



Figure S1. Limited proteolysis of the periplasmic region of FliL. (A) Molecular architecture of FliL and the N-terminally-truncated FliL fragments. The molecular weight of each fragment is indicated at right. (B) Time course profile of trypsin digestion of His-FliL_{Peri} analyzed by SDS-PAGE. His-FliL_{Peri} was digested into FliL_C. Trypsin was added one-hundredth the weight of His₆-FliL_{Peri} protein and incubated at 27 °C. (C) Mass analysis of the trypsin digestion products of His-FliL_{Peri}. Undigested His-FliL_{Peri} and a digested fragment were detected at m/z of ca. 14.0 and 12.0 kDa, respectively, using a MALDI-TOF (Matrix assisted laser desorption time of flight) mass spectrometer (Voyager-DE Pro; Applied Biosystems, Foster City, CA, USA).