



Supplementary Fig. S13. YcbB-dependent polar remodeling of the peptidoglycan layer. *S. Typhi* wild-type or the isogenic $\Delta ycbB$ mutant were grown in TTIM for 24 hs, and metabolically labeled by the addition of alkyne-D-alanine (2mM) for 240 minutes. Bacteria were then fixed and subsequently treated with an azido-AF488 fluorophore (10 μ M), which was then covalently linked by click chemistry to alkyne-D-alanine that had been incorporated into the PG layer (e) (scale bar: 5 μ m) (Quantification of this experiment is shown in Fig. 5E). This experiment was repeated three times.