

Supplementary figure 1. Morphology of pollen grains after pollen shed from control (**A**, **C**) and heat-stressed (**B**, **D**) Mv 17-09 (**A**, **B**) and Ellvis (**C**, **D**) main spikes. Arrowhead, retarded pollen grains with low starch content; asterisk, cells containing a single nucleus; arrow, abortive pollen grains. Bars represent 50 μm.