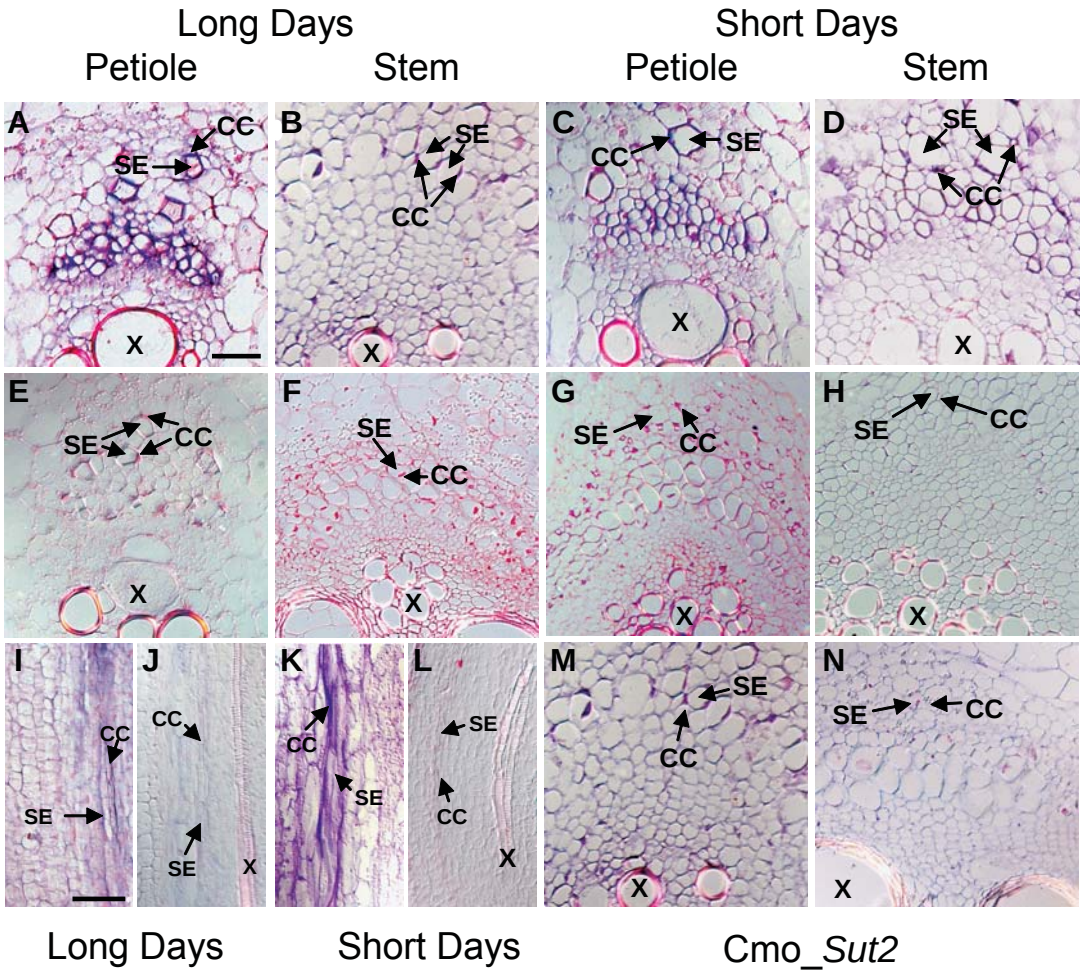

Supplemental Figure 6: Phloem Specific Expression of Cmo_*FTL1/FTL2* in Plants Grown Under Non-inductive LD and Inductive SD Conditions. (A) - (D) Petiole and stem transverse sections hybridized with an *in vitro*-transcribed antisense RNA probe that recognizes both Cmo_*FTL1* and Cmo_*FTL2*. (E) – (H) Petiole and stem transverse sections hybridized with an *in vitro*-transcribed sense RNA probe to Cmo_*FTL1/FTL2*. (I) and (K) Petiole and stem longitudinal sections hybridized with an *in vitro*-transcribed antisense RNA probe that recognizes both Cmo_*FTL1* and Cmo_*FTL2*. (J) and (L) Petiole and stem longitudinal sections hybridized with an *in vitro*-transcribed sense RNA probe to Cmo_*FTL1/FTL2*. (M) and (N) Petiole transverse sections hybridized with antisense and sense probes to Cmo_*SUT2*, respectively. The Cmo_SUT2 antisense probe served as a reporter for mature, functional companion cells. Scale bars are 50 μm: (A) is common to (A-H, M, N), (I) is common to (I-L). Abbreviations are as follows: CC, companion cell; SE, sieve element; X, xylem.