

952 SUPPORTING INFORMATION

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954 **TABLE S1** Bacterial reductions log CFU/cm² on chicken fillet meat after continuous UV-C
 955 and pulsed UV light treatments at different fluences (J/cm²)

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Bacterial species	Continuous UV-C light treatment ^a , J/cm ²					Pulsed UV light treatment ^a , J/cm ²			
	0.05	0.1	0.3	0.6	3.0	1.25	3.6	10.8	18.0
<i>S. Enteritidis</i>	1.56 (0.15)	1.21 (0.13)	1.81 (0.16)	1.53 (0.23)	2.44 (0.17)	0.90 (0.05)	1.58 (0.09)	2.44 (0.20)	2.23 (0.19)
<i>L. monocytogenes</i>	1.49 (0.13)	1.13 (0.14)	1.82 (0.22)	1.36 (0.16)	1.81 (0.27)	1.08 (0.12)	1.83 (0.13)	2.01 (0.25)	1.63 (0.21)
<i>S. aureus</i>	2.22 (0.18)	2.23 (0.22)	2.56 (0.20)	2.05 (0.26)	2.41 (0.16)	1.25 (0.09)	2.21 (0.16)	2.95 (0.33)	2.61 (0.25)
<i>E. coli</i> EHEC	1.08 (0.18)	1.34 (0.19)	1.10 (0.12)	1.30 (0.18)	1.65 (0.17)	1.06 (0.11)	1.96 (0.22)	1.98 (0.29)	2.93 (0.21)
<i>Pseudomonas</i> spp.	2.01 (0.10)	1.85 (0.20)	1.95 (0.15)	2.23 (0.21)	2.66 (0.24)	1.67 (0.06)	2.25 (0.18)	2.45 (0.18)	3.01 (0.14)
<i>B. thermospacta</i>	1.70 (0.17)	1.74 (0.24)	2.41 (0.22)	2.33 (0.32)	2.68 (0.37)	1.30 (0.13)	2.28 (0.20)	3.00 (0.37)	2.88 (0.30)
<i>C. divergens</i>	1.90 (0.16)	1.95 (0.25)	2.32 (0.14)	2.04 (0.14)	2.82 (0.14)	1.46 (0.17)	1.59 (0.17)	1.84 (0.21)	1.61 (0.35)
<i>E. coli</i> ESBL	1.65 (0.11)	1.91 (0.11)	2.43 (0.20)	2.79 (0.15)	2.56 (0.22)	1.34 (0.09)	2.17 (0.17)	2.58 (0.17)	2.83 (0.25)
<i>C. divergens</i> MAP ^b	1.26 (0.15)	1.30 (0.11)	1.52 (0.21)	1.80 (0.24)	1.38 (0.14)	0.54 (0.21)	0.90 (0.22)	1.35 (0.29)	1.53 (0.08)
<i>E. coli</i> ESBL MAP ^b	1.46 (0.11)	1.69 (0.22)	2.12 (0.27)	2.49 (0.25)	2.33 (0.18)	0.61 (0.14)	1.09 (0.12)	1.70 (0.18)	1.56 (0.16)

^aStandard error values are shown in brackets

^bMAP refers to modified atmosphere packaging