

Supplementary information

Table S1. Strain designation, description and reference of strains used in the study.

<i>C. jejuni</i> strain designation	Description	Reference
11168	NCTC reference strain	NCTC
$\Delta cmeB$	Insertional mutant in the gene <i>cmeB</i> from <i>C. jejuni</i> NCTC 11168	[19]
$\Delta cmeR$	Insertional mutant in the gene <i>cmeR</i> from <i>C. jejuni</i> NCTC 11168	[19]
$\Delta cmeF$	Insertional mutant in the gene <i>cmeF</i> from <i>C. jejuni</i> NCTC 11168	[19]
$\Delta cmeG$	Insertional mutant in the gene <i>cmeG</i> from <i>C. jejuni</i> NCTC 11168	This study; [6]

Table S2. UHPLC-PDA-ESI-MS analysis of the ethanolic extract of *Satureja montana* herbal parts.

Peak	[M+H] ⁺	[M-H] ⁻	UV	Compound
1	361	359	330, 290sh	Rosmarinic acid
2	539	537	325, 299	Caffeoyl rosmarinic acid isomer
3	593	591	335, 270	Apigeninmethyl ether hexosyl- deoxyhexoside rhamnoside
4	361	359	347, 291, 256	Trihydroxy-trimethoxyflavone isomer
5	315	313	337, 277	Dihydroxy-dimethoxyflavone isomer
6	164, 165*	164, 163*	264sh, 257	Thymoquinone
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*low intensity; in mixture with a dihydroxy-trimethoxyflavone ~~isomer~~

**no ~~signal~~ ionization in ESI positive and negative mode

Table S3. Chemical analysis of *S. montana* essential oil

Peak	Ret. Time	RI	Relative proportion (area %)	Substance
1	5.616	925	0.333	α -Thujene
2	5.806	932	0.391	α -Pinene
3	6.212	947	0.195	Camphene
4	7.039	977	1.06	1-octen-3-ol
5	7.423	990	0.269	Myrcene
6	8.286	1016	0.704	δ -2-Carene/ δ -3-Carene
7	8.601	1025	19.25	<i>p</i> -Cymene
8	8.715	1028	0.315	Limonene
9	8.796	1030	0.465	1,8-Cineole
10	9.794	1057	3.274	γ -Terpinene
11	10.091	1066	0.874	(not identified)
12	11.28	1098	0.355	(not identified)
13	11.36	1100	0.935	δ -3-Carene
14	13.158	1144	0.186	Camphor
15	14.02	1164	0.963	Isoborneol
16	14.518	1176	0.767	Terpinen-4-ol
17	14.856	1185	0.39	(not identified)
18	15.092	1190	0.232	Isosylvestrene
19	17.44	1246	0.213	Carvone
20	17.638	1250	1.812	Thymoquinone
21	19.116	1285	0.202	trans-Anethole
22	19.486	1294	1.447	Thymol
23	20.066	1307	63.402	Carvacrol
24	20.63	1321	0.398	2,5-Diethylphenol
25	24.692	1418	0.271	Caryophyllene (E-)
26	28.335	1509	0.246	β -Bisabolene
27	30.994	1577	0.327	Isolongifolene
28	31.137	1581	0.725	β -Longipinene