**Table S1** Primers used for 5’-RACE of *SmLACs*.

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| Gene name | Primer sequence (5’-3’) |
| *SmLAC4* | Nesting: GCTACGTAGGCACTCGCCGCC |
| Nested: GTAGGCCGCGTCGACGGCTACCACC |
| *SmLAC7* | Nesting: GAACTTTCCGTCCACGGTTTGCGG |
| Nested: CGTCGTTGAGCGCAGCGTTGATC |
| *SmLAC10* | Nesting: GTACGCGGTCACCGTGTTCGTGTCG |
| Nested: CCGACCATGATGACTCTGGTGGAGAAG |
| *SmLAC15* | Nesting: AGGTTGTGGTTGGCGATTTTGAAGAAC |
| Nested: GATCCGCTTTGAAGGCCTTCCCTC |
| *SmLAC17* | Nesting: GCCATGTAGTAGCGCGCGGGTGGC |
| Nested: ACTGAGATTTTGGTTGTGCCTTGGC |
| *SmLAC19* | Nesting: GAAGAACATTATGTTGTCCATCACCGCG |
| Nested: GGGAAGATGTGCATGAGGCTTCGGAAAC |
| *SmLAC20* | Nesting: GGGAAAGGATAAGTGTGTGTCTTGGGC |
| Nested: GAACTCGTTGTCGAAAGCTTTTGCCGG |
| *SmLAC21* | Nesting: TGCGTGTAGTTGAAGACGAAGCCCG |
| Nested: CGCTGAGTCGCCGGTAGTAGGCCTG |
| *SmLAC23* | Nesting: GAGCATGAGGACGGAGGTGGAGAAGGG |
| Nested: CAAGAAGAAGGGGAGTTTCACGGTGG |
| *SmLAC26* | Nesting: GGTGACGTTGTGGCCGCCGATTTTGAAGAAC |
| Nested: GAGCAAGGGTACAAGTAACCTGGTTGACC |
| *SmLAC28* | Nesting: CTATGGTCTGGCCGGGGGCGATGG |
| Nested: GAAGTACATAATGTAGTTCATCATTGC |
| *SmLAC31* | Nesting: GCAGCATTGATGATACGCAGCAGGTACG |
| Nested: GTGGCCCTGGCTTCCCATTGATTGTGTG |
| *SmLAC32* | Nesting: GTCGGGGAGTTGGCAAGGGCGCCGG |
| Nested: CGACCACCGTCAGTTTGTGGCCGGCG |
| *SmLAC34* | Nesting: CAGAACATTGGTGGTCTGCCCTGGTCCG |
| Nested: GTTGTAGGCGGCGTCGTTCCCGACCACGG |
| *SmLAC37* | Nesting: CGATCGCGATGTGATCGGTGTTCAGCGGC |
| Nested: GGTAAGTCTTGCCCGGCTGCACACTC |