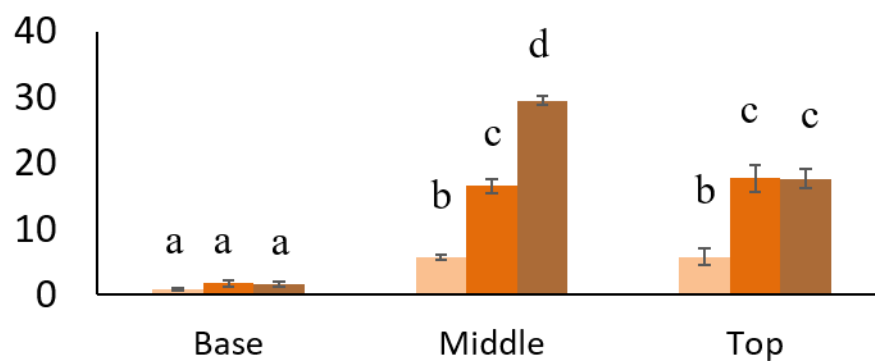
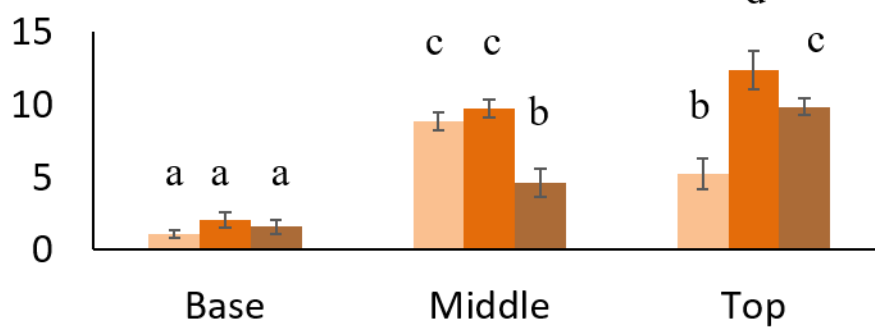


**Figure S4.** Sugar content in different sections of the culm sheath. (A) Glucose content. (B) Fructose content. (C) Sucrose content in bamboo sheaths. The 3–5 pieces of the bamboo sheath located at the base of bamboo shoot are labeled as “Base,” the 13–15 pieces of the bamboo sheath located in the middle of the bamboo shoot are labeled as “Middle,” and 23–25 pieces of the bamboo shoot sheath located at the upper part of the bamboo shoot are labeled as “Top.” For a single bamboo sheath, the sampling sites from bottom to top are “sheath base,” “sheath upper,” and “sheath blade.” The experiments were repeated three times.  $P < 0.05$ .

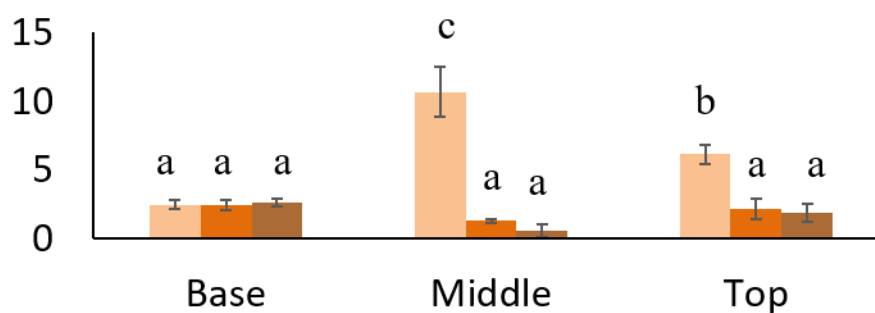
A glucose content of culm sheaths  
mg/g FW



B fructose content of culm sheaths  
mg/g FW



C sucrose content of culm sheaths  
mg/g FW



■ sheath blade 
 ■ sheath upper 
 ■ sheath base