



S5 Figure. Morphological defects of *uxt1Δ uxt2Δ*.

Induced cells were stained with India Ink, and the radius of the capsule (A) and diameter of the cell body (B) were measured using ImageJ (100 cells counted per strain; mean \pm SEM of three biological replicates). (C) GXM shed from equal numbers

of each of the indicated strains was quantitated by ELISA (see Materials and Methods). Data is the mean \pm SEM of three independent experiments. *, $p < 0.05$, one-way ANOVA with Tukey's *post-hoc* test. (D) Electron micrographs of the indicated strains induced for capsule as in Fig. 5. Two representative images are displayed for each strain. Scale bar = 0.5 μm .