C. jejuni strain	Disease association	Ganglioside mimic
GB1	GBS	none (GA1)
GB2	GBS	GD1a, GM1a
$*GB2\Delta cst-II$	-	GA1, GA2, GA3
GB11	GBS	GD1a, GM1a
*GB11∆ <i>cst-II</i>	-	GA1, GA2, GA3
GB13	GBS	GM1a
GB14	GBS	GM1a
GB19	GBS	GD1c
GB26	GBS	GM1b
GB31	GBS	GD1a, GM1a
11168	enteritis	GM1, GM2

Table S1. C. *jejuni* **strains used in this study.** The ganglioside mimicking structures on the surface of

3 each *C. jejuni* strain were identified by mass spectrometry and have been previously described (11, 16).







Figure S1. Flow cytometric analysis of FITC-labeled *C. jejuni* strains. In order to determine if *C. jejuni*

8 strains were labeled adequately, FITC-labeled *C. jejuni* strains were analyzed using flow cytometry.





2 **Figure S2.** Quenching efficiency of trypan blue. To assess the quenching efficiency of trypan blue,

- 3 FITC-labeled *C. jejuni* strains were analyzed by flow cytometry before (grey bars) and after (black bars)
- 4 incubation with trypan blue.