



Supplementary Figure S5. Subcellular localization of the MdMYB1 transcription factor in *Nicotiana benthamiana* epidermal cells. The MdMYB1::GFP fusion genes was transfected into *Nicotiana benthamiana* epidermal cells. The green fluorescence signals of the MdMYB1::GFP fusion protein was observed only in the nucleus, which implied that the MdMYB1 proteins were nucleus-localized proteins. DAPI and arrows were used to indicate the nucleus. Images were captured for each color channel with a fluorescence microscope (EVOS Auto 2, Thermo Fisher, USA). DAPI (excitation 358 nm, emission 461 nm), MdMYB1 (excitation 488 nm, emission 509 nm).