Table S1. DEGs of transcriptome sequencing in *G. elata*.

Table S2. The different expression of genes in phenylpropanoid-anthocyanin biosynthesis pathways.

Table S3. Metabolome Profiling of anthocyanins in *G. elata* varieties.

Table S4. The different expression of genes in carotenoids biosynthesis pathways.

Table S5. Metabolome Profiling of carotenoids in *G. elata* varieties.

Table S6. The co-expressed network of mian modules.

Table S7. The correlation between carotenoids and DEGs.

Table S8. The differential MYB transcription factors in *G. elata* varieties.

Table S9. The correlation of genes and carotenoids metabolites.

Figure S1. The total carotenoid contents of three *G. elata* varieties.