Chart, bar chart

Description automatically generated

Figure S1. BUSCO assessments shows the quality of transcriptome assembled uningenes. C:complete, D: Duplicated, F: fragments, M: missing unigenes

Table

Description automatically generated

Figure S2: Alignment of HQT and HCT unigenes of *A. spathulifolius* to the *Cynara* species. Red and pink bar indicates the most conserved domain of HCT and HQT genes.

A screenshot of a computer

Description automatically generated with medium confidence

Figure S3 : Gel plot of RT-PCR of PPP involved unigene of A. spathulifolius leaf to confirm denovo assembled unigenes to procced to quantitative PCR.