



**Supplementary Figure 2: A1S\_0934 function may be affected by multiple divalent cations, which contributes to an elongated cell morphology.** Transmission electron microscopy was performed on WT or  $\Delta 0934$  cells in LB  $\pm$  40  $\mu$ M TPEN. Cells were further assessed for (A) cell envelope, (B) inner, and (C) outer membrane width using ImageJ software. \* $p < 0.05$  by one-way ANOVA.