

S1 Fig. Phylogenetic relationships of type I MADS-box proteins (*BnMADSs*) investigated in this study. A neighbor-joining tree representing relationships among 120 type I MADS-box proteins from *B. napus* and 63 from *Arabidopsis* is shown. The proteins are clustered into 3 clades, including  $M_{\alpha}$ ,  $M_{\beta}$ , and  $M_{\gamma}$ .