26	31 / 31	<i>Kocuria</i>	71.74	2
ESM7F5AEP	93 / 87	<i>Prevotella copri</i>	35.24	45 / 43	<i>Bifidobacterium</i>	41.59	2
ESM7F5AK	76 / 74	<i>Faecalibacterium prausnitzii</i>	20.58	42 / 42	<i>Bifidobacterium</i>	42.04	1
ESM7F5AM	63 / 63	<i>Bacteroides stercoris</i>	34.58	37 / 37	<i>Bifidobacterium</i>	80.00	1
ESM7F5C5	54 / 52	<i>Prevotella copri</i>	52.55	28 / 27	<i>Kocuria</i>	62.40	2
ESM7F5C7	74 / 68	<i>Prevotella copri</i>	55.42	38 / 37	<i>Kocuria</i>	67.21	2
ESM7F5CB	44 / 44	<i>Bacteroides stercoris</i>	43.62	26 / 26	<i>Bifidobacterium</i>	85.90	1
ESM7F5CD	56 / 55	<i>Bacteroides stercoris</i>	37.64	30 / 30	<i>Bifidobacterium</i>	77.41	1
ESM7F5CF	64 / 64	<i>Bacteroides stercoris</i>	45.09	36 / 36	<i>Bifidobacterium</i>	80.90	1
ESM9IEP1	48 / 46	<i>Prevotella copri</i>	59.37	23 / 23	<i>Kocuria</i>	71.09	2
HSM5FZBPP	43 / 43	<i>Prevotella copri</i>	61.56	24 / 24	<i>Kocuria</i>	61.56	2
HSM5FZBQP	23 / 23	<i>Prevotella copri</i>	52.31	15 / 15	<i>Kocuria</i>	52.31	2
HSM5FZBRP	33 / 33	<i>Prevotella copri</i>	57.30	21 / 21	<i>Kocuria</i>	57.30	2
HSM5FZBZ	35 / 34	<i>Prevotella copri</i>	75.38	22 / 21	<i>Kocuria</i>	75.38	2
HSM5FZC2P	41 / 38	<i>Prevotella copri</i>	54.64	25 / 25	<i>Kocuria</i>	54.70	2
HSM5MD3LP	50 / 50	<i>Faecalibacterium prausnitzii</i>	17.10	36 / 36	<i>Bifidobacterium</i>	30.36	1
HSM5MD3Y	51 / 50	<i>Roseburia faecis</i>	22.72	29 / 28	<i>Bifidobacterium</i>	40.78	1
HSM5MD41	69 / 64	<i>Bacteroides uniformis</i>	21.59	43 / 40	<i>Bifidobacterium</i>	84.75	1
HSM5MD43P	52 / 52	<i>Bacteroides ovatus</i>	24.77	29 / 29	<i>Bifidobacterium</i>	75.45	1
HSM5MD43	63 / 56	<i>Bacteroides ovatus</i>	20.11	41 / 35	<i>Bifidobacterium</i>	74.40	1
HSM5MD44P	32 / 32	<i>Faecalibacterium prausnitzii</i>	14.29	17 / 17	<i>Actinomyces</i>	39.78	1
HSM5MD47P	22 / 22	<i>Faecalibacterium prausnitzii</i>	47.02	13 / 13	<i>Butyrivimonas</i>	47.02	1
HSM5MD48	53 / 45	<i>Parabacteroides distasonis</i>	37.68	30 / 27	<i>Bifidobacterium</i>	39.61	1
HSM5MD49P	65 / 58	<i>Bacteroides fragilis</i>	30.05	34 / 33	<i>Bifidobacterium</i>	30.34	1
HSM5MD4AP	60 / 49	<i>Faecalibacterium prausnitzii</i>	40.23	34 / 32	<i>Butyrivimonas</i>	40.23	1
HSM5MD4BP	44 / 38	<i>Parabacteroides distasonis</i>	28.07	25 / 24	<i>Micrococcus</i>	28.07	1
HSM5MD4N	47 / 47	<i>Bacteroides vulgatus</i>	37.32	32 / 32	<i>Bifidobacterium</i>	72.13	1
HSM5MD4O	61 / 57	<i>Bacteroides vulgatus</i>	36.76	39 / 38	<i>Bifidobacterium</i>	63.16	1
HSM5MD4PP	52 / 49	<i>Bacteroides vulgatus</i>	44.11	30 / 30	<i>Bifidobacterium</i>	66.47	1
HSM5MD4UP	32 / 26	<i>Bacteroides uniformis</i>	81.27	21 / 19	<i>Bifidobacterium</i>	81.29	1
HSM5MD4WP	39 / 34	<i>Bacteroides uniformis</i>	87.79	24 / 22	<i>Bifidobacterium</i>	87.84	1
HSM5MD4Y	50 / 42	<i>Bacteroides uniformis</i>	31.26	29 / 27	<i>Bifidobacterium</i>	34.24	1
HSM5MD53	39 / 37	<i>Bacteroides vulgatus</i>	28.53	23 / 22	<i>Bifidobacterium</i>	65.75	1
HSM5MD57P	83 / 81	<i>Bacteroides vulgatus</i>	31.25	49 / 48	<i>Bifidobacterium</i>	60.34	1
HSM5MD59P	82 / 78	<i>Roseburia faecis</i>	23.23	46 / 44	<i>Bifidobacterium</i>	42.87	1
HSM5MD5BP	80 / 76	<i>Bacteroides eggerthii</i>	22.57	45 / 45	<i>Bifidobacterium</i>	44.85	1
HSM5MD5B	91 / 83	<i>Bacteroides eggerthii</i>	18.19	47 / 46	<i>Bifidobacterium</i>	33.00	1
HSM5MD5DP	75 / 74	<i>Bacteroides vulgatus</i>	19.55	45 / 45	<i>Bifidobacterium</i>	44.53	1
HSM5MD5D	73 / 72	<i>Faecalibacterium prausnitzii</i>	21.05	44 / 44	<i>Bifidobacterium</i>	36.94	1
HSM5MD5FP	98 / 97	<i>Escherichia coli</i>	19.48	55 / 54	<i>Bifidobacterium</i>	23.19	1
HSM5MD5HP	23 / 23	<i>Prevotella copri</i>	51.70	16 / 16	<i>Kocuria</i>	51.70	2
HSM5MD5KP	25 / 25	<i>Prevotella copri</i>	88.20	16 / 16	<i>Kocuria</i>	88.20	2
HSM5MD5P	38 / 36	<i>Bacteroides vulgatus</i>	31.22	24 / 23	<i>Bifidobacterium</i>	75.90	1
HSM5MD5XP	75 / 73	<i>Bacteroides vulgatus</i>	34.94	40 / 40	<i>Bifidobacterium</i>	57.48	1
HSM5MD5ZP	11 / 11	<i>Bacteroides stercoris</i>	35.69	6 / 6	<i>Bifidobacterium</i>	80.18	1
HSM5MD62	53 / 52	<i>Bacteroides vulgatus</i>	30.57	34 / 34	<i>Bifidobacterium</i>	76.49	1
HSM5MD66	45 / 42	<i>Bacteroides vulgatus</i>	27.14	29 / 28	<i>Bifidobacterium</i>	65.40	1
HSM5MD6ATR	54 / 53	<i>Bacteroides vulgatus</i>	28.09	37 / 37	<i>Bifidobacterium</i>	67.01	1
HSM5MD6A	49 / 49	<i>Bacteroides vulgatus</i>	25.21	34 / 34	<i>Bifidobacterium</i>	63.32	1
HSM5MD6C	51 / 51	<i>Eubacterium rectale</i>	18.58	36 / 36	<i>Bifidobacterium</i>	39.63	1
HSM5MD6EP	52 / 52	<i>Bacteroides stercoris</i>	40.49	33 / 33	<i>Bifidobacterium</i>	73.17	1
HSM5MD6IP	45 / 45	<i>Bacteroides stercoris</i>	53.27	30 / 30	<i>Bifidobacterium</i>	70.60	1
HSM5MD6I	54 / 54	<i>Bacteroides stercoris</i>	47.40	36 / 36	<i>Bifidobacterium</i>	65.51	1
HSM5MD6KP	45 / 45	<i>Bacteroides stercoris</i>	43.82	28 / 28	<i>Bifidobacterium</i>	60.45	1
HSM5MD6K	45 / 45	<i>Bacteroides stercoris</i>	41.04	29 / 29	<i>Bifidobacterium</i>	57.16	1

