

Table S1. Primers and probes used for detection of bacterial target groups with qPCR

Target	Primer/Probe	Sequence 5'-3'	Reference
total 16S rRNA genes	Eub338F Eub518R	ACT CCT ACG GGA GGC AGC AG ATT ACC GCG GCT GCT GG	[1]
<i>Bifidobacterium</i> spp.	xfp-fw xfp-rv	ATC TTC GGA CCB GAY GAG AC CGA TVA CGT GVA CGA AGG AC	[2]
<i>Lactococcus</i> / <i>Pediococcus</i> / <i>Leuconostoc</i> spp.	F_Lacto 05 R_Lacto 04	AGC AGT AGG GAA TCT TCC A CGC CAC TGG TGT TCY TCC ATA TA	[3]
<i>Bacteroides-Prevotella</i>	Bac303F Bfr-Femrev	GAA GGT CCC CCACAT TG CGC KAC TTG GCT GGT TCA G	[4]
<i>Enterobacteriaceae</i>	Eco1457F Eco1652R	CAT TGA CGT TAC CCG CAG AAG AAG C CTC TAC GAG ACT CAA GCT TGC	[5]
<i>Clostridium</i> Cluster IV	Clep866mF Clep1240mR	TTA ACA CAA TAA GTW ATC CAC CTG G ACC TTC CTC CGT TTT GTC AAC	[4]
<i>Bifidobacterium</i> <i>thermophilum</i>	btherm RTF btherm RTR bthermTqm	TTG CTT GCG GGT GAG AGT CGC CAA CAA GCT GAT AGG AC FAM-ATG TGC CGG GCT CCT GCA T-TAMRA	[6]

References for Additional file 1: Table S1

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