



Figure S1. Growth curve of *sea*-, *seb*-, *sec*-, and *see* positive staphylococci in UHT milk incubated at 8 °C and room temperature. Asterisks indicate statistically significant comparisons of staphylococcal count at both temperature at each hour of incubation.

Table S1. Sequences of PCR primers used to identify *Staphylococcus* species and detect classical staphylococcal enterotoxin genes.

Gene	Primer	Oligonucleotides sequence (5'-3')	Product (bp)	Annealing temperature	References
<i>sea</i>	sea-F	CAGCATACTATATTGTTAAAGGC	400	53 °C	[1]
	sea-R	CCTCTGAACCTTCCCATC			
<i>seb</i>	seb-F	TCGCATCAAACGTGACAAACG	478	50 °C	[2]
	seb-R	GCAGGTACTCTATAAGTGCC			
<i>sec</i>	sec-F	CTCAAGAACTAGACATAAAAGCTAGG	271	53 °C	[3]
	sec-R	TCAAAATCGGATTACATTATCC			
<i>sed</i>	sed-F	CTAGTTGGTAATATCTCTTAAACG	319	53 °C	[3]
	sed-R	TTAATGCTATATCTTATAGGGTAAACA TC			
<i>see</i>	see-F	CAGTACCTATAGATAAAGTAAAACAAG	178	53 °C	[3]
	see-R	CTAACTTACCGTGGACCCTTC			
<i>nuc</i>	nuc-F	GCGATTGATGGTGATACGGTT	279	62 °C	[4]
	nuc-R	AGCCAAGCCTTGACGAACTAAAGC			
16S rRNA	16S-F	AACTCTGTTATTAGGAAAGAAGAAC	756	62 °C	[4]
	16S-R	CCACCTTCCTCCGGTTGTCACC			

Table S2. Sequences of qPCR primers used to estimate the expression of classical staphylococcal enterotoxin genes.

Gene	Primer	Oligonucleotides sequence (5'-3')	Product (bp)	References
sea	sea-F	AAAATACAGTACCTTGAAACGGTT	92	[5]
	sea-R	TTTCCTGTAAATAACGTCTTGCTGA		
seb	seb-F	ACACCCAACGTT TTAGCAGAGAG	81	[5]
	seb-R	CCATCAAACCAGTGAATTAGTCG		
sec	sec-F	AATAAAACGGTTGATTCTAAAAGTGTGAA	80	[5]
	sec-R	ATCAAAATCGGATTAACATTATCCATT		
see	see-F	TCAATGTGCTGGAGGCACACCAA	51	[6]
	see-R	ACACCCCCGTACATA CATGCTGTT		
16S	16S-F	AAGTCCCGCAACGAGCGCAA	86	[6]
rRNA	16S-R	CCTCCGGTTGTCACCGGCA		

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