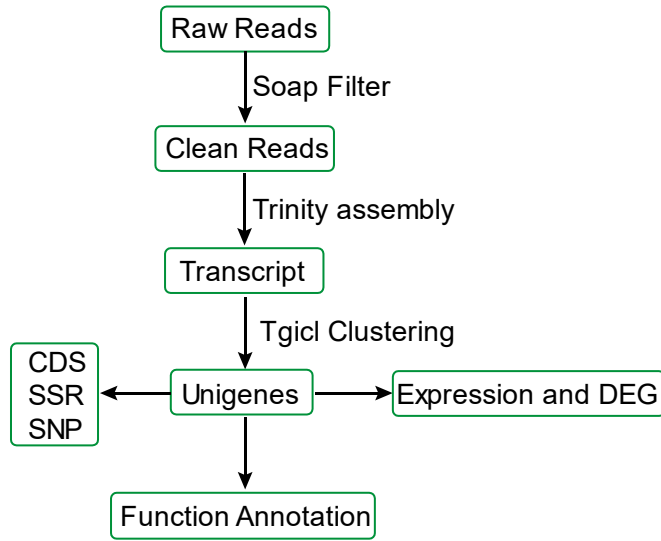
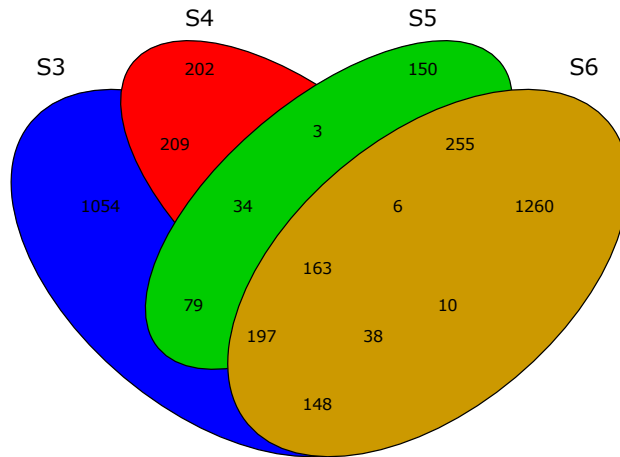


