Supplementary Material

**Supplementary Table S1:**

**qRT-PCR primer details of genes related to stomatal development and regulation in *Leymus chinensis* leaves**

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| Gene ID | Primer No. | Primer Sequence（5'→3'） | Product size/bp |
| >c118857.graph\_c0 | Lc-S2-f | TGCTTCTCACGGTTCCTTCG | 20 |
| Lc-S2-r | CAGTGGCAAGTCAACCTTAGTCC | 23 |
| >c92989.graph\_c0 | Lc-S3-f | GTCCAAGGCGTGATGGGT | 18 |
| Lc-S3-r | TTGAACAGCGACAGGTAGTGC | 21 |
| >c128305.graph\_c0 | Lc-S4-f | TACAGGGACGAACGCCACC | 19 |
| Lc-S4-r | CACAACACGGAGTAGGACGGA | 21 |
| >c93997.graph\_c0 | Lc-S5-f | CTTCAGGCTTACTCGCTAT | 19 |
| Lc-S5-r | AGTTTTGTCTTCTTGGACG | 19 |
| >c113269.graph\_c0 | Lc-S7-f | GATTGCTTGCATCATCTCGG | 20 |
| Lc-S7-r | GATAGGTGGCTGTGGTCGC | 19 |
| >c89156.graph\_c0 | Lc-S8-f | GTCCATCCCCTCCGTTCC | 18 |
| Lc-S8-r | GCCCAATCCACCACCCTC | 18 |
| >c134962.graph\_c0 | Lc-S9-f | CTCAACCCTGAAGAAGAAGGC | 21 |
| Lc-S9-r | TGTGATACTGTCAAACCCAACG | 22 |
| >c103838.graph\_c0 | Lc-S10-f | TAGACATTCCAGATTCTCCAGCAC | 24 |
| Lc-S10-r | GCAGACCTCATTCCGTAAACAA | 22 |
| GenBank：HM623326.1 | Actin-f | ATTGTGCTCAGTGGTGGGTCA | 21 |
| Actin-r | CCAATCCAAACACTGTACTTCCTC | 24 |