



Figure S1. Temperature profile in phosphate-buffered saline during 405 nm LED-illumination at 4 °C.

Table S1. Primers of environmental tolerance-associated genes of *S. Typhimurium* SL1344.

Target gene	Sequence of primers (5'–3')	Reference
16S rRNA	F, AGGCCTTCGGGTTGTAAAGT R, GTTAGCCGGTGCTTCTTCTG	[1]
<i>phoP</i>	F, GAAGGCTGGCAGGATAAA R, CGGATAAGCGTTTCCATAA	This study
<i>phoQ</i>	F, ACAAATACCGCACGACCC R, CCGGCTGATCTGTTCCAG	This study
<i>hfq</i>	F, TAAGCTGCAAGGTCAAATC R, GACGGGACAACAGTAGAAAT	This study
<i>acrA</i>	F, CGGTCGTATTGGTAAGTCATC R, GGTAACGCCCTGTTGTGGA	This study
<i>acrB</i>	F, TCTATCCCGTTCTCCGTAATG R, GAACTGATAACCAGCGGCATA	This study
<i>rpoS</i>	F, CAGCCGTATGCTTCGTCTCA R, TTTTCATCGGCCAGGATGTC	This study
<i>rpoH</i>	F, TTATCGGCTGACGAGGAG R, TGTACGGCGAAAGAAACC	This study
<i>rpoE</i>	F, AAGTGGCGAGTCTGGTTT R, CTCCCGTAAGGTGATTGC	This study

1. Lamas, A.;Regal P.;Vázquez B.;Miranda J. M.;Cepeda A.;Franco C. M. Influence of milk, chicken residues and oxygen levels on biofilm formation on stainless steel, gene expression and small RNAs in *Salmonella enterica*. *Food Control*, **2018**, 90: 1-9.