Continuation of Table 4

Sample	Species			Genus			Type
	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	
HSM5MD6M	28 / 28	<i>Bacteroides stercoris</i>	53.91	22 / 22	<i>Bifidobacterium</i>	64.86	1
HSM5MD6OP	32 / 32	<i>Parabacteroides distasonis</i>	20.35	19 / 19	<i>Bifidobacterium</i>	58.13	1
HSM5MD6Q	49 / 49	<i>Bacteroides stercoris</i>	19.39	29 / 29	<i>Bifidobacterium</i>	59.09	1
HSM5MD6SP	46 / 46	<i>Faecalibacterium prausnitzii</i>	21.04	30 / 30	<i>Bifidobacterium</i>	54.40	1
HSM5MD6UP	63 / 63	<i>Bacteroides vulgatus</i>	18.95	38 / 38	<i>Bifidobacterium</i>	55.27	1
HSM5MD6W	32 / 32	<i>Bacteroides stercoris</i>	53.01	21 / 21	<i>Bifidobacterium</i>	86.24	1
HSM5MD6Y	56 / 52	<i>Faecalibacterium prausnitzii</i>	39.21	34 / 34	<i>Butyricimonas</i>	39.21	1
HSM5MD71	47 / 46	<i>Bacteroides vulgatus</i>	24.05	29 / 29	<i>Bifidobacterium</i>	43.46	1
HSM5MD73	64 / 59	<i>Bacteroides vulgatus</i>	28.18	37 / 35	<i>Bifidobacterium</i>	52.91	1
HSM5MD75	30 / 29	<i>Bacteroides vulgatus</i>	39.99	21 / 21	<i>Bifidobacterium</i>	61.00	1
HSM5MD79	29 / 29	<i>Prevotella copri</i>	39.17	21 / 21	<i>Kocuria</i>	39.18	2
HSM5MD7J	35 / 35	<i>Prevotella copri</i>	84.97	26 / 26	<i>Kocuria</i>	84.97	2
HSM5MD7K	65 / 61	<i>Faecalibacterium prausnitzii</i>	28.90	40 / 38	<i>Bifidobacterium</i>	36.27	1
HSM5MD7M	30 / 28	<i>Faecalibacterium prausnitzii</i>	45.57	18 / 18	<i>Butyricimonas</i>	45.57	1
HSM5MD7O	11 / 9	<i>Escherichia coli</i>	25.64	8 / 7	<i>Actinomyces</i>	34.44	2
HSM5MD7Q	32 / 12	<i>Escherichia coli</i>	36.17	15 / 8	<i>Actinomyces</i>	36.63	2
HSM5MD7S	42 / 37	<i>Faecalibacterium prausnitzii</i>	71.30	26 / 25	<i>Butyricimonas</i>	71.30	1
HSM5MD7U	45 / 44	<i>Faecalibacterium prausnitzii</i>	54.65	26 / 26	<i>Butyricimonas</i>	54.65	1
HSM5MD7WP	40 / 40	<i>Prevotella copri</i>	81.99	23 / 23	<i>Kocuria</i>	81.99	2
HSM5MD7ZP	46 / 46	<i>Bacteroides vulgatus</i>	41.70	30 / 30	<i>Bifidobacterium</i>	66.42	1
HSM5MD82P	76 / 76	<i>Prevotella copri</i>	29.86	44 / 44	<i>Kocuria</i>	29.86	2
HSM5MD87P	64 / 63	<i>Faecalibacterium prausnitzii</i>	23.96	36 / 36	<i>Bifidobacterium</i>	49.69	1
HSM5MD8AP	98 / 88	<i>Bacteroides vulgatus</i>	19.21	54 / 52	<i>Bifidobacterium</i>	56.65	1
HSM5MD8BP	66 / 65	<i>Prevotella copri</i>	60.19	38 / 38	<i>Kocuria</i>	60.19	2
HSM5MD8DP	43 / 43	<i>Prevotella copri</i>	69.37	27 / 27	<i>Kocuria</i>	69.37	2
HSM5MD8FP	54 / 54	<i>Bacteroides eggertii</i>	28.53	37 / 37	<i>Bifidobacterium</i>	59.33	1
HSM5MD8HP	44 / 44	<i>Bacteroides stercoris</i>	26.05	30 / 30	<i>Bifidobacterium</i>	47.54	1
HSM5MD8JP	49 / 48	<i>Bacteroides stercoris</i>	32.74	30 / 30	<i>Bifidobacterium</i>	48.35	2
HSM5MD8LP	47 / 47	<i>Prevotella copri</i>	72.33	32 / 32	<i>Kocuria</i>	72.33	2
HSM5MD8NP	59 / 58	<i>Bacteroides uniformis</i>	19.04	34 / 34	<i>Bifidobacterium</i>	47.93	1
HSM5MD8PP	49 / 49	<i>Prevotella copri</i>	68.89	28 / 28	<i>Kocuria</i>	68.89	2
HSM5MEE5P	37 / 37	<i>Bacteroides vulgatus</i>	73.87	27 / 27	<i>Bifidobacterium</i>	84.57	1
HSM67VCXP	28 / 28	<i>Bacteroides stercoris</i>	41.06	19 / 19	<i>Bifidobacterium</i>	74.97	1
HSM67VCZ	44 / 43	<i>Bacteroides stercoris</i>	37.45	26 / 26	<i>Bifidobacterium</i>	83.00	1
HSM67VD2	44 / 44	<i>Bacteroides uniformis</i>	26.04	28 / 28	<i>Bifidobacterium</i>	79.52	1
HSM67VD4	43 / 41	<i>Bacteroides fragilis</i>	42.62	29 / 29	<i>Bifidobacterium</i>	66.52	1
HSM67VD6	46 / 46	<i>Bacteroides fragilis</i>	26.45	29 / 29	<i>Bifidobacterium</i>	77.66	1
HSM67VDP	19 / 12	<i>Bacteroides vulgatus</i>	58.09	11 / 9	<i>Bifidobacterium</i>	58.09	1
HSM67VDRP	55 / 55	<i>Bacteroides vulgatus</i>	31.52	28 / 28	<i>Bifidobacterium</i>	57.27	1
HSM67VDTP	56 / 56	<i>Bacteroides stercoris</i>	35.84	33 / 33	<i>Bifidobacterium</i>	76.39	1
HSM67VDT	56 / 56	<i>Bacteroides stercoris</i>	38.08	36 / 36	<i>Bifidobacterium</i>	78.80	1
HSM67VDXP	87 / 81	<i>Bacteroides dorei</i>	20.37	52 / 51	<i>Bifidobacterium</i>	48.84	1
HSM67VDZ	19 / 19	<i>Prevotella copri</i>	91.52	15 / 15	<i>Kocuria</i>	91.52	2
HSM67VE4	27 / 27	<i>Prevotella copri</i>	81.04	20 / 20	<i>Kocuria</i>	81.04	2
HSM67VEC	44 / 40	<i>Bacteroides fragilis</i>	82.35	26 / 25	<i>Bifidobacterium</i>	82.35	1
HSM67VEE	52 / 45	<i>Bacteroides fragilis</i>	57.81	31 / 28	<i>Bifidobacterium</i>	57.81	1
HSM67VEG	41 / 40	<i>Bacteroides fragilis</i>	25.57	27 / 27	<i>Bifidobacterium</i>	25.66	1
HSM67VEI	42 / 39	<i>Faecalibacterium prausnitzii</i>	39.82	27 / 27	<i>Butyricimonas</i>	39.82	1
HSM67VEK	50 / 44	<i>Faecalibacterium prausnitzii</i>	50.00	29 / 29	<i>Butyricimonas</i>	50.00	1
HSM67VEMTR	53 / 50	<i>Faecalibacterium prausnitzii</i>	41.61	30 / 29	<i>Butyricimonas</i>	41.61	1
HSM67VEM	58 / 53	<i>Faecalibacterium prausnitzii</i>	38.72	33 / 32	<i>Butyricimonas</i>	38.72	1
HSM67VEO	61 / 60	<i>Bacteroides dorei</i>	25.86	35 / 35	<i>Bifidobacterium</i>	61.22	1
HSM67VEQ	61 / 60	<i>Bacteroides dorei</i>	17.14	36 / 36	<i>Bifidobacterium</i>	47.67	1
HSM67VES	64 / 63	<i>Bacteroides dorei</i>	22.82	37 / 37	<i>Bifidobacterium</i>	59.21	1
HSM67VEU	68 / 67	<i>Bacteroides dorei</i>	18.74	40 / 40	<i>Bifidobacterium</i>	50.32	1
HSM67VEW	61 / 60	<i>Bacteroides dorei</i>	17.58	37 / 37	<i>Bifidobacterium</i>	50.21	1
HSM67VF3	28 / 28	<i>Bacteroides stercoris</i>	45.63	16 / 16	<i>Bifidobacterium</i>	94.39	1
HSM67VF9	35 / 21	<i>Bacteroides vulgatus</i>	49.85	16 / 12	<i>Bifidobacterium</i>	72.92	1
HSM67VFD	9 / 4	<i>Bacteroides vulgatus</i>	77.66	8 / 6	<i>Bifidobacterium</i>	77.66	1
HSM67VFF	32 / 32	<i>Bacteroides vulgatus</i>	48.14	21 / 21	<i>Bifidobacterium</i>	83.03	1
HSM67VFH	26 / 21	<i>Bacteroides vulgatus</i>	24.72	16 / 15	<i>Bifidobacterium</i>	53.45	1
HSM67VFJ	28 / 24	<i>Bacteroides fragilis</i>	32.26	20 / 18	<i>Bifidobacterium</i>	65.24	1
HSM67VFR	40 / 36	<i>Bacteroides vulgatus</i>	50.81	26 / 26	<i>Bifidobacterium</i>	81.32	1
HSM67VFXP	73 / 70	<i>Faecalibacterium prausnitzii</i>	25.77	45 / 45	<i>Bifidobacterium</i>	38.97	1
HSM67VFX	68 / 67	<i>Bacteroides vulgatus</i>	27.26	44 / 44	<i>Bifidobacterium</i>	44.25	1
HSM67VFZ	74 / 71	<i>Bacteroides vulgatus</i>	30.90	42 / 42	<i>Bifidobacterium</i>	64.22	1

