



**Supplemental Figure 2.** Cell morphological analysis of the developing grains in foxtail millet: Paraffin section analysis. (a) and (e) Morphology of mature ovule cells before pollination; (b) and (f) Milk stage of grain development at 6-11 DAP; (c) and (g) Dough stage of grain development at 12-22 DAP; (d) and (h) Maturity stage of grain development at 23-30 DAP. DAP: days after pollination. (a-d) stained with 0.1% Toluidine Blue-O to observe. (e-f) stained with Safranin O and Fast Green to observe. Scale bars =10  $\mu$ m.