



Supplementary Figure S3. Palmitoylation is the only modification detected in biofilm of the *E. coli* K-12 $\Delta waaC$ deep rough mutant. *E. coli* K-12 $\Delta waaC$ was grown (A) under planktonic conditions (Pk 24 h) or (B) in biofilm (Bf 96 h) and LPS was extracted and analyzed by MALDI-TOF mass spectrometry. Non-palmitoylated and palmitoylated lipid A species are indicated by blue and red arrows, respectively. Peak at $m/z = 2035$ corresponds to palmitoylated lipid A, peak at $m/z = 2475$ corresponds to palmitoylated lipid A-Kdo₂.