



Fig. S4 Phylogenetic tree analysis of ARF18. Phylogenetic relationship analysis of MdARF18 and 14 other plant ARF18 proteins obtained from the NCBI database. MdARF18: *Malus domestica*, NP_001280753.1; MbARF18: *Malus baccata*, TQD91386.1; MsARF18: *Malus sylvestris*, XP_050141698.1; RcARF18: *Rosa chinensis*, XP_024176234.1; RrARF18: *Rhamnella rubrinervis*, KAF3439846.1; ToARF18: *Trema orientale*, PON97280.1; CiARF18: *Carya illinoensis*, KAG6730327.1; JrARF18: *Juglans regia*, XP_018818379.1; MaARF18: *Melia azedarach*, KAJ4728098.1; AtARF18: *Arabidopsis thaliana*, NP_567119.1; PaARF18: *Prunus armeniaca*, CAB4300662.1; PsARF18: *Prunus sibirica*, AVD68949.1; PmARF18: *Prunus mume*, XP_008233127.1; PdARF18: *Prunus dulcis*, XP_034203941.1; PpARF18: *Prunus persica*, XP_020412230.1.