

Table 3 Statistics of the number of differentially expressed genes

Flower development	Number of differentially expressed genes	Up-regulated number of genes	Down-regulated gene number
Flower bud period vs Color change period	2639	1922	717
Color-changing period vs Purple-red type	2517	1806	711
Purple-red vs Pink-white	2544	806	1738
Flower bud period vs Pink-white	2703	2080	623
Flower bud period vs Purple-red type	3665	2746	919
Color-changing period vs Pink-white	23	3	20