**Table S2.** The primers information of target genes in this study

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| --- | --- | --- | --- |
| **Gene** | **Forward sequence (5'-3')** | **Reverse sequence (5'-3')** | **PCR Products(bp)** |
| *Actin* | GTCCATCCATCGTCCACAG | CCTCAACAAGCCACCTACC | 180 |
| *GADPH* | GCTGCAAGTTTCAACATTGTTCC | ATCATAAGTAGCCGCCTTCTCAA | 240 |
| *LvARF1* (TRINITY\_DN100728\_c0\_g1) | ATACAGGGAGCCAGGCAGAA | TGGGTACGAGGGGATGAGG | 188 |
| *LvWD* (TRINITY\_DN101304\_c1\_g1) | GTTGAGTGGAAGGTGGTGAGC | CCCGCTGTGAATGGGACTT | 196 |
| *LvSPL2* (TRINITY\_DN102736\_c2\_g3) | TACCAATGAGCCAGCCACC | CACTAGCGCCCTGAAACAAAT | 198 |
| *LvSPL1* (TRINITY\_DN91754\_c0\_g1) | CTGTCATCACCCATCCAATCTT | CGGGAGTAGCGAGCGAAA | 122 |
| *LvSPL3* (TRINITY\_DN95303\_c2\_g1) | GAGTTCCGACCATCGTTCTTC | AGTTTAACCATCTCCCCTTGC | 100 |
| *LvNAC2* (TRINITY\_DN96199\_c2\_g2) | TCGCCTTCACAGTTCATTCC | GACGCTGAGCATCTCCCTCT | 168 |
| *LvNAC1* (TRINITY\_DN96598\_c0\_g1) | AGATTGGTTCAGAGTTGGGATG | AAAGCCGCCTACGAAGACA | 145 |
| *LvARF2* (TRINITY\_DN99246\_c0\_g3) | ACCGAAGGTTACAATGTCCCA | ATGCCAACACCGAAAAGAGT | 138 |
| Lv3GT (TRINITY\_DN101276\_c1\_g1) | GGCAACCTTGACTCCGTCTT | GGGGATTGTTGGGTGAGGA | 182 |
| *LvMYB5* (TRINITY\_DN103447\_c0\_g1) | AGTGAAGTGGAGCCGTGTT | TGTGAAGCCTGATGATGAGGT | 146 |
| *LvMADS* (TRINITY\_DN96747\_c12\_g4) | GCTCGTTCGTCACAGGAAGTAT | GGGTCTTCGTCCACATAGCC | 162 |