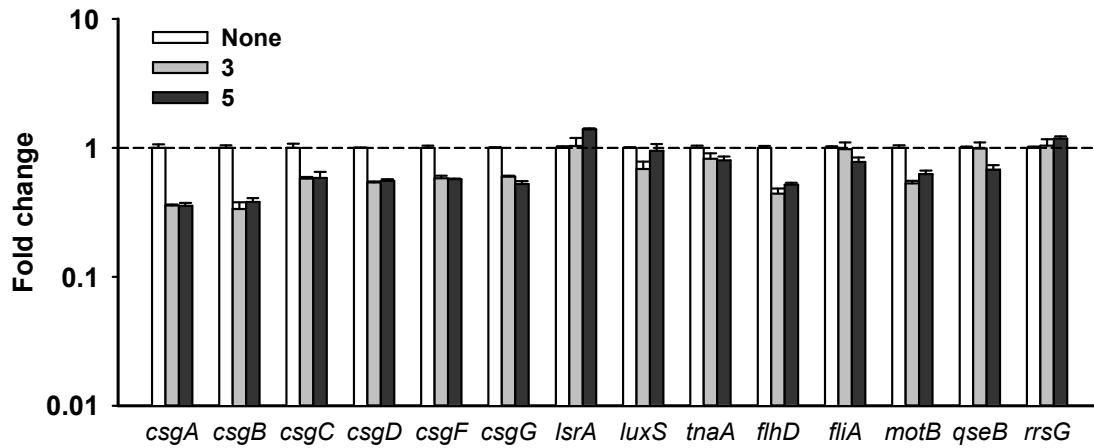


**Supporting Information 1.** Transcriptional profiles of *E. coli* O157:H7 cells treated with or without suffruticosol A (**3**) and vitisin A (**5**). *E. coli* O157:H7 was cultivated in LB medium with or without **3** or **5** (20  $\mu\text{g/mL}$ ) for 5 h with shaking. Transcriptional profiles were measured by qRT-PCR. Relative gene expressions represent transcriptional levels after treatment with **3** or **5** versus transcriptional levels without treatment (value of 1.0).



**Supporting Information 2.** Sequences of the primers used for quantitative qRT-PCR.

<b>Gene</b>	<b>Primer</b>
<i>csgA</i>	Forward 5'-AGA TGT TGG TCA GGG CTC AG-3'
	Reverse 5'-CGT TGT TAC CAA AGC CAA CC-3'
<i>csgB</i>	Forward 5'-ATC AGG CAG CCA TAA TTG GT-3'
	Reverse 5'-CCA TAA GCA CCT TGC GAA AT-3'
<i>csgC</i>	Forward 5'-TTA CTC CTT GCG GCA CTT TC-3'
	Reverse 5'-GGG TTG ATT AGC AGG CAA TG-3'
<i>csgD</i>	Forward 5'-CCG CTT GTG TCC GGT TTT-3'
	Reverse 5'-GAG ATC GCT CGT TCG TTG TTC-3'
<i>csgF</i>	Forward 5'-TTG AAA CAC CCT CAG CGT TA-3'
	Reverse 5'-CTG GAT GGT CGA GGT TTG TC-3'
<i>csgG</i>	Forward 5'-CCG GGT AGG GTT TAA ATT TG-3'
	Reverse 5'-GCA GCG CTT ATT TCT TTT GG-3'
<i>lsrA</i>	Forward 5'-AAC ATC CTG TTT GGG CTG GCA A-3'
	Reverse 5'-AAA CAA GCG TTC GGT TTC CGC A-3'
<i>luxS</i>	Forward 5'-CAT ACC CTG GAG CAC CTG TT-3'
	Reverse 5'-TGA TCC TGC ACT TTC AGC AC-3'
<i>tnaA</i>	Forward 5'-TGA AGA AGT TGG TCC GAA TAA CGT G-3'
	Reverse 5'-CTT TGT ATT CTG CTT CAC GCT GCT T-3'
<i>flhD</i>	Forward 5'-TGC ATA CCT CCG AGT TGC TG-3'
	Reverse 5'-GCG TGT TGA GAG CAT GAT GC-3'
<i>fliA</i>	Forward 5'-TTA GGG ATC GAT ATT GCC GAT T-3'
	Reverse 5'-CGT AGG AGA AGA GCT GGC TGT T-3'
<i>motB</i>	Forward 5'-CAG GGG GAA GTG AAT AAG CA-3'
	Reverse 5'-TTC TAA ACA TCG GGC GAT TC-3'
<i>qseB</i>	Forward 5'-GGC GAA CCC TTA ACA CTG AA-3'
	Reverse 5'-CCA TGC ACG GTA CGA ATA AA-3'
<i>rrsG</i>	Forward 5'-TAT TGC ACA ATG GGC GCA AG-3'
	Reverse 5'-ACT TAA CAA ACC GCC TGC GT-3'