**Table S2** Analysis of variance (ANOVA) for vascular bundles-related traits in peduncle and second node

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Traits | Peduncle node | | | Second node | | |
| Year | Genotype | Year × Genotype | Year | Genotype | Year × Genotype |
| LVN | ns | \*\*\* | ns | ns | \*\* | ns |
| LVA | ns | \*\* | ns | \* | \*\*\* | ns |
| LVXA | ns | \* | ns | \* | \*\*\* | ns |
| LVPA | ns | \* | ns | ns | \*\* | ns |
| SVN | ns | \*\*\* | ns | \*\* | \*\*\* | ns |
| SVA | ns | \*\*\* | ns | ns | \*\* | ns |
| SVXA | \* | \*\*\* | ns | ns | \*\* | ns |
| SVPA | \*\*\* | \*\*\* | \*\* | \* | \*\*\* | ns |

*LVN, the number of large vascular bundle; LVA, the total area of large vascular bundle; LVPA, the phloem area of large vascular bundle; LVXA, the xylem area of large vascular bundle; SVN, the number of small vascular bundle; SVA, the total area of small vascular bundle; SVPA, the phloem area of small vascular bundle; SVXA, the xylem area of small vascular bundle. The \*, \*\*, \*\*\* indicate significant level at P < 0.05, 0.01, and 0.001, respectively, based on analysis of variance; ns indicates non-significance based on analysis of variance.*