

Table S3. Comparison of abundances of bacterial families detected by using 3 different primer sets (BaL, BaS, and ArBa) in all analyzed samples. Comparison of primer pairs targeting Bacteria in regards to their coverage at family level. Families are ranked according to their abundances using primer pair BaL, and added up in that order for primer pairs BaS and ArBa to give a cumulative total (Sum).

Phylum, Family	BaL			BaS			ArBa		
	Rank	Abundance	Sum	Rank	Abundance	Sum	Rank	Abundance	Sum
		[%]	[%]		[%]	[%]		[%]	[%]
<i>Firmicutes, Lachnospiraceae</i>	1	24.1	24.1	2	19.7	19.7	2	17.8	17.8
<i>Bacteroidetes, Prevotellaceae</i>	2	23.8	47.9	1	26.1	45.8	1	24.1	41.9
<i>Bacteroidetes, Other</i>	3	14.3	62.2	3	13.8	59.6	3	12.9	54.8
<i>Firmicutes, Other</i>	4	8.2	70.4	4	9.9	69.5	4	11.5	66.3
<i>Firmicutes, Ruminococcaceae</i>	5	8.1	78.5	5	8.4	77.5	5	9.4	75.7
<i>Fibrobacteraceae</i>	6	5.3	83.8	6	5.0	82.9	6	5.3	81.0
<i>Cyanobacteria, Other</i>	7	1.7	85.5	10	1.5	84.4	21	0.2	81.2

<i>Firmicutes, Veillonellaceae</i>	8	1.5	87.0	7	2.3	86.7	8	3.3	84.5
<i>Spirochaetaceae</i>	9	1.3	88.3	8	1.7	88.4	7	4.6	89.1
<i>Firmicutes, Clostridiales</i> Family XIII.	10	1.3	89.6	21	0.4	88.8	9	1.3	90.4
<i>Bacteroidetes,</i> <i>Porphyromonadaceae</i>	11	1.3	90.9	9	1.6	90.4	10	1.2	91.6
<i>Actinobacteria,</i> <i>Coriobacteriaceae</i>	12	1.0	91.9	12	1.0	91.4	12	0.9	92.5
<i>Tenericutes, Other</i>	13	1.0	92.9	13	0.9	92.3	13	0.8	93.3
<i>Firmicutes,</i> <i>Erysipelotrichaceae</i>	14	0.9	93.8	11	1.2	93.5	19	0.3	93.6
<i>Proteobacteria, other</i> <i>Alphaproteobacteria</i>	15	0.7	94.5	14	0.9	94.4	18	0.4	94.0
SR1, Other	16	0.7	95.2	15	0.7	95.1	11	1.0	95.0
<i>Tenericutes,</i> <i>Anaeroplasmataceae</i>	17	0.6	95.8	16	0.6	95.7	17	0.4	95.4
<i>Tenericutes, vadinHA31</i>	18	0.5	96.3	18	0.5	96.2	22	0.1	95.5

<i>Firmicutes,</i> <i>Catabacteriaceae</i>	19	0.4	96.7	17	0.6	96.8	15	0.6	96.1
TM7, F16	20	0.4	97.1	20	0.4	97.2	23	0.1	96.2
<i>Chloroflexi, Anaerolinaceae</i>	21	0.3	97.4	23	0.0	97.2	20	0.3	96.5
<i>Cyanobacteriaceae, Other</i>	22	0.3	97.7	19	0.4	97.6	16	0.5	97.0
<i>Verrucomicrobia, Other</i>	23	0.3	98.0	22	0.3	97.9	14	0.7	97.7