Continuation of Table 4

Sample	Species			Genus			Type
	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	
HSM67VG2P	69 / 62	<i>Bacteroides fragilis</i>	61.22	45 / 44	<i>Bifidobacterium</i>	79.49	1
HSM67VG6P	88 / 82	<i>Bacteroides eggertii</i>	11.44	49 / 49	<i>Bifidobacterium</i>	54.29	1
HSM67VG8	78 / 71	<i>Bacteroides uniformis</i>	30.70	45 / 44	<i>Bifidobacterium</i>	71.60	1
HSM67VGAP	52 / 52	<i>Bacteroides vulgatus</i>	20.63	33 / 33	<i>Bifidobacterium</i>	60.18	1
HSM67VGA	63 / 63	<i>Bacteroides vulgatus</i>	20.19	37 / 37	<i>Bifidobacterium</i>	55.33	1
HSM67VGC	52 / 52	<i>Faecalibacterium prausnitzii</i>	23.32	35 / 35	<i>Bifidobacterium</i>	36.93	1
HSM67VGEP	99 / 97	<i>Prevotella copri</i>	28.53	52 / 52	<i>Kocuria</i>	28.54	2
HSM67VGG	61 / 60	<i>Alistipes finegoldii</i>	25.89	39 / 39	<i>Bifidobacterium</i>	31.00	1
HSM67VGIP	34 / 33	<i>Prevotella copri</i>	38.08	23 / 23	<i>Kocuria</i>	38.08	2
HSM67VGKTR	50 / 48	<i>Prevotella copri</i>	66.67	29 / 29	<i>Kocuria</i>	66.67	2
HSM67VGK	50 / 48	<i>Prevotella copri</i>	67.14	32 / 32	<i>Kocuria</i>	67.14	2
HSM67VGY	70 / 69	<i>Bacteroides uniformis</i>	24.28	42 / 41	<i>Bifidobacterium</i>	59.38	1
HSM67VH1	57 / 56	<i>Faecalibacterium prausnitzii</i>	32.07	29 / 29	<i>Bifidobacterium</i>	33.88	1
HSM67VHB	47 / 47	<i>Bacteroides fragilis</i>	25.91	30 / 30	<i>Bifidobacterium</i>	81.85	1
HSM67VHD	42 / 42	<i>Bacteroides uniformis</i>	23.46	30 / 30	<i>Bifidobacterium</i>	62.60	1
HSM67VHF	44 / 44	<i>Bacteroides stercoris</i>	23.47	29 / 29	<i>Bifidobacterium</i>	77.38	1
HSM67VHH	47 / 45	<i>Bacteroides fragilis</i>	28.11	32 / 32	<i>Bifidobacterium</i>	66.36	1
HSM67VHJ	46 / 46	<i>Bacteroides fragilis</i>	28.05	29 / 29	<i>Bifidobacterium</i>	78.92	1
HSM67VHK	11 / 11	<i>Bacteroides vulgatus</i>	55.54	8 / 8	<i>Bifidobacterium</i>	89.68	1
HSM67VHQ	42 / 42	<i>Bacteroides vulgatus</i>	37.84	27 / 27	<i>Bifidobacterium</i>	67.87	1
HSM67VHS	42 / 42	<i>Bacteroides vulgatus</i>	42.20	26 / 26	<i>Bifidobacterium</i>	70.21	1
HSM67VHW	55 / 50	<i>Bacteroides vulgatus</i>	40.51	37 / 34	<i>Bifidobacterium</i>	60.83	1
HSM67VI1	71 / 70	<i>Bacteroides vulgatus</i>	40.44	37 / 37	<i>Bifidobacterium</i>	67.23	1
HSM67VI3	55 / 54	<i>Bacteroides vulgatus</i>	32.84	30 / 30	<i>Bifidobacterium</i>	69.76	1
HSM67VI5	63 / 62	<i>Bacteroides stercoris</i>	36.78	35 / 34	<i>Bifidobacterium</i>	66.79	1
HSM67VI7	58 / 58	<i>Bacteroides stercoris</i>	38.05	32 / 32	<i>Bifidobacterium</i>	75.94	1
HSM67VI9	66 / 65	<i>Bacteroides stercoris</i>	33.22	38 / 37	<i>Bifidobacterium</i>	76.09	1
HSM67VIB	65 / 64	<i>Bacteroides stercoris</i>	39.96	35 / 34	<i>Bifidobacterium</i>	74.84	1
HSM67VID	40 / 37	<i>Prevotella copri</i>	69.29	24 / 24	<i>Kocuria</i>	69.29	2
HSM67VIF	50 / 44	<i>Prevotella copri</i>	66.95	31 / 30	<i>Kocuria</i>	66.95	2
HSM67VIJP	57 / 53	<i>Prevotella copri</i>	58.04	34 / 33	<i>Kocuria</i>	58.04	2
HSM67VIL	31 / 31	<i>Prevotella copri</i>	82.03	20 / 20	<i>Kocuria</i>	82.03	2
HSM6XRQ8	52 / 52	<i>Prevotella copri</i>	66.62	33 / 33	<i>Kocuria</i>	66.62	2
HSM6XRQBP	44 / 38	<i>Bacteroides ovatus</i>	16.36	26 / 23	<i>Bifidobacterium</i>	38.08	1
HSM6XRQB	43 / 38	<i>Bacteroides vulgatus</i>	15.57	26 / 24	<i>Bifidobacterium</i>	46.71	1
HSM6XRQCP	25 / 25	<i>Bacteroides fragilis</i>	65.69	14 / 14	<i>Bifidobacterium</i>	84.48	1
HSM6XRQEP	9 / 7	<i>Prevotella stercorea</i>	69.16	7 / 6	<i>Kocuria</i>	69.16	1
HSM6XRQI	34 / 32	<i>Bacteroides vulgatus</i>	35.84	21 / 21	<i>Bifidobacterium</i>	74.57	1
HSM6XRQK	38 / 37	<i>Bacteroides vulgatus</i>	47.47	23 / 23	<i>Bifidobacterium</i>	82.16	1
HSM6XRQM	45 / 42	<i>Bacteroides vulgatus</i>	41.95	28 / 27	<i>Bifidobacterium</i>	65.26	1
HSM6XRQO	35 / 33	<i>Bacteroides vulgatus</i>	45.28	22 / 21	<i>Bifidobacterium</i>	72.60	1
HSM6XRQS	31 / 29	<i>Bacteroides stercoris</i>	43.17	19 / 18	<i>Bifidobacterium</i>	86.54	1
HSM6XRQU	44 / 40	<i>Bacteroides stercoris</i>	47.27	26 / 25	<i>Bifidobacterium</i>	86.30	1
HSM6XRQW	26 / 24	<i>Bacteroides stercoris</i>	54.81	18 / 17	<i>Bifidobacterium</i>	91.00	1
HSM6XRQY	33 / 32	<i>Bacteroides stercoris</i>	40.85	22 / 22	<i>Bifidobacterium</i>	90.13	1
HSM6XRR3	34 / 34	<i>Bacteroides stercoris</i>	26.08	25 / 25	<i>Bifidobacterium</i>	82.44	1
HSM6XRR5	67 / 64	<i>Faecalibacterium prausnitzii</i>	18.60	39 / 38	<i>Bifidobacterium</i>	40.87	1
HSM6XRR7	70 / 66	<i>Bacteroides stercoris</i>	31.87	38 / 37	<i>Bifidobacterium</i>	53.95	1
HSM6XRRB	34 / 34	<i>Bacteroides dorei</i>	82.55	27 / 27	<i>Bifidobacterium</i>	82.55	1
HSM6XRRD	44 / 44	<i>Prevotella sp AM42 24</i>	51.02	26 / 26	<i>Kocuria</i>	64.16	1
HSM6XRRJ	30 / 30	<i>Bacteroides stercoris</i>	60.66	22 / 22	<i>Bifidobacterium</i>	86.76	1
HSM6XRRV	52 / 52	<i>Bacteroides vulgatus</i>	27.02	37 / 37	<i>Bifidobacterium</i>	43.61	1
HSM6XRS2	43 / 43	<i>Bacteroides vulgatus</i>	20.93	31 / 31	<i>Bifidobacterium</i>	33.35	1
HSM6XRS4	21 / 12	<i>Enterobacter cloacae complex</i>	41.27	11 / 7	<i>Candidatus Gastranaerophilales unclassified</i>	41.27	2
HSM6XRS6	28 / 16	<i>Escherichia coli</i>	58.33	10 / 7	<i>Chlamydia</i>	58.36	2
HSM6XRS8	8 / 7	<i>Bifidobacterium longum</i>	38.72	6 / 5	<i>Actinomyces</i>	51.23	1
HSM6XRSE	51 / 45	<i>Bacteroides fragilis</i>	38.22	29 / 28	<i>Bifidobacterium</i>	62.69	1
HSM6XRSG	25 / 15	<i>Bacteroides vulgatus</i>	93.61	14 / 12	<i>Bifidobacterium</i>	93.61	1
HSM6XRSI	33 / 21	<i>Bacteroides vulgatus</i>	75.48	21 / 16	<i>Bifidobacterium</i>	75.48	1
HSM6XRSN	49 / 49	<i>Bacteroides vulgatus</i>	47.70	32 / 32	<i>Bifidobacterium</i>	73.32	1
HSM6XRST	55 / 55	<i>Bacteroides vulgatus</i>	34.52	31 / 31	<i>Bifidobacterium</i>	68.90	1
HSM6XRSP	91 / 90	<i>Bacteroides vulgatus</i>	28.09	51 / 50	<i>Bifidobacterium</i>	56.36	1
HSM6XRSX	86 / 85	<i>Bacteroides vulgatus</i>	25.48	49 / 48	<i>Bifidobacterium</i>	53.66	1
HSM6XRSZP	70 / 70	<i>Bacteroides vulgatus</i>	39.26	43 / 43	<i>Bifidobacterium</i>	67.15	1

