

**Table S1.** Primers/probe sets used for quantitative real-time PCR.

Fluorescence	Target	Primers	Sequence (5'-3')	Standard strain	Equation of standard curve (R <sup>2</sup> )
<i>SYBR Green-based</i>					
	<i>S. cerevisiae</i>	For Rev	GAGTCGAGTTGTTTGGGAATGC TCTCTTTCCAAAGTTCCTTTTCATCTTT	<i>Sacharomyces cerevisiae</i> ATCC 7752	Y= -3.397X+39.112 (0.999)
	<i>Lactobacillus</i>	For Rev	AGCAGTAGGGAATCTTCCA CACCGCTACACATGGAG	<i>Lactobacillus acidophilus</i> ATCC4357	Y= -3.871X+40.112 (0.999)
	<i>Prevotella</i>	For Rev	TCAAGTCCTCATGGCCCTTATG CGCCATTGTAGCACGTGTGTA	<i>Prevotella copri</i> ATCC 6153	Y= -3.107X+37.324 (0.999)
	<i>Enterobacteriaceae</i>	For Rev	TGCCGTAACCTCGGGAGAAGGCA TCAAGGCTCAATGTTCAAGTGC	<i>Escherichia coli</i> ATCC 2441	Y= -3.432X+39.94 (0.999)
	<i>E. coli</i>	For Rev	CATGCCGCGTGTATGAAGAA CGGGTAAACGTCAATGAGCAAA	<i>Escherichia coli</i> ATCC 2441	Y= -3.421X+38.81 (0.999)
<i>TaqMan probe-based</i>					
	<i>C. perfringens</i>	For Rev Probe	AAAAGAAAGATTTGTAAGGCGCTTAT CCCAAGCGTAGACTTTAGTTGATG FAM-TGCCGCGCTAGCAACTAGCCTATGG- TAMRA	<i>C. perfringens</i> ATCC3624	Y= -3.523X+38.79 (0.999)
	<i>S. enteritidis</i>	For Rev Probe	GGCTTCGGTATCTGGTGGTGTA GGTCATTAATATTGGCCCTGAATA FAM-CCACTGTCCCGTTCGTTGATGGACA- TAMRA	<i>S. Enteritidis</i> KVPH106	Y= -3.341X+40.13 (0.999)