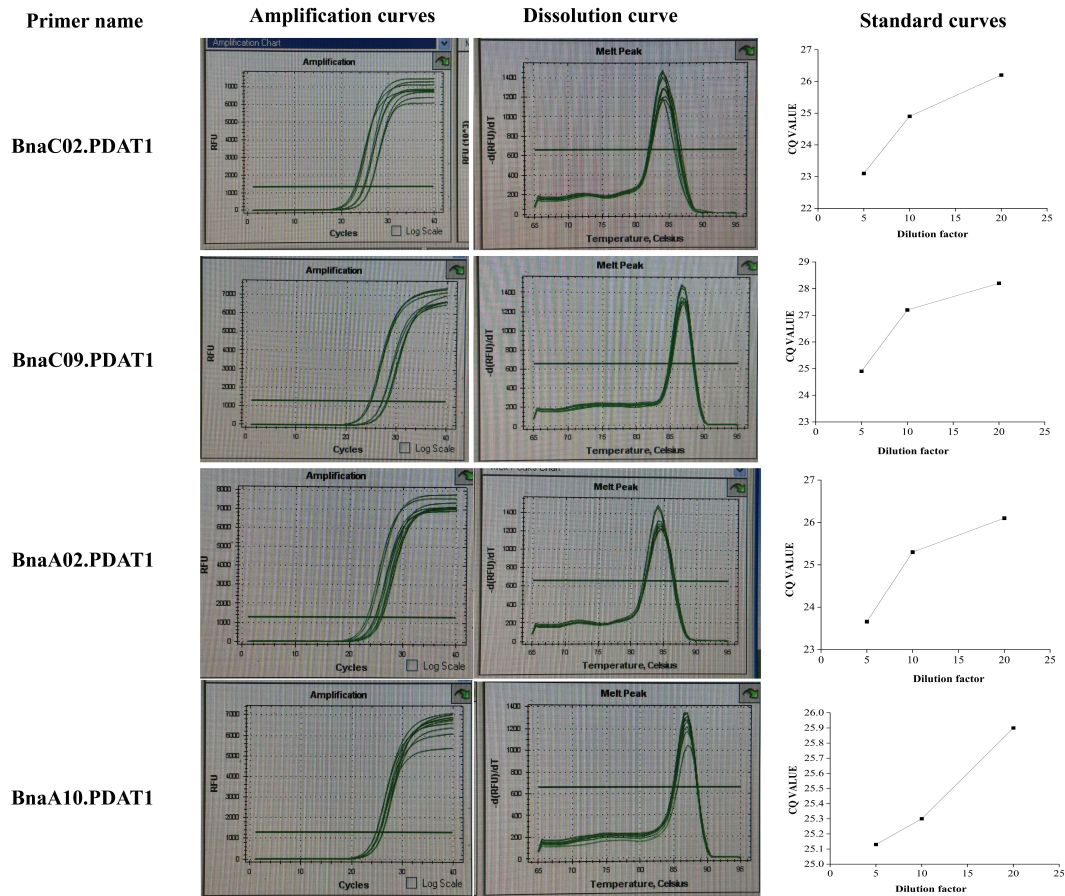
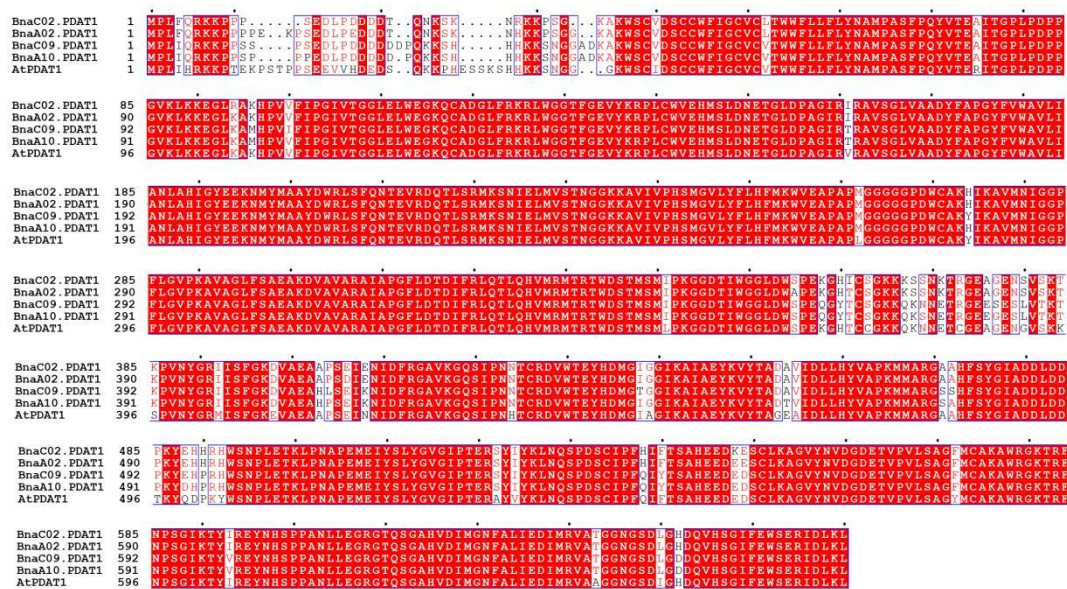
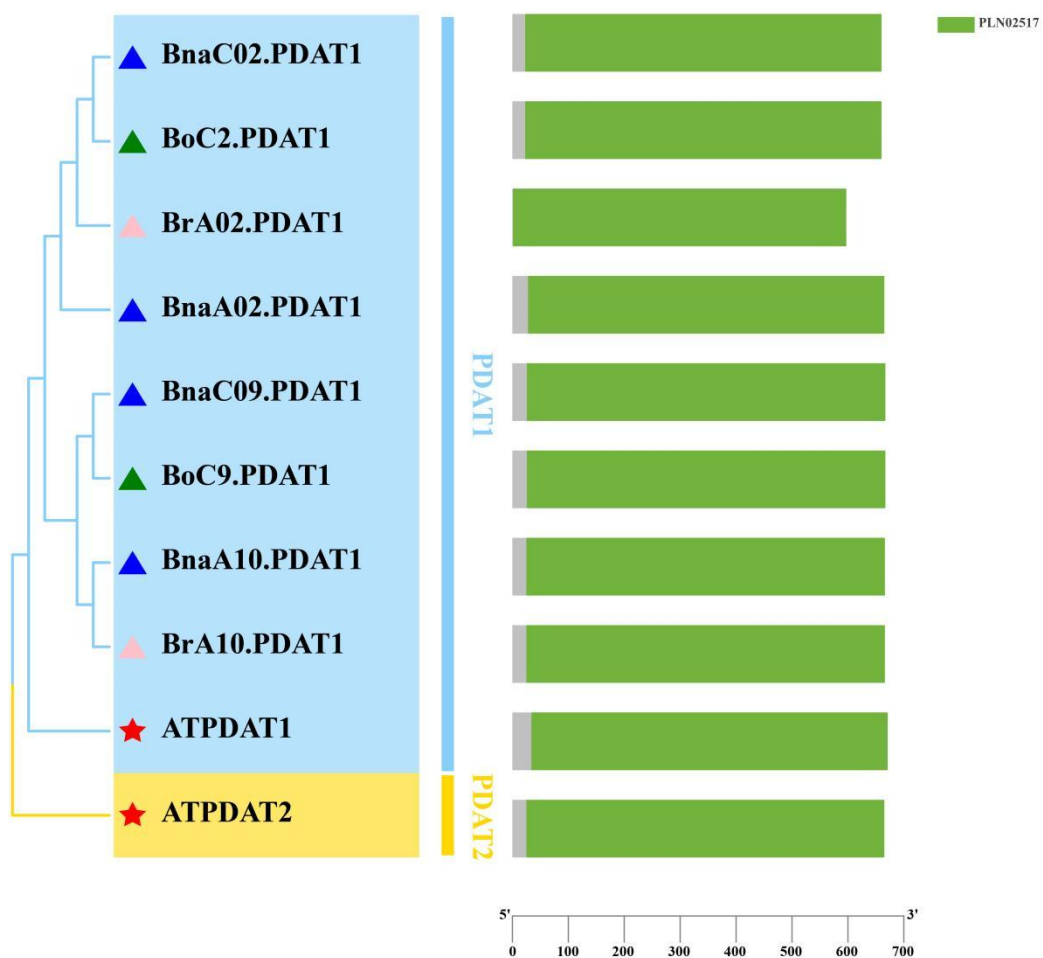




Supplementary Figure S1. Take ordinary cDNA and run qPCR directly to verify the availability of primers.



Supplementary Figure S2. The multiple sequence alignment of plant BnPDAT proteins. At, *Arabidopsis thaliana*; Bna, *Brassica napus*.



Supplementary Figure S3. Conserved domains of *PDAT* in *A. thaliana*, *B. napus*, *B. oleracea* and *B. rapa*.