



Fig.S3 Relative expression of *NRT2s* and *NIAs* in transgenic plants of *MdABF1* treated by different concentrations of nitrate and ABA.

(a-h) The relative expression of *NRT2s* and *NIAs* in *MdABF1* transgenic *Arabidopsis* under 0.2 mM and 10 mM nitrate conditions with 0 or 20 μM ABA. (i-p) The relative expression of *NRT2s* and *NIAs* in *MdABF1* transgenic apple calli under 0.8 mM and 5 mM KNO₃ conditions with 0 or 20 μM ABA. Error bars exhibit the means ± SD of three independent replicates. Asterisks indicate significant differences (LSD test, **P* < 0.05).