

			Sample 1	Sample 2	Sample 3
0 domain	Bacteria		785	1161	1027
0 domain	NA		2	7	1
1 phylum	Bacteroidetes		131	113	122
2 class	Bacteroidia		0	0	0
3 order	Bacteroidales		1984	1416	1736
4 family	Bacteroidaceae		263	37	81
5 genus	Bacteroides		481	565	454
6 specy		coprocola	1	0	0
6 specy		fragilis	1	0	0
4 family	Porphyromonadaceae		137	12	147
5 genus	Barnesiella		0	0	0
6 specy		viscericola	36	3	1
5 genus	Parabacteroides		0	1	0
5 genus	Proteiniphilum		0	1	0
4 family	Prevotellaceae		1665	1454	1213
5 genus	Prevotella		49196	48291	59317
2 class	Flavobacteria		0	0	0
3 order	Flavobacteriales		1	0	0
4 family	Flavobacteriaceae		4	3	2
5 genus	Chryseobacterium		1	4	1
2 class	Sphingobacteria		0	0	0
3 order	Sphingobacteriales		0	36	0
1 phylum	Cyanobacteria		18	43	60
2 class	TRUE		0	1	0
1 phylum	Firmicutes		14048	11023	8825
2 class	Bacilli		19	191	1
3 order	Bacillales		37	1	3
4 family	Bacillaceae		5	314	6
5 genus	Bacillus		10	7	5
5 genus	Exiguobacterium		1	0	0
4 family	Caryophanaceae		0	0	0
5 genus	Caryophanon		1	1	0
4 family	Staphylococcaceae		0	0	0
5 genus	Gemella		1	0	1
5 genus	Jeotgalicoccus		1	0	0
5 genus	Staphylococcus		7	10	2
5 genus	Macrococcus		0	1	0
4 family	Alicyclobacillaceae		0	0	0
5 genus	Sulfobacillus		0	1	0
4 family	Planococcaceae		0	0	0
5 genus	Kurthia		0	1	0
4 family	Paenibacillaceae		0	0	0
5 genus	Paenibacillus		0	0	2
3 order	Lactobacillales		15	25	18
4 family	Carnobacteriaceae		5	1	1
5 genus	Carnobacterium		2	7	4
5 genus	Granulicatella		0	0	1
4 family	Streptococcaceae		22	12	16
5 genus	Lactococcus		2	4	1
5 genus	Streptococcus		83	77	95
6 specy		suis	4	3	4
4 family	Aerococcaceae		0	0	0
5 genus	Aerococcus		1	0	0
4 family	Enterococcaceae		0	0	0
5 genus	Enterococcus		5	15	2
5 genus	Tetragenococcus		1	1	2
4 family	Lactobacillaceae		0	0	0
5 genus	Lactobacillus		54	1957	18
6 specy		casei	0	4	0
6 specy		fermentum	0	2	0
6 specy		ruminis	0	4	2
4 family	Leuconostocaceae		0	0	0
5 genus	Leuconostoc		1	2	2