Continuation of Table 4

Sample	Species			Genus			Type
	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	
HSM6XRT2P	77 / 74	<i>Bacteroides vulgatus</i>	30.67	44 / 44	<i>Bifidobacterium</i>	76.94	1
HSM6XRT4P	78 / 76	<i>Bacteroides vulgatus</i>	34.66	46 / 46	<i>Bifidobacterium</i>	64.11	1
HSM6XRT6P	79 / 77	<i>Bacteroides vulgatus</i>	13.73	46 / 44	<i>Bifidobacterium</i>	27.33	1
HSM6XRT8	52 / 52	<i>Bacteroides uniformis</i>	23.86	34 / 34	<i>Bifidobacterium</i>	45.29	1
HSM6XRTAP	59 / 58	<i>Prevotella copri</i>	18.38	33 / 32	<i>Bifidobacterium</i>	38.11	1
HSM6XRTCP	44 / 44	<i>Prevotella copri</i>	47.90	28 / 28	<i>Kocuria</i>	47.90	2
HSM6XRTEP	79 / 78	<i>Prevotella copri</i>	17.47	43 / 42	<i>Bifidobacterium</i>	34.10	1
HSM6XRTGP	49 / 49	<i>Prevotella copri</i>	68.81	31 / 31	<i>Kocuria</i>	68.81	2
HSM6XRTEG	47 / 47	<i>Prevotella copri</i>	69.52	30 / 30	<i>Kocuria</i>	69.52	2
HSM6XRTO	58 / 58	<i>Bacteroides dorei</i>	24.63	31 / 31	<i>Bifidobacterium</i>	64.79	1
HSM6XRTO	56 / 56	<i>Bacteroides dorei</i>	24.96	35 / 35	<i>Bifidobacterium</i>	76.73	1
HSM6XRTQ	43 / 43	<i>Faecalibacterium prausnitzii</i>	42.69	26 / 26	<i>Butyricimonas</i>	42.69	1
HSM6XRST	59 / 59	<i>Bacteroides uniformis</i>	28.12	34 / 34	<i>Bifidobacterium</i>	69.72	1
HSM6XRUL	48 / 48	<i>Bacteroides vulgatus</i>	26.48	26 / 26	<i>Bifidobacterium</i>	66.12	1
HSM6XRUN	41 / 41	<i>Bacteroides vulgatus</i>	28.00	22 / 22	<i>Bifidobacterium</i>	64.61	1
HSM6XRUR	47 / 47	<i>Prevotella copri</i>	88.85	27 / 27	<i>Kocuria</i>	88.85	2
HSM6XRUV	41 / 41	<i>Bacteroides stercoris</i>	25.03	28 / 28	<i>Bifidobacterium</i>	77.71	1
HSM6XRUX	72 / 66	<i>Bacteroides stercoris</i>	19.41	38 / 36	<i>Bifidobacterium</i>	49.24	1
HSM6XRUZ	49 / 48	<i>Bacteroides stercoris</i>	17.34	27 / 26	<i>Bifidobacterium</i>	36.98	1
HSM6XR2	55 / 55	<i>Eubacterium rectale</i>	14.04	29 / 29	<i>Bifidobacterium</i>	31.68	1
HSM6XR4	76 / 67	<i>Faecalibacterium prausnitzii</i>	16.55	36 / 34	<i>Bifidobacterium</i>	35.89	1
HSM6XR6	80 / 72	<i>Prevotella stercorea</i>	23.58	38 / 36	<i>Kocuria</i>	35.27	1
HSM6XR8	78 / 71	<i>Prevotella sp AM42 24</i>	22.38	42 / 37	<i>Kocuria</i>	28.83	1
HSM6XRVA	44 / 44	<i>Bacteroides stercoris</i>	46.40	31 / 31	<i>Bifidobacterium</i>	60.87	1
HSM6XRVC	40 / 40	<i>Faecalibacterium prausnitzii</i>	56.95	28 / 28	<i>Butyricimonas</i>	56.95	1
HSM6XRVC	47 / 47	<i>Faecalibacterium prausnitzii</i>	37.05	30 / 30	<i>Bifidobacterium</i>	41.44	1
HSM6XRVK	50 / 50	<i>Faecalibacterium prausnitzii</i>	56.22	31 / 31	<i>Butyricimonas</i>	56.22	1
HSM6XRVM	60 / 59	<i>Faecalibacterium prausnitzii</i>	15.05	37 / 36	<i>Bifidobacterium</i>	26.11	1
HSM6XRVO	42 / 42	<i>Faecalibacterium prausnitzii</i>	33.37	27 / 27	<i>Butyricimonas</i>	33.37	1
HSM6XR2	59 / 58	<i>Bacteroides vulgatus</i>	24.11	37 / 37	<i>Bifidobacterium</i>	41.61	1
HSM6XR2	62 / 59	<i>Escherichia coli</i>	28.15	37 / 37	<i>Bifidobacterium</i>	38.17	1
HSM7CYWSP	77 / 76	<i>Bacteroides vulgatus</i>	33.10	38 / 37	<i>Bifidobacterium</i>	67.48	1
HSM7CYX2	71 / 58	<i>Faecalibacterium prausnitzii</i>	37.76	36 / 31	<i>Butyricimonas</i>	37.76	1
HSM7CYX4	55 / 51	<i>Bacteroides uniformis</i>	33.23	33 / 33	<i>Bifidobacterium</i>	44.63	1
HSM7CYX6	58 / 55	<i>Bacteroides uniformis</i>	15.28	36 / 36	<i>Bifidobacterium</i>	23.86	1
HSM7CYX8	59 / 54	<i>Faecalibacterium prausnitzii</i>	25.10	39 / 37	<i>Bifidobacterium</i>	29.75	1
HSM7CYXA	52 / 50	<i>Faecalibacterium prausnitzii</i>	29.16	35 / 34	<i>Bifidobacterium</i>	36.41	1
HSM7CYXC	49 / 46	<i>Bacteroides fragilis</i>	27.13	29 / 29	<i>Bifidobacterium</i>	45.88	1
HSM7CYXE	33 / 33	<i>Bacteroides vulgatus</i>	41.81	21 / 21	<i>Bifidobacterium</i>	93.02	1
HSM7CYXG	48 / 47	<i>Bacteroides vulgatus</i>	43.85	30 / 29	<i>Bifidobacterium</i>	81.56	1
HSM7CYXI	19 / 19	<i>Bacteroides stercoris</i>	45.24	11 / 11	<i>Bifidobacterium</i>	92.26	1
HSM7CYXO	27 / 27	<i>Bacteroides stercoris</i>	44.40	18 / 18	<i>Bifidobacterium</i>	93.15	1
HSM7CYXQ	47 / 47	<i>Bacteroides vulgatus</i>	29.68	30 / 30	<i>Bifidobacterium</i>	60.10	1
HSM7CYXS	49 / 48	<i>Bacteroides vulgatus</i>	25.59	32 / 32	<i>Bifidobacterium</i>	58.36	1
HSM7CY3	25 / 24	<i>Bacteroides vulgatus</i>	21.16	16 / 16	<i>Bifidobacterium</i>	69.60	1
HSM7CY5	72 / 71	<i>Bacteroides vulgatus</i>	29.39	39 / 39	<i>Bifidobacterium</i>	74.93	1
HSM7CY7	39 / 39	<i>Bacteroides uniformis</i>	45.14	25 / 25	<i>Bifidobacterium</i>	74.75	1
HSM7CY9	57 / 54	<i>Prevotella copri</i>	46.03	33 / 32	<i>Kocuria</i>	46.03	2
HSM7CYB	27 / 16	<i>Escherichia coli</i>	87.25	15 / 11	<i>Chlamydia</i>	87.25	1
HSM7CYD	59 / 57	<i>Bacteroides vulgatus</i>	23.13	36 / 36	<i>Bifidobacterium</i>	61.81	1
HSM7CYF	56 / 49	<i>Bacteroides stercoris</i>	45.62	29 / 28	<i>Bifidobacterium</i>	81.74	1
HSM7CYH	50 / 45	<i>Bacteroides vulgatus</i>	46.19	31 / 28	<i>Bifidobacterium</i>	66.71	1
HSM7CYP	23 / 21	<i>Bacteroides stercoris</i>	43.53	16 / 16	<i>Bifidobacterium</i>	87.57	1
HSM7CYRP	36 / 35	<i>Prevotella copri</i>	40.90	22 / 22	<i>Kocuria</i>	40.90	2
HSM7CYVP	35 / 35	<i>Prevotella copri</i>	54.66	23 / 23	<i>Kocuria</i>	54.66	2
HSM7CY25	27 / 25	<i>Bacteroides fragilis</i>	48.81	18 / 17	<i>Bifidobacterium</i>	83.27	1
HSM7CY27	47 / 40	<i>Roseburia intestinalis</i>	44.92	23 / 22	<i>Bacteroides</i>	44.92	1
HSM7CY29	42 / 40	<i>Roseburia intestinalis</i>	51.07	25 / 25	<i>Bacteroides</i>	51.07	1
HSM7CY2B	25 / 24	<i>Bacteroides fragilis</i>	43.73	18 / 18	<i>Bifidobacterium</i>	68.36	1
HSM7CY2D	23 / 22	<i>Bacteroides fragilis</i>	32.36	18 / 18	<i>Bifidobacterium</i>	52.42	1
HSM7CY2F	46 / 38	<i>Escherichia coli</i>	22.92	23 / 21	<i>Bifidobacterium</i>	28.94	1
HSM7CY2J	68 / 65	<i>Bacteroides caccae</i>	12.33	42 / 42	<i>Bifidobacterium</i>	52.21	1
HSM7CY2L	61 / 59	<i>Eubacterium siraeum</i>	14.91	33 / 33	<i>Bifidobacterium</i>	42.48	1
HSM7CY2R	60 / 59	<i>Bacteroides dorei</i>	31.45	35 / 35	<i>Bifidobacterium</i>	52.67	1
HSM7CY2T	20 / 16	<i>Bacteroides vulgatus</i>	71.51	15 / 14	<i>Bifidobacterium</i>	71.51	1
HSM7CY2V	17 / 15	<i>Bacteroides vulgatus</i>	91.28	16 / 15	<i>Bifidobacterium</i>	91.28	1



