Supplementary Material

A Screening of mutants related to the C_4 photosynthetic Kranz structure in foxtail millet

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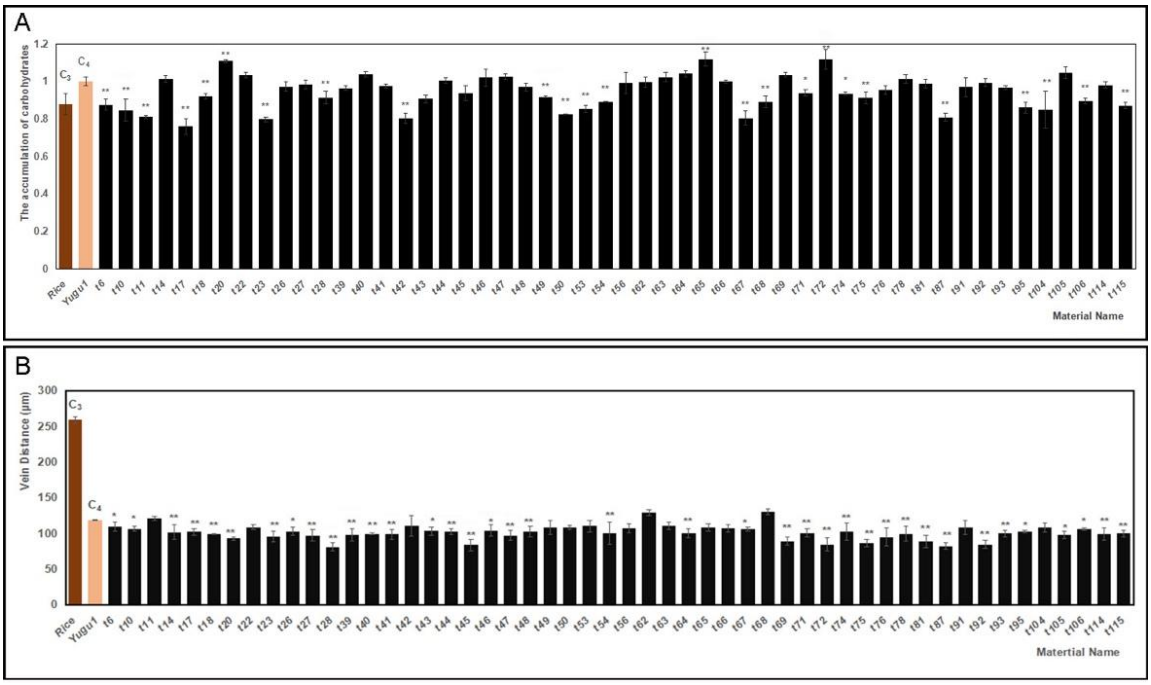
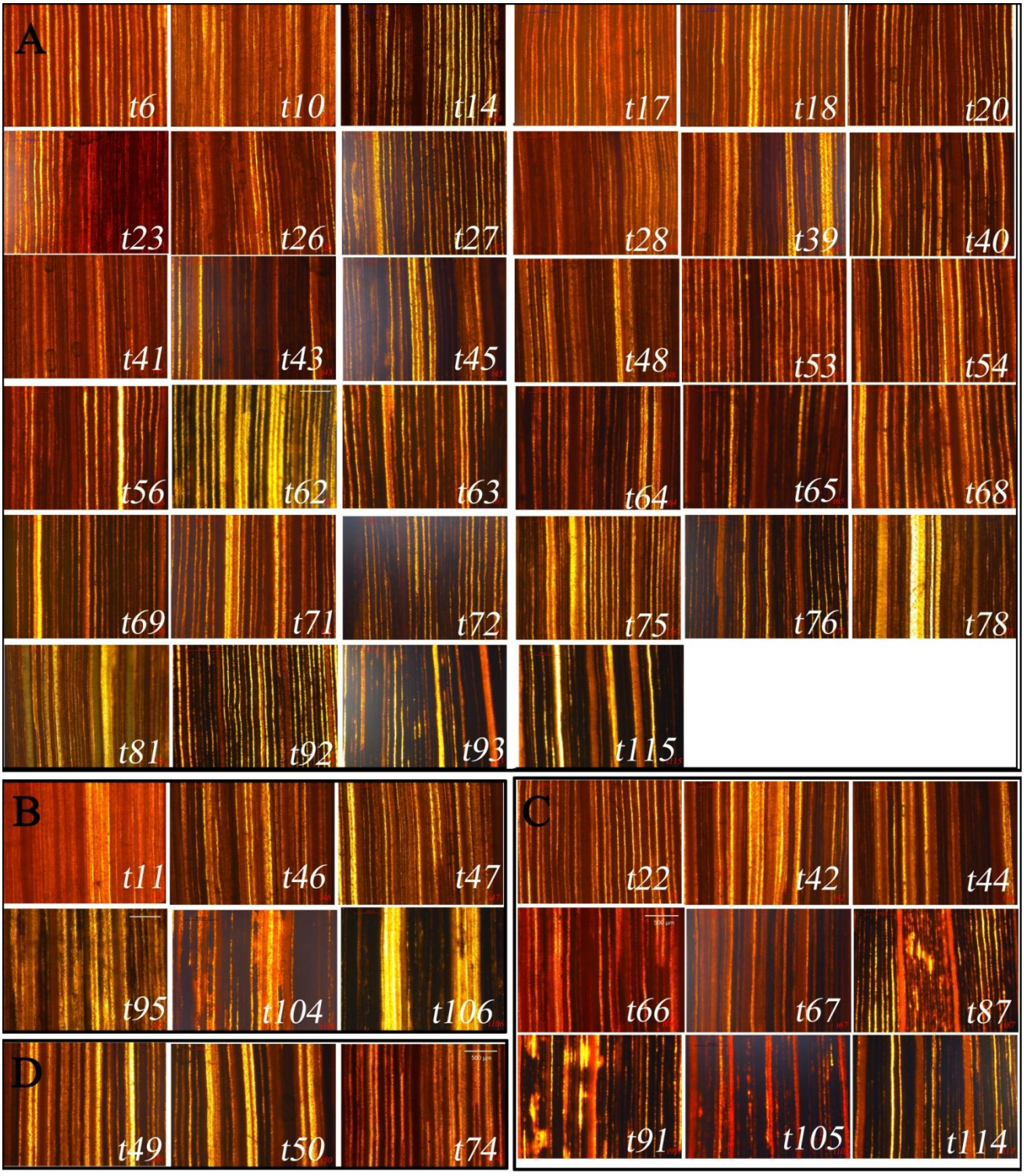
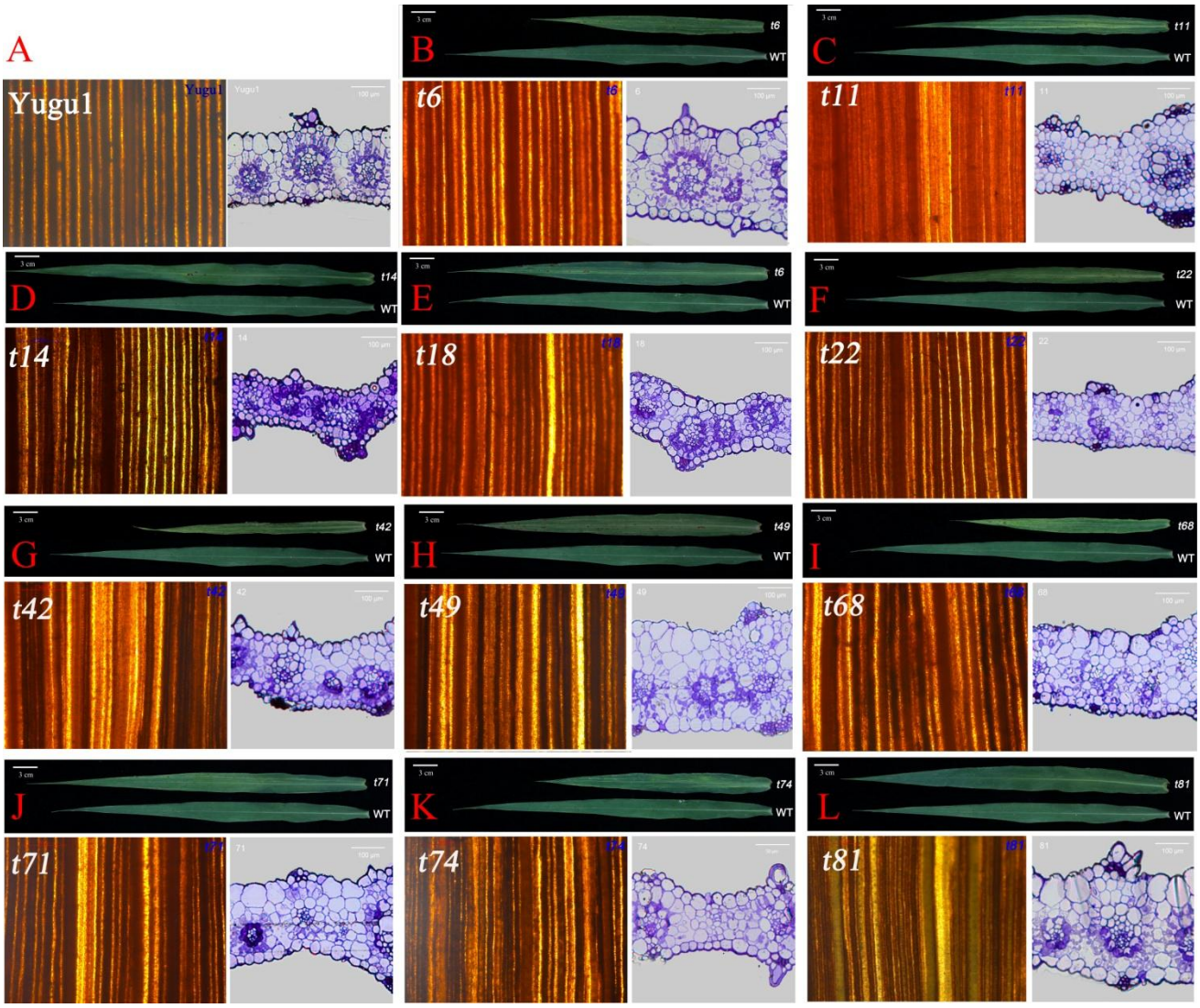
Supplementary Figure



Supplementary Figure 1. The accumulation of carbohydrate (A) and vein distance(B) variations of 52 mutant lines identified by Image J. Comparisons between mutants and wild-type (WT) were determined by Student's t-test. '*' means significance level is below 0.05, and '**' means significance level is below 0.01.



Supplementary Figure 2. Four types(A-D) of abnormal leaf veins, based on the change of accumulation of carbohydrates revealed by color and veins variations detected in mutants after iodine staining.



Supplementary Figure 3. Abnormally developed Kranz structures (A-L) were observed.