

Supplementary Table S2: The expected and observed 16S rRNA abundances (%) for each sequencing approach at the genus and species level.

	Expected (%)		Observed (%)			
		V3V4	V5V6	V4	Multiplex	Full-length
Genus						
<i>Acinetobacter</i>	4.07	6.76	11.46	7.19	0.00	7.60
<i>Bacillus</i>	7.12	7.60	0.95	9.94	0.00	1.97
<i>Bacteroides</i>	3.75	7.62	0.00	6.66	0.34	5.79
<i>Bifidobacterium</i>	6.62	4.12	1.73	4.17	0.21	2.18
<i>Clostridium</i>	6.91	13.2	37.6	13.8	7	9.42
<i>Cutibacterium</i>	3.33	0.43	0.00	1.31	0.00	3.08
<i>Deinococcus</i>	2.53	2.06	0.00	3.86	0.00	4.52
<i>Enterococcus</i>	4.04	2.90	0.88	3.58	0.21	2.38
<i>Escherichia-Shigella</i>	4.17	6.90	0.63	5.76	0.39	6.60
<i>Helicobacter</i>	3.32	3.12	0.00	2.52	0.04	3.62
<i>Lactobacillus</i>	8.96	5.09	0.00	5.74	0.20	6.77
<i>Neisseria</i>	4.94	3.50	0.00	3.85	0.00	7.37
<i>Porphyromonas</i>	4.62	6.39	0.00	3.39	0.00	9.41
<i>Pseudomonas</i>	1.74	2.72	0.30	2.38	0.03	2.72
<i>Rhodobacter</i>	2.47	0.77	0.00	1.30	0.00	1.57
<i>Schaalia</i>	3.47	2.30	0.2	1.75	0.00	0.36
<i>Staphylococcus</i>	12.15	11.23	13.58	12.31	0.004	10.21
<i>Streptococcus</i>	15.79	13.17	1.30	10.07	0.05	14.31
Species						
<i>Acinetobacter baumannii</i>	4.08	6.75	0.00	0.00	0.00	7.60
<i>Bacillus pacificus</i>	7.12	0.00	0.00	0.00	0.00	0.00
<i>Bacteroides vulgatus</i>	3.75	7.60	0.00	6.66	0.002	5.79
<i>Bifidobacterium adolescentis</i>	6.62	3.83	0.00	0.00	0.02	2.18
<i>Clostridium beijerinckii</i>	6.91	0.00	0.00	0.83	0.00	9.42

Expected (%)		Observed (%)				
		V3V4	V5V6	V4	Multiplex	Full-length
<i>Cutibacterium acnes</i>	3.33	0.00	0.00	0.00	0.00	0.00
<i>Deinococcus radiodurans</i>	2.53	2.05	0.00	3.86	0.00	4.52
<i>Enterococcus faecalis</i>	4.04	0.00	0.18	0.00	0.06	2.38
<i>Escherichia coli</i>	4.17	0.00	0.62	0.00	0.00	0.00
<i>Helicobacter pylori</i>	3.32	3.11	0.00	2.52	0.004	3.62
<i>Lactobacillus gasseri</i>	8.96	5.00	0.00	0.00	0.00	6.77
<i>Neisseria meningitidis</i>	4.94	3.50	0.00	3.85	0.00	7.37
<i>Porphyromonas gingivalis</i>	4.62	6.39	0.00	3.39	0.00	9.41
<i>Pseudomonas aeruginosa</i>	1.74	0.00	0.30	0.00	0.00	2.72
<i>Rhodobacter sphaeroides</i>	2.47	0.77	0.00	0.00	0.00	1.57
<i>Schaalia odontolytica</i>	3.47	2.27	0.00	1.75	0.00	0.36
<i>Staphylococcus aureus</i>	5.70	0.00	0.00	0.00	0.00	0.00
<i>Staphylococcus epidermidis</i>	6.45	0.00	0.02	0.00	0.00	0.00
<i>Streptococcus agalactiae</i>	8.97	6.84	0.00	5.55	0.00	7.24
<i>Streptococcus mutans</i>	6.81	6.29	0.00	4.52	0.00	7.07