Supplementary Material

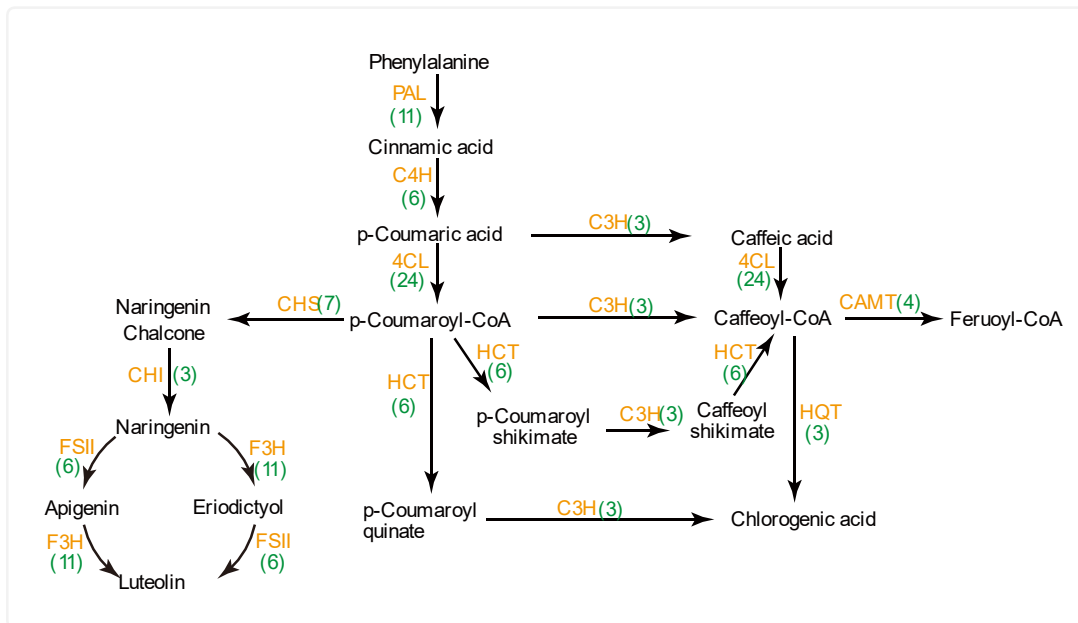
1 Supplementary Figure



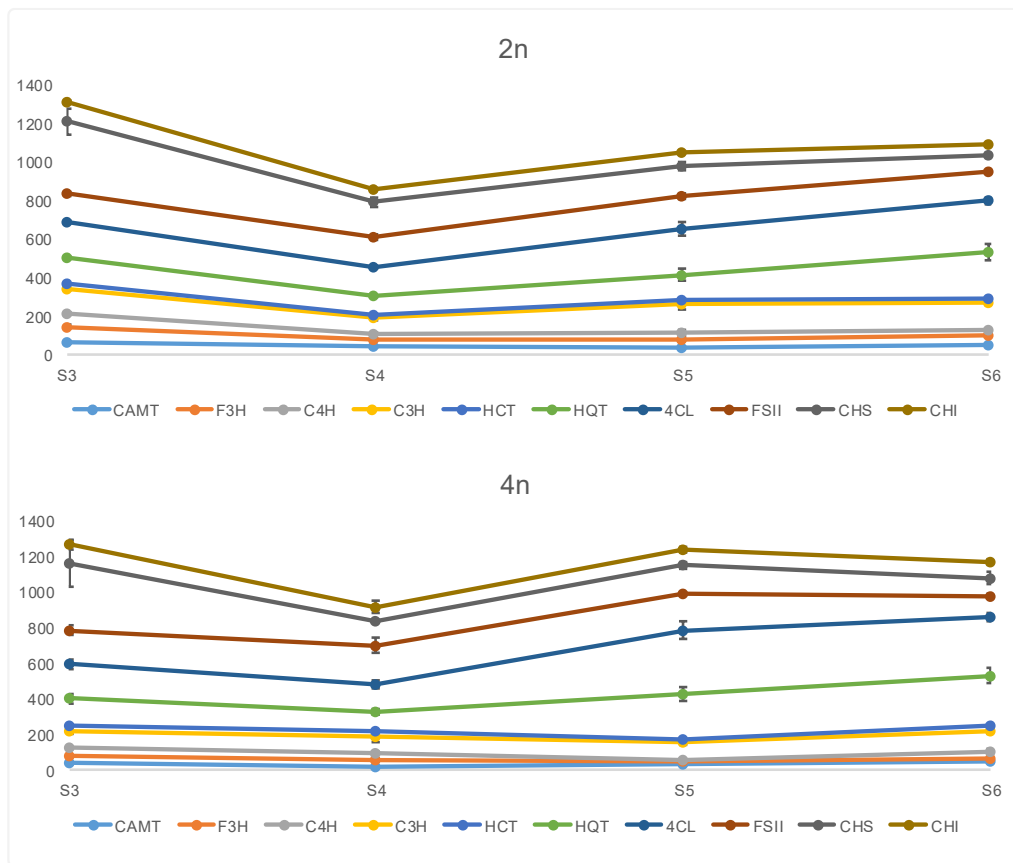
Supplementary Figure 1. Transcriptome analysis of *Lonicera japonica*



Supplementary Figure 2. A venn diagram showing differentially expressed unigenes among all S3-S6 growth stages of diploid and tetraploid *L. japonica*.



Supplementary Figure 3. Proposed CGA, and luteolin biosynthetic pathways in *L. japonica*. Numbers in the bracket is the identified gene copy number.



Supplementary Figure 4. Expression profile of unigenes involved in CGA and luteoloside biosynthesis pathways along the development of diploid and tetraploid *L. japonica*.