Continuation of Table 4

Sample	Species			Genus			Type
	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	
HSM7CZ14	20 / 18	<i>Bacteroides vulgatus</i>	74.70	17 / 16	<i>Bifidobacterium</i>	74.70	1
HSM7CZ16	56 / 56	<i>Prevotella copri</i>	64.32	34 / 34	<i>Kocuria</i>	64.32	2
HSM7CZ18	65 / 65	<i>Faecalibacterium prausnitzii</i>	20.04	40 / 40	<i>Bifidobacterium</i>	26.90	2
HSM7CZ1A	81 / 80	<i>Bacteroides vulgatus</i>	26.96	45 / 44	<i>Bifidobacterium</i>	45.28	1
HSM7CZ1C	75 / 69	<i>Alistipes putredinis</i>	17.23	42 / 40	<i>Bifidobacterium</i>	42.41	1
HSM7CZ1E	52 / 52	<i>Prevotella copri</i>	83.97	29 / 29	<i>Kocuria</i>	84.00	2
HSM7CZ1G	57 / 56	<i>Prevotella copri</i>	64.91	33 / 33	<i>Kocuria</i>	64.91	2
HSM7CZ1TP	62 / 62	<i>Bacteroides vulgatus</i>	40.95	39 / 39	<i>Bifidobacterium</i>	78.05	1
HSM7CZ1V	63 / 62	<i>Bacteroides vulgatus</i>	47.66	37 / 36	<i>Bifidobacterium</i>	82.75	1
HSM7CZ1Z	78 / 77	<i>Bacteroides vulgatus</i>	28.83	43 / 43	<i>Bifidobacterium</i>	60.73	1
HSM7CZ22	56 / 55	<i>Bacteroides vulgatus</i>	28.97	33 / 33	<i>Bifidobacterium</i>	73.62	1
HSM7CZ24	53 / 53	<i>Bacteroides stercoris</i>	33.81	32 / 32	<i>Bifidobacterium</i>	75.06	1
HSM7CZ26	55 / 55	<i>Bacteroides stercoris</i>	32.27	31 / 31	<i>Bifidobacterium</i>	73.15	1
HSM7CZ28	67 / 66	<i>Bacteroides vulgatus</i>	29.24	41 / 40	<i>Bifidobacterium</i>	68.23	1
HSM7CZ2A	55 / 54	<i>Bacteroides stercoris</i>	24.08	33 / 33	<i>Bifidobacterium</i>	68.20	1
HSM7CZ2E	51 / 50	<i>Bacteroides vulgatus</i>	27.18	29 / 29	<i>Bifidobacterium</i>	74.66	1
HSM7CZ2H	72 / 68	<i>Bacteroides vulgatus</i>	31.63	42 / 42	<i>Bifidobacterium</i>	59.65	1
HSM7CZ2JP	49 / 49	<i>Bacteroides eggerthii</i>	32.46	31 / 31	<i>Bifidobacterium</i>	68.30	1
HSM7CZ2LP	65 / 62	<i>Faecalibacterium prausnitzii</i>	27.55	40 / 40	<i>Bifidobacterium</i>	51.71	1
HSM7CZ2VP	67 / 66	<i>Bacteroides vulgatus</i>	35.05	40 / 39	<i>Bifidobacterium</i>	79.65	1
HSM7CZ2XP	42 / 41	<i>Bacteroides vulgatus</i>	54.43	31 / 31	<i>Bifidobacterium</i>	62.00	1
HSM7CZ2Z	47 / 40	<i>Bacteroides uniformis</i>	24.02	33 / 28	<i>Bifidobacterium</i>	63.11	1
HSM7CZ32	44 / 41	<i>Bacteroides vulgatus</i>	33.79	24 / 24	<i>Bifidobacterium</i>	75.52	1
HSM7CZ36	45 / 40	<i>Roseburia faecis</i>	36.24	25 / 24	<i>Bacteroides</i>	36.24	1
HSM7CZ38	38 / 35	<i>Bacteroides vulgatus</i>	42.78	22 / 22	<i>Bifidobacterium</i>	85.35	1
HSM7CZ3A	51 / 51	<i>Bacteroides vulgatus</i>	43.20	31 / 31	<i>Bifidobacterium</i>	73.55	1
HSM7CZ3C	47 / 47	<i>Bacteroides vulgatus</i>	37.85	29 / 29	<i>Bifidobacterium</i>	66.68	1
HSM7CZ3E	60 / 60	<i>Bacteroides vulgatus</i>	29.79	37 / 37	<i>Bifidobacterium</i>	59.13	1
HSM7CZ3G	46 / 46	<i>Bacteroides vulgatus</i>	31.26	25 / 25	<i>Bifidobacterium</i>	76.42	1
HSM7J4G1	84 / 75	<i>Bacteroides fragilis</i>	27.31	52 / 47	<i>Bifidobacterium</i>	71.53	1
HSM7J4G8	58 / 57	<i>Eubacterium siraeum</i>	21.31	32 / 32	<i>Bifidobacterium</i>	36.86	1
HSM7J4GD	39 / 38	<i>Prevotella copri</i>	50.24	26 / 26	<i>Kocuria</i>	50.24	2
HSM7J4GP	62 / 61	<i>Bacteroides vulgatus</i>	32.96	38 / 38	<i>Bifidobacterium</i>	59.29	1
HSM7J4GR	69 / 69	<i>Bacteroides vulgatus</i>	50.10	40 / 40	<i>Bifidobacterium</i>	77.43	1
HSM7J4HA	65 / 64	<i>Prevotella copri</i>	30.92	41 / 41	<i>Kocuria</i>	30.92	2
HSM7J4HC	59 / 59	<i>Prevotella copri</i>	26.45	36 / 36	<i>Bifidobacterium</i>	40.71	2
HSM7J4HE	54 / 54	<i>Prevotella copri</i>	74.89	32 / 32	<i>Kocuria</i>	74.89	2
HSM7J4HG	65 / 63	<i>Prevotella copri</i>	23.95	38 / 38	<i>Bifidobacterium</i>	28.97	2
HSM7J4HI	59 / 57	<i>Prevotella copri</i>	29.64	35 / 35	<i>Bifidobacterium</i>	32.77	2
HSM7J4HK	64 / 63	<i>Bacteroides vulgatus</i>	22.06	41 / 41	<i>Bifidobacterium</i>	43.87	1
HSM7J4HM	48 / 47	<i>Bacteroides vulgatus</i>	29.58	28 / 28	<i>Bifidobacterium</i>	35.27	1
HSM7J4HO	53 / 52	<i>Bacteroides vulgatus</i>	38.27	30 / 30	<i>Bifidobacterium</i>	43.83	1
HSM7J4HQ	52 / 51	<i>Bacteroides vulgatus</i>	69.03	28 / 28	<i>Bifidobacterium</i>	72.30	1
HSM7J4HS	39 / 37	<i>Eubacterium rectale</i>	34.78	24 / 24	<i>Bacteroides</i>	34.78	1
HSM7J4HU	35 / 33	<i>Bacteroides vulgatus</i>	39.60	24 / 24	<i>Bifidobacterium</i>	66.02	1
HSM7J4HW	65 / 63	<i>Bacteroides vulgatus</i>	19.85	39 / 39	<i>Bifidobacterium</i>	55.35	1
HSM7J4HY	55 / 53	<i>Bacteroides vulgatus</i>	26.84	34 / 34	<i>Bifidobacterium</i>	84.36	1
HSM7J4I3	49 / 49	<i>Bacteroides vulgatus</i>	43.44	27 / 27	<i>Bifidobacterium</i>	85.38	1
HSM7J4I5	53 / 52	<i>Bacteroides vulgatus</i>	20.15	30 / 30	<i>Bifidobacterium</i>	65.39	1
HSM7J4I7	52 / 50	<i>Alistipes putredinis</i>	23.06	31 / 31	<i>Bifidobacterium</i>	49.62	1
HSM7J4I9	56 / 54	<i>Alistipes putredinis</i>	23.18	33 / 33	<i>Bifidobacterium</i>	37.66	1
HSM7J4IC	46 / 46	<i>Bacteroides dorei</i>	21.74	34 / 34	<i>Bifidobacterium</i>	57.88	1
HSM7J4IO	58 / 58	<i>Roseburia faecis</i>	50.44	34 / 34	<i>Bacteroides</i>	52.07	1
HSM7J4IP	40 / 39	<i>Bacteroides fragilis</i>	22.28	29 / 29	<i>Bifidobacterium</i>	66.87	1
HSM7J4IQ	55 / 55	<i>Bacteroides fragilis</i>	30.86	29 / 29	<i>Bifidobacterium</i>	79.52	1
HSM7J4IR	54 / 54	<i>Bacteroides stercoris</i>	26.55	33 / 33	<i>Bifidobacterium</i>	73.74	1
HSM7J4IS	47 / 47	<i>Bacteroides fragilis</i>	33.39	30 / 30	<i>Bifidobacterium</i>	81.17	1
HSM7J4IU	58 / 56	<i>Bacteroides dorei</i>	19.70	34 / 34	<i>Bifidobacterium</i>	47.16	1
HSM7J4IW	60 / 59	<i>Bacteroides dorei</i>	16.67	35 / 35	<i>Bifidobacterium</i>	43.79	1
HSM7J4J7	43 / 43	<i>Bacteroides vulgatus</i>	55.80	27 / 27	<i>Bifidobacterium</i>	85.87	1
HSM7J4J9	37 / 37	<i>Bacteroides vulgatus</i>	52.78	24 / 24	<i>Bifidobacterium</i>	84.76	1
HSM7J4JD	44 / 44	<i>Bacteroides vulgatus</i>	39.37	26 / 26	<i>Bifidobacterium</i>	82.38	1
HSM7J4JF	49 / 49	<i>Bacteroides vulgatus</i>	35.55	32 / 32	<i>Bifidobacterium</i>	79.75	1
HSM7J4JH	34 / 27	<i>Flavonifractor plautii</i>	28.84	21 / 17	<i>Odoribacter</i>	28.84	1
HSM7J4JJ	61 / 49	<i>Faecalibacterium prausnitzii</i>	32.30	36 / 34	<i>Butyrivimonas</i>	32.30	1
HSM7J4JN	38 / 37	<i>Akkermansia muciniphila</i>	59.02	25 / 24	<i>Enterococcus</i>	59.02	1

