**Table S8**. Raw data of CT value in qRT-PCR for expression levels of *AP1*, *AP3*, *PI*, *AG*, and *STK* in flowers from *35S:TeAGL11-1* transgenic lines and wild-type Arabidopsis.

|  |  |  |
| --- | --- | --- |
| Gene name | Sample name | CT |
| TR1 | TR2 | TR3 |
| *EF1α* | WT1 | 16.62635803  | 16.29387283  | 16.90584755  |
|  | WT2 | 16.80256844  | 16.72210121  | 16.53613091  |
|  | WL1 | 17.16108894  | 16.78806496  | 16.88180542  |
|  | WL2 | 17.73801231  | 18.04297829  | 18.10258865  |
|  | SL1 | 18.33749580  | 18.49104500  | 18.35979462  |
|  | SL2 | 13.95845127  | 13.69816685  | 13.77558613  |
| *AP1* | WT1 | 22.69411278  | 22.44103813  | 22.90820503  |
|  | WT2 | 22.73032570  | 22.39322281  | 22.28307533  |
|  | WL1 | 22.50920486  | 22.30229759  | 22.40946007  |
|  | WL2 | 23.53490448  | 23.84236908  | 23.92388153  |
|  | SL1 | 24.40630722  | 24.46545982  | 24.45873642  |
|  | SL2 | 20.15310669  | 20.19806576  | 20.21630287  |
| *AP3* | WT1 | 22.18619347  | 22.08269310  | 22.25798225  |
|  | WT2 | 22.37794685  | 22.21275330  | 22.08069038  |
|  | WL1 | 22.98334312  | 22.84454536  | 22.97414207  |
|  | WL2 | 23.45950699  | 23.72994041  | 23.88002396  |
|  | SL1 | 24.28001213  | 24.42575645  | 24.08568382  |
|  | SL2 | 20.12276268  | 19.73318100  | 20.02779007  |
| *PI* | WT1 | 18.80903435  | 18.79787064  | 18.99296951  |
|  | WT2 | 19.91322899  | 19.77373505  | 19.25731277  |
|  | WL1 | 21.41229248  | 21.27294731  | 21.07213783  |
|  | WL2 | 22.39163399  | 22.23786163  | 22.31843758  |
|  | SL1 | 22.43388748  | 22.48480797  | 22.51456642  |
|  | SL2 | 19.06109810  | 19.24877167  | 19.44382668  |
| *AG* | WT1 | 21.38473129  | 21.30690575  | 21.64917755  |
|  | WT2 | 20.92438698  | 20.99438858  | 20.79947853  |
|  | WL1 | 22.24416733  | 21.47183609  | 21.60536003  |
|  | WL2 | 23.91821861  | 24.09463310  | 24.07325935  |
|  | SL1 | 23.32159996  | 23.92264366  | 23.84102631  |
|  | SL2 | 21.26076317  | 21.15826797  | 21.67217064  |
| *STK* | WT1 | 22.06632423  | 21.98277283  | 22.09097481  |
|  | WT2 | 22.62697220  | 22.80195808  | 22.68574715  |
|  | WL1 | 23.65071487  | 23.15180016  | 23.08054543  |
|  | WL2 | 24.68784523  | 24.79329300  | 25.06217384  |
|  | SL1 | 25.83758354  | 25.95071220  | 25.92275047  |
|  | SL2 | 21.47268295  | 21.69736671  | 21.83800697  |

BR: biological replicates; TR: technical replicates