



FIG S1. Cross section of the biofilm of WT P1059 biofilm (A) and P1059 Δ *hyaE* biofilm (B) by CLSM. This is a cross-sectional view through the center of the biofilm shown in Fig. 6. The biofilm was stained with Syto 9. The left column and top row show the height and thickness of each biofilm, which is larger and thicker for capsule-deficient mutant P1059 Δ *hyaE* than for the parent strain.