Continuation of Table 4

Sample	Species			Genus			Type
	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	
HSM7J4JP	38 / 38	<i>Faecalibacterium prausnitzii</i>	44.51	25 / 25	<i>Butyricimonas</i>	44.51	1
HSM7J4JTP	43 / 42	<i>Prevotella copri</i>	56.02	27 / 27	<i>Kocuria</i>	56.02	2
HSM7J4JVP	43 / 43	<i>Prevotella copri</i>	70.69	24 / 24	<i>Kocuria</i>	70.69	2
HSM7J4JZ	34 / 33	<i>Eubacterium rectale</i>	28.44	19 / 19	<i>Bifidobacterium</i>	40.74	1
HSM7J4K2	43 / 41	<i>Bacteroides stercoris</i>	26.77	24 / 24	<i>Bifidobacterium</i>	72.86	1
HSM7J4K4	14 / 14	<i>Eubacterium rectale</i>	26.38	9 / 9	<i>Bifidobacterium</i>	38.49	1
HSM7J4K6	48 / 48	<i>Bacteroides stercoris</i>	34.86	23 / 23	<i>Bifidobacterium</i>	69.63	1
HSM7J4K8	40 / 39	<i>Eubacterium rectale</i>	21.25	25 / 25	<i>Bifidobacterium</i>	39.42	1
HSM7J4KA	10 / 10	<i>Bacteroides vulgatus</i>	37.24	7 / 7	<i>Bifidobacterium</i>	44.23	1
HSM7J4KC	51 / 50	<i>Prevotella copri</i>	81.03	32 / 32	<i>Kocuria</i>	81.03	2
HSM7J4KG	61 / 60	<i>Prevotella copri</i>	45.08	37 / 37	<i>Kocuria</i>	45.08	2
HSM7J4KI	82 / 80	<i>Bacteroides vulgatus</i>	22.11	48 / 47	<i>Bifidobacterium</i>	45.78	1
HSM7J4KK	85 / 83	<i>Bacteroides vulgatus</i>	16.98	49 / 48	<i>Bifidobacterium</i>	55.76	1
HSM7J4KM	68 / 66	<i>Prevotella copri</i>	32.00	39 / 39	<i>Kocuria</i>	32.17	2
HSM7J4KO	46 / 46	<i>Bacteroides vulgatus</i>	46.21	27 / 27	<i>Bifidobacterium</i>	83.65	1
HSM7J4KQ	51 / 51	<i>Bacteroides stercoris</i>	32.55	34 / 34	<i>Bifidobacterium</i>	81.36	1
HSM7J4L5	30 / 29	<i>Bacteroides stercoris</i>	38.60	18 / 17	<i>Bifidobacterium</i>	89.70	1
HSM7J4L9	35 / 33	<i>Bacteroides vulgatus</i>	26.26	22 / 21	<i>Bifidobacterium</i>	78.96	1
HSM7J4LD	45 / 41	<i>Bacteroides stercoris</i>	49.33	28 / 27	<i>Bifidobacterium</i>	87.97	1
HSM7J4LF	17 / 17	<i>Bacteroides vulgatus</i>	41.57	14 / 14	<i>Bifidobacterium</i>	83.79	1
HSM7J4LN	43 / 40	<i>Bacteroides vulgatus</i>	28.25	29 / 29	<i>Bifidobacterium</i>	59.49	1
HSM7J4LP	4 / 3	<i>Haemophilus parainfluenzae</i>	70.96	3 / 2	<i>Bavariococcus</i>	70.96	1
HSM7J4M4	71 / 63	<i>Faecalibacterium prausnitzii</i>	38.04	35 / 33	<i>Butyricimonas</i>	38.04	1
HSM7J4M6	50 / 49	<i>Faecalibacterium prausnitzii</i>	25.17	32 / 32	<i>Bifidobacterium</i>	39.91	1
HSM7J4M8	75 / 70	<i>Faecalibacterium prausnitzii</i>	19.02	38 / 37	<i>Bifidobacterium</i>	39.22	1
HSM7J4MA	82 / 78	<i>Faecalibacterium prausnitzii</i>	23.71	44 / 43	<i>Bifidobacterium</i>	33.95	1
HSM7J4MC	88 / 80	<i>Bacteroides stercoris</i>	23.64	46 / 44	<i>Bifidobacterium</i>	51.78	1
HSM7J4ME	89 / 78	<i>Faecalibacterium prausnitzii</i>	31.03	48 / 44	<i>Butyricimonas</i>	31.03	1
HSM7J4MK	59 / 59	<i>Bacteroides vulgatus</i>	23.37	36 / 36	<i>Bifidobacterium</i>	63.04	1
HSM7J4MS	42 / 42	<i>Bacteroides dorei</i>	22.58	27 / 27	<i>Bifidobacterium</i>	50.49	1
HSM7J4MW	41 / 41	<i>Bacteroides dorei</i>	39.02	30 / 30	<i>Bifidobacterium</i>	66.07	1
HSM7J4MY	38 / 36	<i>Prevotella copri</i>	54.12	24 / 24	<i>Kocuria</i>	54.12	2
HSM7J4N4	46 / 43	<i>Prevotella copri</i>	32.48	29 / 28	<i>Bifidobacterium</i>	38.62	2
HSM7J4N6	43 / 41	<i>Prevotella copri</i>	77.17	25 / 25	<i>Kocuria</i>	77.17	2
HSM7J4N8	39 / 37	<i>Prevotella copri</i>	62.56	24 / 24	<i>Kocuria</i>	62.56	2
HSM7J4NA	50 / 46	<i>Prevotella copri</i>	24.52	32 / 31	<i>Bifidobacterium</i>	49.65	2
HSM7J4NC	57 / 57	<i>Bacteroides vulgatus</i>	22.54	35 / 35	<i>Bifidobacterium</i>	54.26	1
HSM7J4NE	55 / 55	<i>Bacteroides vulgatus</i>	37.22	32 / 32	<i>Bifidobacterium</i>	67.57	1
HSM7J4NM	72 / 72	<i>Bacteroides vulgatus</i>	27.68	42 / 42	<i>Bifidobacterium</i>	47.83	1
HSM7J4NO	46 / 45	<i>Prevotella copri</i>	69.94	29 / 29	<i>Kocuria</i>	69.94	2
HSM7J4NS	73 / 70	<i>Prevotella copri</i>	29.82	39 / 39	<i>Kocuria</i>	29.82	2
HSM7J4NU	80 / 77	<i>Prevotella copri</i>	21.35	48 / 47	<i>Bifidobacterium</i>	29.53	2
HSM7J4NY	60 / 59	<i>Bacteroides vulgatus</i>	27.50	35 / 35	<i>Bifidobacterium</i>	63.94	1
HSM7J4O1	69 / 68	<i>Bacteroides stercoris</i>	19.07	41 / 41	<i>Bifidobacterium</i>	69.95	1
HSM7J4O3	62 / 61	<i>Bacteroides vulgatus</i>	18.58	38 / 38	<i>Bifidobacterium</i>	58.87	1
HSM7J4O5	57 / 54	<i>Bacteroides stercoris</i>	24.94	33 / 32	<i>Bifidobacterium</i>	70.57	1
HSM7J4O7	64 / 63	<i>Bacteroides stercoris</i>	23.81	39 / 38	<i>Bifidobacterium</i>	62.29	1
HSM7J4O9	66 / 64	<i>Bacteroides vulgatus</i>	24.38	42 / 41	<i>Bifidobacterium</i>	63.63	1
HSM7J4OB	58 / 58	<i>Bacteroides vulgatus</i>	34.99	32 / 32	<i>Bifidobacterium</i>	59.45	1
HSM7J4OE	51 / 51	<i>Bacteroides vulgatus</i>	40.48	29 / 29	<i>Bifidobacterium</i>	68.91	1
HSM7J4OL	54 / 54	<i>Bacteroides vulgatus</i>	49.10	30 / 30	<i>Bifidobacterium</i>	82.14	1
HSM7J4ON	32 / 31	<i>Bacteroides stercoris</i>	39.97	19 / 18	<i>Bifidobacterium</i>	85.83	1
HSM7J4OP	41 / 40	<i>Bacteroides stercoris</i>	27.96	24 / 23	<i>Bifidobacterium</i>	80.75	1
HSM7J4OT	63 / 44	<i>Veillonella dispar</i>	28.39	30 / 24	<i>Prevotella</i>	51.13	1
HSM7J4OV	34 / 24	<i>Roseburia intestinalis</i>	71.76	18 / 15	<i>Bacteroides</i>	87.47	1
HSM7J4OX	56 / 47	<i>Roseburia intestinalis</i>	35.04	30 / 26	<i>Bacteroides</i>	35.57	1
HSM7J4OZ	45 / 44	<i>Bacteroides dorei</i>	22.98	31 / 31	<i>Bifidobacterium</i>	53.47	1
HSM7J4P2	51 / 51	<i>Bacteroides dorei</i>	28.44	33 / 33	<i>Bifidobacterium</i>	62.48	1
HSM7J4PA	45 / 45	<i>Bacteroides vulgatus</i>	47.83	26 / 26	<i>Bifidobacterium</i>	73.73	1
HSM7J4PC	57 / 55	<i>Faecalibacterium prausnitzii</i>	27.87	33 / 31	<i>Butyricimonas</i>	27.87	1
HSM7J4PE	65 / 59	<i>Faecalibacterium prausnitzii</i>	18.90	34 / 32	<i>Kocuria</i>	31.96	1
HSM7J4PG	79 / 76	<i>Bacteroides vulgatus</i>	31.95	42 / 40	<i>Bifidobacterium</i>	55.51	1
HSM7J4PI	82 / 69	<i>Faecalibacterium prausnitzii</i>	40.50	40 / 37	<i>Butyricimonas</i>	40.50	1
HSM7J4PK	8 / 8	<i>Prevotella stercorea</i>	47.69	6 / 6	<i>Kocuria</i>	47.89	1
HSM7J4PM	81 / 71	<i>Faecalibacterium prausnitzii</i>	38.57	40 / 38	<i>Butyricimonas</i>	38.57	1
HSM7J4PO	50 / 50	<i>Parabacteroides distasonis</i>	13.54	33 / 33	<i>Bifidobacterium</i>	37.24	1