5 genus		Weissella	2	3	1
2 class	Clostridia		415	516	736
3 order		Clostridiales	711	1098	1392
4 family		Clostridiaceae	23	35	19
5 genus		Clostridium	3	8	9
5 genus		Sarcina	0	0	1
4 family		Eubacteriaceae	181	1024	296
5 genus		Anaerovorax	798	1207	1837
5 genus		Eubacterium	1	5	4
5 genus		Mogibacterium	469	145	1458
4 family		Lachnospiraceae	5115	3714	7067
5 genus		Butyrivibrio	340	2372	2010
5 genus		Coprococcus	3	3	0
5 genus		Dorea	5	9	7
5 genus		Roseburia	2	1	0
5 genus		Oribacterium	0	1	1
4 family		Peptococcaceae	242	413	320
5 genus		Peptococcus	0	1	0
4 family		Peptostreptococcaceae	8	13	22
5 genus		Parvimonas	0	1	0
5 genus		Peptostreptococcus	0	1	1
4 family		Ruminococcaceae	4090	6487	5431
5 genus		Anaerotruncus	1	0	1
5 genus		Papillibacter	43	1	1
5 genus		Ruminococcus	291	477	595
5 genus		Sporobacter	49	47	4189
5 genus		Subdoligranulum	1	1	0
4 family		Syntrophomonadaceae	63	71	102
5 genus		Syntrophomonas	4	3	2
5 genus		Aminobacterium	0	1	0
4 family		Veillonellaceae	513	627	615
5 genus		Acidaminococcus	1	0	0
5 genus		Dialister	2	1	1
5 genus		Selenomonas	2	2	6
5 genus		Succinoclasticum	4981	6148	4690
5 genus		Megamonas	0	1	0
2 class	Erysipelotrichi		0	0	0
3 order		Erysipelotrichales	0	0	0
4 family		Erysipelotrichaceae	270	290	193
5 genus		Bulleidia	58	52	41
5 genus		Catenibacterium	2	5	1
5 genus		Turcibacter	21	26	16
1 phylum	Lentisphaerae		1127	2331	1010
1 phylum	Proteobacteria		28	26	17
2 class	Alphaproteobacteria		13	21	17
3 order		Rhodospirillales	0	0	0
4 family		Acetobacteraceae	2	2	3
3 order		Sphingomonadales	0	1	0
4 family		Erythrobacteraceae	0	0	0
5 genus		Erythrobacter	1	0	0
4 family		Sphingomonadaceae	0	0	4
5 genus		Sphingomonas	0	2	0
3 order		Rhizobiales	0	0	3
4 family		Rhizobiaceae	0	0	0
5 genus		Rhizobium	0	2	0
3 order		Rhodobacterales	0	0	0
4 family		Rhodobacteraceae	0	1	0
5 genus		Paracoccus	0	0	1
2 class	Betaproteobacteria		1	0	0
3 order		Burkholderiales	2	2	0
4 family		Burkholderiaceae	2	1	0
5 genus		Limnobacter	2	1	0
5 genus		Pandoraea	1	0	0
5 genus		Burkholderia	0	1	0

4 family	Comamonadaceae	37	72	52
5 genus	Comamonas	3	1	5
5 genus	Delftia	1	0	0
5 genus	Diaphorobacter	0	1	0
5 genus	Hydrogenophaga	0	1	2
5 genus	Acidovorax	0	0	1
4 family	Oxalobacteraceae	1	0	4
4 family	Unassigned	0	0	0
5 genus	Aquabacterium	1	2	1
4 family	Alcaligenaceae	0	0	1
5 genus	Tetrathiobacter	0	1	0
3 order	Neisseriales	0	0	0
4 family	Neisseriaceae	3	10	2
2 class	Deltaproteobacteria	11	15	6
3 order	Desulfuromonadales	35	22	25
4 family	Geobacteraceae	0	1	0
3 order	Bdellovibrionales	0	0	0
4 family	Bdellovibrionaceae	0	0	0
5 genus	Bdellovibrio	29	0	0
3 order	Desulfobacterales	0	0	0
4 family	Desulfobulbaceae	0	2	2
5 genus	Desulfobulbus	15	11	19
4 family	Desulfobacteraceae	0	0	1
3 order	Desulfovibrionales	0	0	0
4 family	Desulfovibrionaceae	1822	2559	1994
5 genus	Desulfovibrio	293	233	291
5 genus	Lawsonia	1	0	0
5 genus	Bilophila	0	1	0
4 family	Desulfomicrobiaceae	0	0	0
5 genus	Desulfomicrobium	0	1	0
3 order	Syntrophobacterales	0	0	0
4 family	Syntrophaceae	0	0	1
5 genus	Smithella	1	0	0
3 order	Myxococcales	0	6	2
4 family	Polyangiaceae	0	1	2
2 class	Gammaproteobacteria	1095	1264	694
3 order	Alteromonadales	91	1	11
4 family	Pseudoalteromonadaceae	0	0	0
5 genus	Pseudoalteromonas	5	4	0
4 family	Shewanellaceae	0	0	0
5 genus	Shewanella	3	2	1
3 order	Aeromonadales	0	0	0
4 family	Succinivibrionaceae	1	80	72
3 order	Legionellales	0	0	0
4 family	Legionellaceae	0	0	0
5 genus	Legionella	1	0	0
3 order	Pasteurellales	0	0	0
4 family	Pasteurellaceae	7	2	6
5 genus	Haemophilus	1	0	1
5 genus	Actinobacillus	0	1	0
5 genus	Mannheimia	0	1	0
3 order	Pseudomonadales	0	0	0
4 family	Moraxellaceae	0	0	0
5 genus	Acinetobacter	2	0	0
3 order	Vibrionales	0	0	0
4 family	Vibrionaceae	6	3	1
5 genus	Photobacterium	165	113	54
5 genus	Vibrio	0	1	0
3 order	Xanthomonadales	0	0	0
4 family	Xanthomonadaceae	1	1	0
3 order	Enterobacteriales	0	0	0
4 family	Enterobacteriaceae	0	0	0
5 genus	Escherichia	0	1	0
2 class	Epsilonproteobacteria	0	0	0

