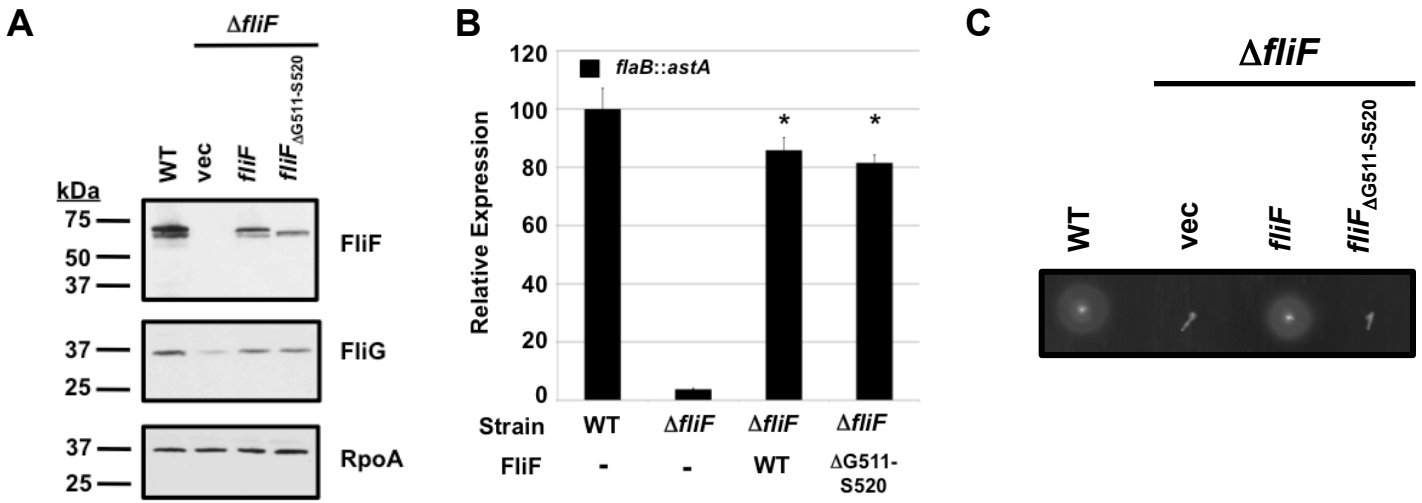

Figure S2. Analysis of the ability of *C. jejuni* FliF$_{DG511-S520}$ to support *flaB*::*astA* expression and motility. Wild-type *C. jejuni* or *C. jejuni* Δ*fliF* complemented with vector alone (vec or -) or plasmid containing wild-type *fliF* or *fliF*$_{\Delta G511-S520}$ were analyzed for (A) production of FliF and FliG, (B) *flaB*::*astA* expression, or (C) motility. (A) Immunoblot analysis of FliF, FliG, and RpoA production in whole cell lysates of *C. jejuni* strains. Proteins were detected by specific antisera. (B) Arylsulfatase assay examining expression of the *flaB*::*astA* transcriptional fusion in wild-type *C. jejuni* or Δ*fliF* complemented with vector alone (vec) or plasmid containing wild-type *fliF* or *fliF*$_{\Delta G511-S520}$. The level of *flaB*::*astA* expression in each complemented *fliF* mutant is relative to wild-type *C. jejuni*, which was set to 100 units. Error bars indicate standard deviation of the average arylsulfatase activity analyzed from three samples. "*" indicates a complemented mutant with significantly different level of reporter activity than Δ*fliF* harboring vector alone (P-value < 0.05). (C) Motility of strains after 24 h after inoculation in semi-solid MH agar and incubation at 37 ºC in microaerobic conditions.