**Supplementary Table S2.** Comparisons of the phenotypes of wild-type and *BrLAS*-overexpressing plants.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | WT | OE6 | OE8 | 0E9 |
| Rosette leaf numbers (one month after germiantion) | 14.4±0.7 | 11.8±0.6\*\* | 10.2±1.9\*\* | 9.3±0.9\*\* |
| Plant height (65 day after germination , cm) | 20.6±1.4 | 8.89±2.1\*\* | 8.2±1.2\*\* | 10.89±1.6\*\* |
| Bolting time (day) | 45.6±2.0 | 60.8±0.6\* | 58.2±1.0\* | 60.89±0.7\* |
| Fertile siliques on the main stem | 88.6±1.8 | 59.89±2.6\*\* | 68.2±3.0\*\* | 70.89±2.7\*\* |
| Senescence leaves(40 day after germination) | 3.0±1.1 | 1.4±0.3\* | `1.2±0.6\* | 0. 9±0.7\* |
| Cauline branches | 3.3±0.23 | 1.6±0.2\*\* | 1.9±0.2\*\* | 2.1±0.2\*\* |
| Rosette branches | 2.9±0.2 | 1.8±0.2\*\* | 1.0±0.1\*\* | 1.5±0.3\*\* |

Note: Data are means ± standard deviation (30 plants). Asterisks indicate significant differences between transgenic line and wild type plants (\**P < 0.05*, \*\**P < 0.01*)