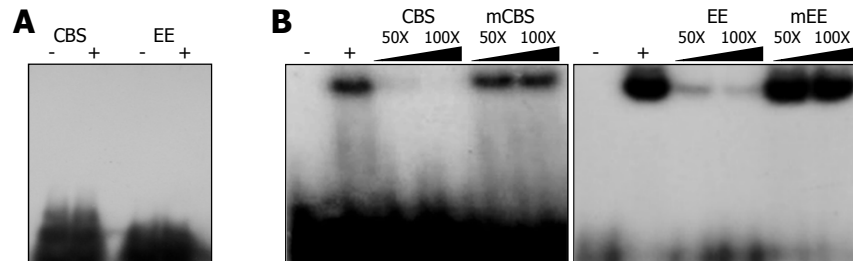


Additional file 6



Additional file 6. EMSA on binding of MBP and MBP-CCA1 to conserved sequences in *FT* locus. Recombinant MBP and MBP-CCA1 fusion proteins were prepared as described in **Additional file 5**. Radio-labelled CCA1-binding sequence (CBS) and evening element (EE) DNA fragments, which were described in **Figure 4A**, were used.

A. EMSA on MBP binding to DNA fragments. (+) and (-) indicate assays with or without MBP protein. Note that MBP alone does not bind to the CBS and EE sequences.

B. EMSA on MBP-CCA1 binding to DNA fragments. The core sequences of CBS and EE were mutated, resulting in mCBS and mEE, respectively. Excess amounts (50X, 100X) of unlabeled DNA fragments were added as competitors.