3 order		Campylobacterales	0	0	0
4 family		Campylobacteraceae	0	0	0
5 genus		Campylobacter	12	15	34
1 phylum	Spirochaetes		25	15	28
2 class	Spirochaetes		0	0	0
3 order		Spirochaetales	0	0	0
4 family		Spirochaetaceae	322	245	53
5 genus		Borrelia	2	5	2
5 genus		Spirochaeta	130	154	91
5 genus		Treponema	1042	1678	767
1 phylum	TM7		173	326	464
1 phylum	Verrucomicrobia		5	19	5
2 class	Verrucomicrobiae		0	0	0
3 order		Verrucomicrobiales	203	157	102
4 family		Akkermansiaceae	0	0	0
5 genus		Akkermansia	1	0	1
4 family		Verrucomicrobiaceae	0	0	1
2 class	Opitutae		0	0	0
3 order		Opitutales	0	0	0
4 family		Opitutaceae	0	0	0
5 genus		Opitutus	0	2	0
1 phylum	Euryarchaeota		0	0	0
1 phylum	Actinobacteria		0	0	0
2 class	Actinobacteria		4	12	7
3 order		Actinomycetales	13	23	17
4 family		Microbacteriaceae	1	0	1
4 family		Micrococcaceae	5	28	4
5 genus		Arthrobacter	0	1	0
5 genus		Kocuria	0	0	1
5 genus		Micrococcus	0	0	2
4 family		Nocardiopsaceae	1	0	0
4 family		Corynebacteriaceae	0	0	0
5 genus		Corynebacterium	4	11	10
4 family		Dietziaceae	0	0	0
5 genus		Dietzia	1	2	3
4 family		Streptomycetaceae	0	0	0
5 genus		Streptomyces	1	2	1
4 family		Nocardiaceae	0	1	0
4 family		Propionibacteriaceae	0	1	0
3 order		Coriobacteriales	0	0	0
4 family		Coriobacteriaceae	3	6	12
5 genus		Eggerthella	9	10	11
5 genus		Atopobium	0	1	0
3 order		Acidimicrobiales	0	1	0
3 order		Bifidobacteriales	0	0	0
4 family		Bifidobacteriaceae	0	1	0
5 genus		Bifidobacterium	0	4	1
1 phylum	Fibrobacteres		0	0	0
2 class	Fibrobacteria		0	0	0
3 order		Fibrobacterales	87	203	36
4 family		Fibrobacteraceae	0	0	0
5 genus		Fibrobacter	1	5	1
1 phylum	Fusobacteria		0	0	0
2 class	Fusobacteria		0	0	0
3 order		Fusobacteriales	0	0	0
4 family		Fusobacteriaceae	0	0	0
5 genus		Fusobacterium	5	4	13
4 family		Leptotrichiaceae	0	0	0
5 genus		Sneathia	0	0	1
1 phylum	Planctomycetes		0	0	0
2 class	Planctomycetacia		0	0	0
3 order		Planctomycetales	0	0	0
4 family		Planctomycetaceae	77	242	38
5 genus		Gemmata	1	1	1

1 phylum	Tenericutes	0	0	0
2 class	Mollicutes	1	3	3
3 order	Acholeplasmatales	0	0	0
4 family	Acholeplasmataceae	0	0	0
5 genus	Phytoblasma	0	2	0
3 order	Anaeroplasmatales	0	0	0
4 family	Anaeroplasmataceae	0	0	0
5 genus	Anaeroplasma	0	2	0
1 phylum	Acidobacteria	0	1	0
2 class	Acidobacteria	0	0	0
3 order	Acidobacteriales	0	0	1
4 family	Acidobacteriaceae	0	0	0
5 genus	Gp3	0	0	1
1 phylum	Deferribacteres	0	0	0
2 class	Deferribacteres	0	0	0
3 order	Deferribacterales	0	0	0
4 family	Unassigned	0	0	0
5 genus	Synergistes	0	3	7
1 phylum	Deinococcus-Thermus	0	0	0
2 class	Deinococci	0	0	0
3 order	Thermales	0	0	0
4 family	Thermaceae	0	0	0
5 genus	Thermus	0	2	0
1 phylum	Chloroflexi	0	0	2