Continuation of Table 4

Sample	Species			Genus			Type
	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	
HSM7J4PQ	42 / 41	<i>Bacteroides stercoris</i>	35.48	30 / 30	<i>Bifidobacterium</i>	82.64	1
HSM7J4PS	43 / 43	<i>Bacteroides fragilis</i>	27.59	29 / 29	<i>Bifidobacterium</i>	72.61	1
HSM7J4PU	32 / 32	<i>Bacteroides fragilis</i>	29.13	23 / 23	<i>Bifidobacterium</i>	77.74	1
HSM7J4PW	46 / 46	<i>Bacteroides uniformis</i>	16.04	31 / 31	<i>Bifidobacterium</i>	44.60	1
HSM7J4PY	43 / 43	<i>Bacteroides stercoris</i>	28.09	29 / 29	<i>Bifidobacterium</i>	79.24	1
HSM7J4Q1	56 / 56	<i>Alistipes finegoldii</i>	25.10	35 / 35	<i>Bifidobacterium</i>	36.75	1
HSM7J4Q3P	57 / 55	<i>Bacteroides dorei</i>	33.43	31 / 31	<i>Bifidobacterium</i>	41.78	1
HSM7J4Q7	62 / 62	<i>Alistipes finegoldii</i>	32.90	38 / 38	<i>Bifidobacterium</i>	34.32	1
HSM7J4Q9	51 / 51	<i>Alistipes finegoldii</i>	29.67	33 / 33	<i>Bifidobacterium</i>	45.37	1
HSM7J4QB	35 / 28	<i>Bacteroides fragilis</i>	23.12	21 / 19	<i>Bifidobacterium</i>	30.47	1
HSM7J4QD	21 / 19	<i>Eubacterium rectale</i>	39.02	15 / 15	<i>Bacteroides</i>	39.02	1
HSM7J4QF	47 / 44	<i>Bacteroides fragilis</i>	30.60	28 / 27	<i>Bifidobacterium</i>	57.61	1
HSM7J4QH	44 / 36	<i>Eubacterium rectale</i>	52.23	23 / 21	<i>Bacteroides</i>	52.23	1
HSM7J4QJ	1 / 1	<i>Eubacterium rectale</i>	100.00	1 / 1	<i>Bacteroides</i>	100.00	1
HSM7J4QL	44 / 40	<i>Bacteroides fragilis</i>	22.50	25 / 24	<i>Bifidobacterium</i>	49.09	1
HSM7J4QT	49 / 48	<i>Bacteroides vulgatus</i>	18.98	32 / 31	<i>Bifidobacterium</i>	45.95	1
HSM7J4QZ	56 / 56	<i>Faecalibacterium prausnitzii</i>	31.50	36 / 36	<i>Butyricimonas</i>	31.50	1
HSM7J4R2	51 / 51	<i>Bacteroides stercoris</i>	39.90	35 / 35	<i>Bifidobacterium</i>	57.81	1
HSM7J4RE	61 / 59	<i>Bacteroides dorei</i>	22.10	35 / 35	<i>Bifidobacterium</i>	52.70	1
HSMA33IA	36 / 34	<i>Bacteroides stercoris</i>	44.07	24 / 24	<i>Bifidobacterium</i>	82.22	1
HSMA33IC	56 / 54	<i>Bacteroides stercoris</i>	36.17	33 / 33	<i>Bifidobacterium</i>	68.28	1
HSMA33IE	37 / 37	<i>Bacteroides vulgatus</i>	17.58	23 / 23	<i>Bifidobacterium</i>	55.61	1
HSMA33IG	34 / 34	<i>Bacteroides uniformis</i>	21.45	20 / 20	<i>Bifidobacterium</i>	74.93	1
HSMA33IK	43 / 43	<i>Bacteroides vulgatus</i>	25.37	25 / 25	<i>Bifidobacterium</i>	72.04	1
HSMA33IS	53 / 48	<i>Prevotella copri</i>	16.62	32 / 29	<i>Kocuria</i>	19.75	2
HSMA33J1P	58 / 57	<i>Bacteroides vulgatus</i>	31.80	35 / 34	<i>Bifidobacterium</i>	47.64	1
HSMA33J3	55 / 55	<i>Prevotella copri</i>	61.73	32 / 32	<i>Kocuria</i>	61.74	2
HSMA33J5	55 / 55	<i>Prevotella copri</i>	52.72	33 / 33	<i>Kocuria</i>	52.72	2
HSMA33J7	56 / 55	<i>Bacteroides vulgatus</i>	25.38	34 / 34	<i>Bifidobacterium</i>	44.63	1
HSMA33J9	68 / 68	<i>Bacteroides vulgatus</i>	22.60	41 / 41	<i>Bifidobacterium</i>	38.88	1
HSMA33JB	55 / 55	<i>Bacteroides uniformis</i>	23.35	30 / 30	<i>Bifidobacterium</i>	63.60	1
HSMA33JD	56 / 56	<i>Bacteroides vulgatus</i>	29.51	31 / 31	<i>Bifidobacterium</i>	54.52	1
HSMA33JN	49 / 49	<i>Alistipes finegoldii</i>	41.47	34 / 34	<i>Micrococcus</i>	41.47	1
HSMA33JP	48 / 47	<i>Alistipes finegoldii</i>	34.95	32 / 31	<i>Bifidobacterium</i>	39.75	1
HSMA33JR	57 / 56	<i>Alistipes finegoldii</i>	25.98	37 / 37	<i>Bifidobacterium</i>	41.20	1
HSMA33JZ	24 / 24	<i>Bacteroides vulgatus</i>	29.95	14 / 14	<i>Bifidobacterium</i>	40.46	1
HSMA33KE	58 / 58	<i>Bacteroides vulgatus</i>	32.71	37 / 37	<i>Bifidobacterium</i>	61.36	1
HSMA33KM	57 / 57	<i>Bacteroides fragilis</i>	29.48	34 / 34	<i>Bifidobacterium</i>	72.70	1
HSMA33KO	40 / 40	<i>Bacteroides uniformis</i>	31.00	28 / 28	<i>Bifidobacterium</i>	81.07	1
HSMA33KQ	44 / 40	<i>Roseburia intestinalis</i>	38.66	31 / 30	<i>Bacteroides</i>	40.03	1
HSMA33KS	60 / 50	<i>Eubacterium sp CAG 180</i>	22.15	35 / 31	<i>Bacteroides</i>	25.98	1
HSMA33KU	51 / 44	<i>Faecalibacterium prausnitzii</i>	23.50	34 / 32	<i>Butyricimonas</i>	23.50	1
HSMA33L1	48 / 43	<i>Faecalibacterium prausnitzii</i>	26.38	32 / 30	<i>Butyricimonas</i>	26.38	1
HSMA33LB	23 / 22	<i>Bacteroides vulgatus</i>	27.39	15 / 15	<i>Bifidobacterium</i>	44.70	1
HSMA33LHTR	40 / 38	<i>Bacteroides vulgatus</i>	30.05	23 / 23	<i>Bifidobacterium</i>	61.49	1
HSMA33LH	30 / 28	<i>Bacteroides vulgatus</i>	34.57	17 / 17	<i>Bifidobacterium</i>	69.65	1
HSMA33LJ	41 / 39	<i>Bacteroides vulgatus</i>	30.31	23 / 23	<i>Bifidobacterium</i>	60.46	1
HSMA33LP	68 / 65	<i>Bacteroides vulgatus</i>	16.54	41 / 40	<i>Bifidobacterium</i>	55.96	1
HSMA33LX	72 / 70	<i>Prevotella copri</i>	28.55	40 / 40	<i>Kocuria</i>	28.55	2
HSMA33LZ	38 / 37	<i>Prevotella copri</i>	42.27	23 / 23	<i>Kocuria</i>	42.28	2
HSMA33M2	60 / 59	<i>Prevotella copri</i>	25.45	36 / 36	<i>Bifidobacterium</i>	31.76	2
HSMA33M8	51 / 50	<i>Prevotella copri</i>	65.78	30 / 30	<i>Kocuria</i>	65.81	2
HSMA33MA	61 / 60	<i>Faecalibacterium prausnitzii</i>	22.63	31 / 31	<i>Bifidobacterium</i>	48.35	1
HSMA33MC	43 / 42	<i>Bacteroides vulgatus</i>	25.29	25 / 25	<i>Bifidobacterium</i>	60.38	1
HSMA33ME	33 / 32	<i>Bacteroides vulgatus</i>	33.06	19 / 19	<i>Bifidobacterium</i>	71.48	1
HSMA33MG	31 / 30	<i>Bacteroides stercoris</i>	31.57	17 / 17	<i>Bifidobacterium</i>	69.96	1
HSMA33MI	18 / 18	<i>Bacteroides stercoris</i>	39.74	11 / 11	<i>Bifidobacterium</i>	85.94	1
HSMA33MK	33 / 32	<i>Bacteroides vulgatus</i>	45.75	19 / 19	<i>Bifidobacterium</i>	62.85	1
HSMA33MS	53 / 53	<i>Prevotella copri</i>	52.77	31 / 31	<i>Kocuria</i>	52.77	2
HSMA33MV	46 / 46	<i>Alistipes finegoldii</i>	34.46	31 / 31	<i>Bifidobacterium</i>	41.59	1
HSMA33MX	4 / 4	<i>Prevotella copri</i>	73.24	4 / 4	<i>Kocuria</i>	73.24	2
HSMA33MZ	37 / 36	<i>Prevotella copri</i>	88.01	21 / 21	<i>Kocuria</i>	88.01	2
HSMA33N4	3 / 3	<i>Bacteroides ovatus</i>	71.98	2 / 2	<i>Bifidobacterium</i>	85.30	1
HSMA33NA	39 / 39	<i>Bacteroides vulgatus</i>	29.49	26 / 26	<i>Bifidobacterium</i>	79.26	1
HSMA33NC	55 / 55	<i>Bacteroides caccae</i>	25.63	36 / 36	<i>Bifidobacterium</i>	57.06	1
HSMA33NGP	41 / 41	<i>Bacteroides vulgatus</i>	43.75	24 / 24	<i>Bifidobacterium</i>	86.00	1

