Figure S3. Deletion of Dsc E3 ligase complex and SREBP1 component homologs showed short aerial hyphae and resulted in higher cellulase production. (A-C): Growth of WT, Δdsc-2 (A), Δtul-1 (B) and Δsah-2 (C) and the complementation strains (C-dsc-2, C-tul-1, C-sah-2) on sucrose agar growth medium. Each deletion strain showed reduced aerial hyphae as compared to WT and complemented strains. (D-E): Total secreted protein (D) and endoglucanase activity (E) levels in Δdsc-2, Δtul-1 and Δsah-2 mutants compared to WT and complemented strains. Conidia from the indicated strains were inoculated directly into Avicel growth medium (120 hr). Statistical analysis for protein and enzyme activity levels relative to WT within each condition (n = 3) were performed as indicated in Figure 1. Error bars indicate standard deviation.