**Table S2. Anatomical parameters of the transverse section of leaves**

|  |  |  |  |
| --- | --- | --- | --- |
| Item | LGS | LNS | P value |
| Total area of IP in midrib (μm2) | 8074.67 ± 968.79 | 1503.45 ± 169.18 | <0.0001 |
| PT thickness (μm) | 26.18 ± 2.87 | 30.12 ± 3.24 | <0.0001 |
| ST thickness (μm) | 104.81 ± 10.52 | 91.50 ± 6.55 | <0.0001 |
| The ratio of PT to ST | 0.25 | 0.33 | Null |
| UE cell thickness (μm) | 13.24 ± 1.76 | 13.92 ± 1.78 | 0.0475 |
| LE cell thickness (μm) | 8.90 ± 1.67 | 9.11 ± 1.43 | 0.5712 |

Note: P value indicates the significance of the statistical difference between the measured items of LGS and LNS. P value < 0.05 suggests the significant statistical difference. (IP: included phloem, PT: palisade tissue, ST: spongy tissue, UE: upper epidermis cell, LE: lower epidermis cell)