Continuation of Table 4

Sample	Species			Genus			Type
	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	
HSMA33NO	41 / 39	<i>Akkermansia muciniphila</i>	67.60	28 / 27	<i>Enterococcus</i>	67.60	1
HSMA33NQ	44 / 41	<i>Akkermansia muciniphila</i>	75.97	30 / 28	<i>Enterococcus</i>	75.97	1
HSMA33NW	48 / 46	<i>Bacteroides vulgatus</i>	29.05	32 / 32	<i>Bifidobacterium</i>	66.92	1
HSMA33NY	61 / 61	<i>Bacteroides vulgatus</i>	25.10	38 / 38	<i>Bifidobacterium</i>	38.73	2
HSMA33O1	51 / 51	<i>Bacteroides vulgatus</i>	42.43	33 / 33	<i>Bifidobacterium</i>	67.35	1
HSMA33O3	32 / 32	<i>Bacteroides vulgatus</i>	48.07	22 / 22	<i>Bifidobacterium</i>	73.81	1
HSMA33OD	54 / 53	<i>Bacteroides vulgatus</i>	21.54	34 / 34	<i>Bifidobacterium</i>	54.96	2
HSMA33OJ	64 / 62	<i>Prevotella copri</i>	38.58	37 / 36	<i>Kocuria</i>	38.68	2
HSMA33OL	48 / 47	<i>Prevotella copri</i>	63.34	28 / 28	<i>Kocuria</i>	63.34	2
HSMA33OP	32 / 30	<i>Bacteroides vulgatus</i>	43.58	19 / 18	<i>Bifidobacterium</i>	74.00	1
HSMA33OR	36 / 36	<i>Bacteroides vulgatus</i>	31.09	20 / 20	<i>Bifidobacterium</i>	66.71	1
HSMA33OT	26 / 25	<i>Bacteroides vulgatus</i>	32.00	15 / 15	<i>Bifidobacterium</i>	76.79	1
HSMA33OV	59 / 56	<i>Bacteroides vulgatus</i>	29.54	32 / 32	<i>Bifidobacterium</i>	67.72	1
HSMA33OX	64 / 61	<i>Bacteroides vulgatus</i>	25.51	30 / 30	<i>Bifidobacterium</i>	53.62	1
HSMA33OZ	66 / 58	<i>Bacteroides vulgatus</i>	45.55	32 / 28	<i>Bifidobacterium</i>	76.83	1
HSMA33P2P	61 / 58	<i>Faecalibacterium prausnitzii</i>	31.52	34 / 34	<i>Bifidobacterium</i>	50.34	1
HSMA33P6	55 / 52	<i>Bacteroides uniformis</i>	17.21	34 / 34	<i>Bifidobacterium</i>	61.38	1
HSMA33PL	51 / 45	<i>Flavonifractor plautii</i>	14.75	34 / 32	<i>Odoribacter</i>	14.75	1
HSMA33PN	49 / 45	<i>Faecalibacterium prausnitzii</i>	18.87	33 / 32	<i>Butyrivimonas</i>	18.87	1
HSMA33PX	48 / 48	<i>Bacteroides vulgatus</i>	41.34	34 / 34	<i>Bifidobacterium</i>	82.45	1
HSMA33PZ	27 / 27	<i>Bacteroides vulgatus</i>	55.83	18 / 18	<i>Bifidobacterium</i>	93.97	1
HSMA33Q6	33 / 33	<i>Bacteroides vulgatus</i>	39.83	25 / 25	<i>Bifidobacterium</i>	89.04	1
HSMA33QM	73 / 71	<i>Bacteroides vulgatus</i>	26.22	46 / 45	<i>Bifidobacterium</i>	42.65	1
HSMA33QO	49 / 49	<i>Prevotella copri</i>	73.65	29 / 29	<i>Kocuria</i>	73.65	2
HSMA33QY	50 / 50	<i>Bacteroides eggerthii</i>	17.83	30 / 30	<i>Bifidobacterium</i>	62.60	1
HSMA33R1	37 / 37	<i>Bacteroides vulgatus</i>	18.29	21 / 21	<i>Bifidobacterium</i>	65.92	1
HSMA33R5	50 / 50	<i>Bacteroides vulgatus</i>	16.90	30 / 30	<i>Bifidobacterium</i>	54.01	1
HSMA33R7	47 / 46	<i>Bacteroides vulgatus</i>	31.80	29 / 29	<i>Bifidobacterium</i>	73.89	1
HSMA33R9	56 / 56	<i>Roseburia faecis</i>	15.34	32 / 32	<i>Bifidobacterium</i>	49.34	1
HSMA33RD	62 / 62	<i>Prevotella copri</i>	59.08	33 / 33	<i>Kocuria</i>	59.08	2
HSMA33RF	56 / 56	<i>Prevotella copri</i>	47.61	32 / 32	<i>Kocuria</i>	47.61	2
HSMA33RR	17 / 15	<i>Faecalibacterium prausnitzii</i>	45.13	8 / 8	<i>Butyrivimonas</i>	45.13	1
HSMA33RT	41 / 39	<i>Bacteroides uniformis</i>	24.79	21 / 21	<i>Bifidobacterium</i>	76.39	1
HSMA33RXTR	36 / 34	<i>Bacteroides uniformis</i>	46.10	21 / 21	<i>Bifidobacterium</i>	85.91	1
HSMA33RX	43 / 41	<i>Bacteroides uniformis</i>	37.14	26 / 26	<i>Bifidobacterium</i>	84.85	1
HSMA33S4	46 / 45	<i>Bacteroides uniformis</i>	23.82	29 / 28	<i>Bifidobacterium</i>	65.23	1
HSMA33SE	77 / 74	<i>Prevotella copri</i>	13.48	49 / 46	<i>Bifidobacterium</i>	23.65	2
HSMA33SG	72 / 70	<i>Bacteroides uniformis</i>	18.58	43 / 42	<i>Bifidobacterium</i>	39.89	1
HSMA33SI	77 / 73	<i>Bifidobacterium adolescentis</i>	12.23	46 / 44	<i>Bifidobacterium</i>	26.63	1
HSMA33SK	70 / 68	<i>Faecalibacterium prausnitzii</i>	21.62	43 / 42	<i>Bifidobacterium</i>	25.99	1
MSM5FZ9NP	52 / 44	<i>Klebsiella pneumoniae</i>	33.32	26 / 25	<i>Arthrospira</i>	36.83	2
MSM5FZ9XP	57 / 50	<i>Roseburia intestinalis</i>	35.04	34 / 33	<i>Bacteroides</i>	39.52	1
MSM5FZA2P	61 / 51	<i>Prevotella buccae</i>	28.85	39 / 37	<i>Bacteroides</i>	32.19	1
MSM5LLD6P	38 / 36	<i>Bacteroides stercoris</i>	52.28	24 / 23	<i>Bifidobacterium</i>	67.18	1
MSM5LLDA	50 / 49	<i>Bacteroides stercoris</i>	47.11	32 / 31	<i>Bifidobacterium</i>	59.69	1
MSM5LLDC	38 / 37	<i>Bacteroides stercoris</i>	47.10	24 / 23	<i>Bifidobacterium</i>	57.69	1
MSM5LLDE	34 / 33	<i>Bacteroides stercoris</i>	35.44	22 / 21	<i>Bifidobacterium</i>	45.08	1
MSM5LLDI	48 / 42	<i>Bacteroides stercoris</i>	45.22	29 / 26	<i>Bifidobacterium</i>	68.35	1
MSM5LLDK	58 / 44	<i>Bacteroides stercoris</i>	41.97	37 / 29	<i>Bifidobacterium</i>	65.35	1
MSM5LLDM	50 / 45	<i>Bacteroides stercoris</i>	41.91	33 / 29	<i>Bifidobacterium</i>	60.12	1
MSM5LLDQ	49 / 48	<i>Bacteroides stercoris</i>	51.30	33 / 32	<i>Bifidobacterium</i>	69.05	1
MSM5LLDS	31 / 31	<i>Bacteroides stercoris</i>	60.06	19 / 19	<i>Bifidobacterium</i>	79.85	1
MSM5LLDU	7 / 7	<i>Bacteroides stercoris</i>	86.13	4 / 4	<i>Bifidobacterium</i>	92.49	1
MSM5LLE3P	65 / 60	<i>Roseburia intestinalis</i>	27.13	34 / 32	<i>Bacteroides</i>	33.65	1
MSM5LLE9P	30 / 28	<i>Roseburia intestinalis</i>	44.45	17 / 16	<i>Bacteroides</i>	59.88	1
MSM5LLEP	67 / 61	<i>Bacteroides vulgatus</i>	30.84	38 / 36	<i>Bifidobacterium</i>	51.30	1
MSM5LLER	49 / 45	<i>Bacteroides vulgatus</i>	38.05	28 / 27	<i>Bifidobacterium</i>	63.35	1
MSM5LLF2P	56 / 47	<i>Veillonella parvula</i>	41.85	35 / 31	<i>Prevotella</i>	42.38	1
MSM5LLF4	34 / 25	<i>Roseburia faecis</i>	26.68	24 / 21	<i>Bacteroides</i>	27.36	1
MSM5LLF6	75 / 58	<i>Roseburia intestinalis</i>	28.48	46 / 38	<i>Bacteroides</i>	42.29	1
MSM5LLF8	41 / 34	<i>Roseburia intestinalis</i>	59.45	25 / 23	<i>Bacteroides</i>	66.99	1
MSM5LLFGP	54 / 52	<i>Bacteroides uniformis</i>	26.12	33 / 33	<i>Bifidobacterium</i>	54.00	1
MSM5LLFKP	16 / 16	<i>Bacteroides vulgatus</i>	65.04	12 / 12	<i>Bifidobacterium</i>	88.57	1
MSM5LLFMP	24 / 24	<i>Bacteroides vulgatus</i>	48.49	16 / 16	<i>Bifidobacterium</i>	93.45	1
MSM5LLFOP	26 / 25	<i>Bacteroides vulgatus</i>	71.14	18 / 18	<i>Bifidobacterium</i>	88.84	1
MSM5LLFUP	28 / 27	<i>Bacteroides vulgatus</i>	55.54	19 / 19	<i>Bifidobacterium</i>	88.66	1

Continuation of Table 4

Sample	Species			Genus			Type
	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	<i>n</i> / <i>n</i> <sub>filtered</sub>	Most abundant	Abund.	
MSM5LLGDP	42 / 39	<i>Bacteroides uniformis</i>	31.07	25 / 24	<i>Bifidobacterium</i>	72.99	1
MSM5LLGFP	50 / 48	<i>Bacteroides dorei</i>	29.21	32 / 32	<i>Bifidobacterium</i>	67.07	1
MSM5LLGHP	46 / 43	<i>Bacteroides vulgatus</i>	28.20	28 / 28	<i>Bifidobacterium</i>	66.96	1
MSM5LLGJP	56 / 52	<i>Roseburia intestinalis</i>	22.15	32 / 30	<i>Bifidobacterium</i>	46.44	1
MSM5LLGL	44 / 43	<i>Bacteroides vulgatus</i>	39.41	26 / 26	<i>Bifidobacterium</i>	75.68	1
MSM5LLGNP	43 / 43	<i>Bacteroides uniformis</i>	37.74	28 / 28	<i>Bifidobacterium</i>	71.76	1
MSM5LLGRP	82 / 77	<i>Bacteroides uniformis</i>	40.80	49 / 48	<i>Bifidobacterium</i>	64.34	1
MSM5LLH2P	57 / 54	<i>Prevotella copri</i>	59.52	34 / 32	<i>Kocuria</i>	62.75	2
MSM5LLH4P	64 / 59	<i>Prevotella copri</i>	81.44	40 / 40	<i>Kocuria</i>	85.02	2
MSM5LLH8P	46 / 42	<i>Prevotella copri</i>	84.06	25 / 25	<i>Kocuria</i>	87.60	2
MSM5LLHAP	52 / 49	<i>Prevotella copri</i>	79.34	28 / 28	<i>Kocuria</i>	82.18	2
MSM5LLHC	60 / 56	<i>Prevotella copri</i>	71.11	30 / 30	<i>Kocuria</i>	73.62	2



Microbiome profiling.