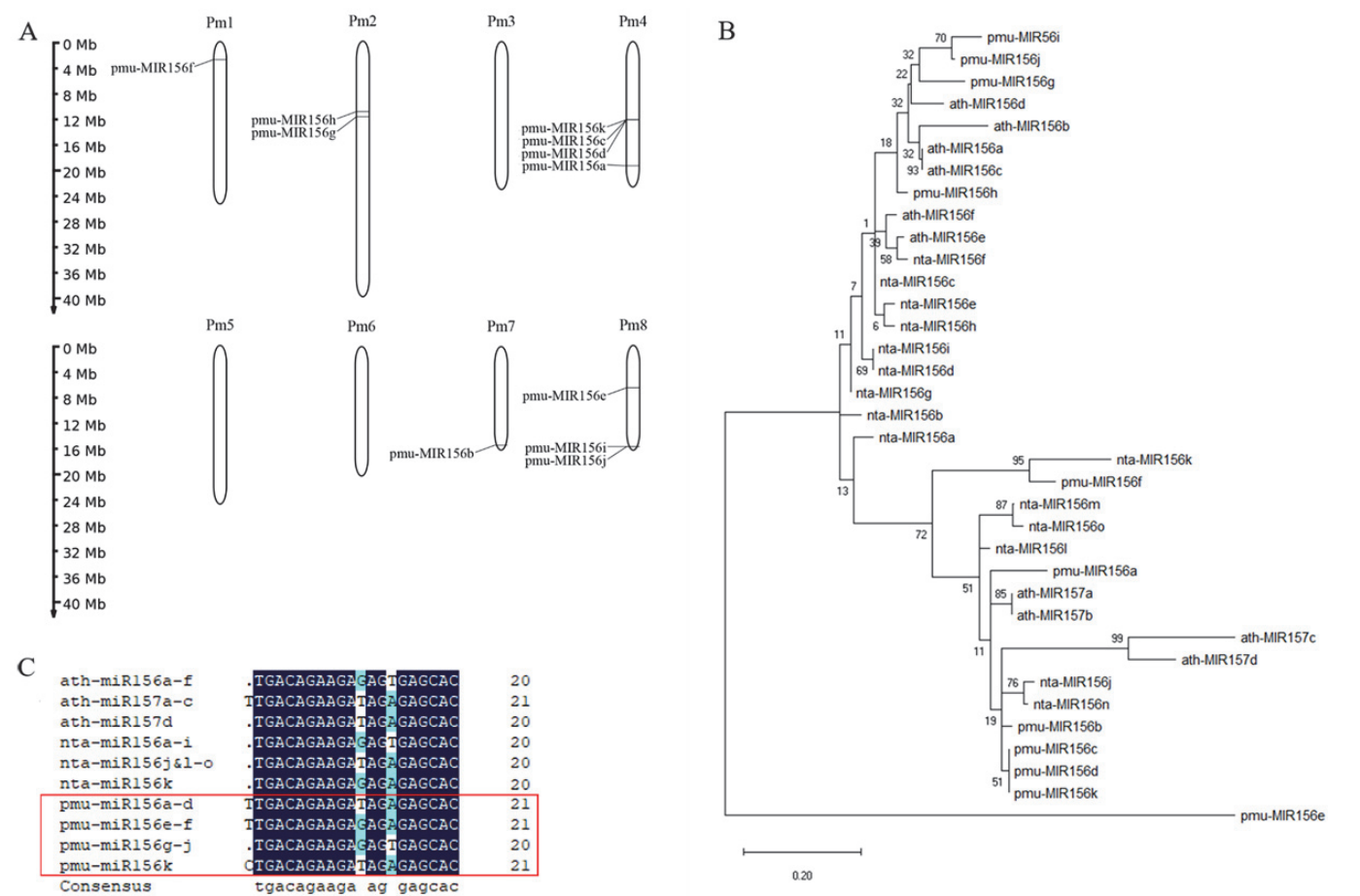
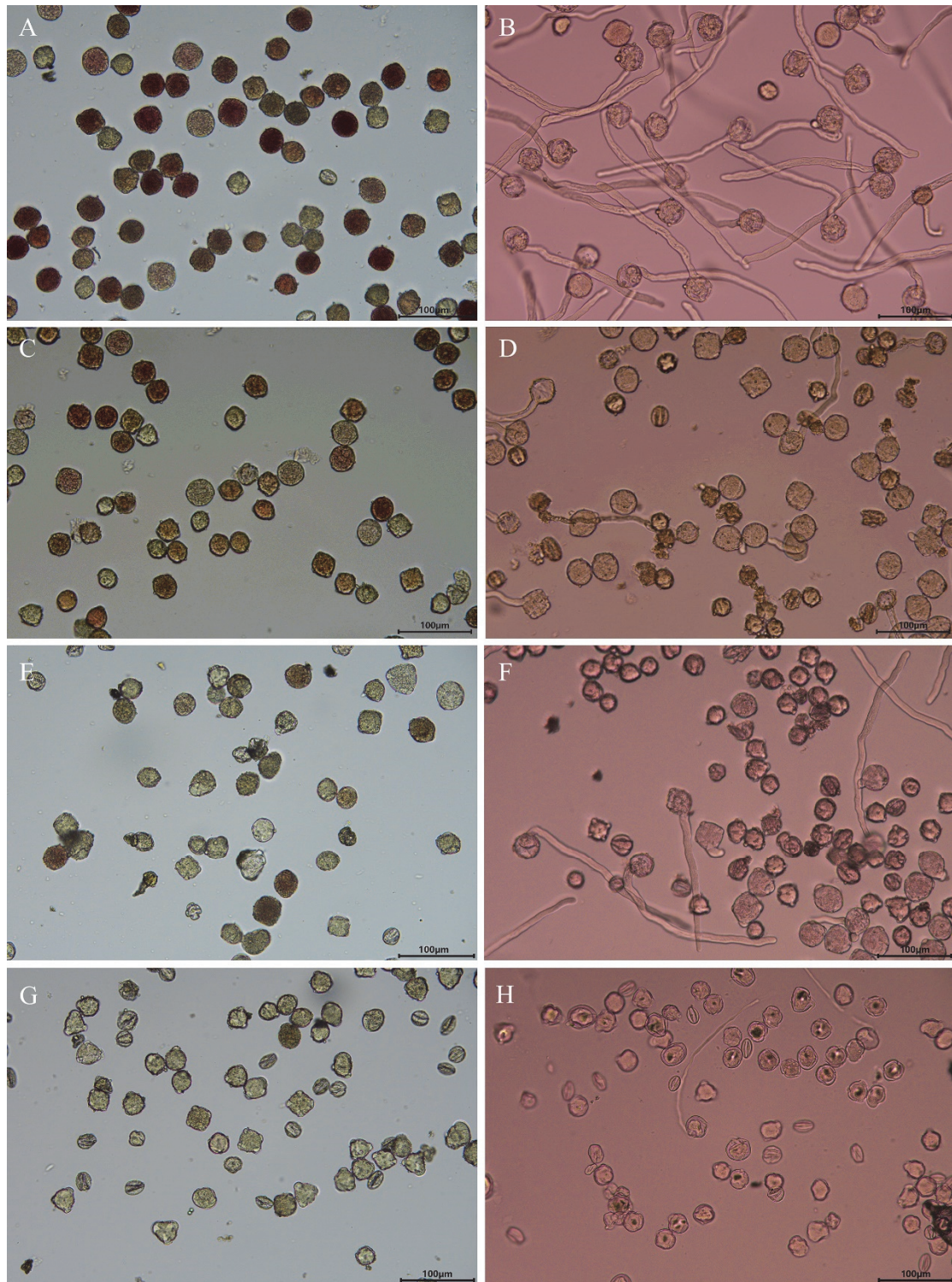


Supplementary Figures



**Supplementary Figure S1.** Sequences analysis and phylogenetic analysis of miR156 family in *P. mume*. (A) The chromosomal location of the miR156 family in *P. mume*. (B) The phylogenetic tree of miR156 precursor sequences from *P. mume*, *Arabidopsis*, and tobacco. (C) Alignment of the mature miR156 sequences from *P. mume*, *Arabidopsis*, and tobacco.



**Supplementary Figure S2.** The Pollen viability and pollen germination of *PmSBP1* transgenic tobacco. (A) The pollen viability of wild-type tobacco. (B) The pollen germination of wild-type tobacco. (C&E&G) The pollen viability of *PmSBP1* transgenic lines S1-3, S1-5 and S1-6. (D&F&H) The pollen germination of *PmSBP1* transgenic lines S1-3, S1-5 and S1-6. Scale bar=100  $\mu\text{m}$ .