



Figure S1. Alignment of the N-terminal FliG and C-terminal FliF domains from *E. coli*, *Salmonella*, *C. jejuni*, and *H. pylori*. (A) ClustalW alignment of the N-terminal domains of FliG from *E. coli* strain K-12 [BAA15764], *S. typhimurium* strain LT2 [AAL20882], *C. jejuni* 81-176 [EAQ73253], and *H. pylori* strain G27 [ACI27095]. The N-terminal extension present in *C. jejuni* and *H. pylori* FliG is indicated in a box. (B) ClustalW alignment of the C-terminal transmembrane (TM) and cytoplasmic domains of FliF proteins from *E. coli* strain K-12 [YP_490192], *S. typhimurium* LT2 [AAL20881], *C. jejuni* 81-176 [EAQ73453], and *H. pylori* G27 [ACI27094]. The transmembrane (TM) domain predicted in all proteins is boxed. The domain of *C. jejuni* FliF encompassed by G511-S520 that is required for motility but not signal transduction and the C-terminal extension present in *C. jejuni* FliF are indicated with boxes.