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| **Table S1 The primers sequences used in this study** | | |  |
| **Gene ID** | **Forward primer（5‘-3’）** | **Reverse primer（5‘-3’）** | **Product length(bp)** |
| **pycom09g05270** | GTGGGATGTCGTTGTCTTC | AATCACCAGATAAAGGAGCAC | 92 |
| **pycom09g09820** | CCTGTGAAGTTCAAGGTGAGA | ACCAATTTGGTCAGCGAG | 108 |
| **pycom15g00250** | CCAATTCGGTATTCTACAGCAA | GGGCCTGAGAGGAAATGA | 90 |
| **pycom08g03050** | TCTGTGGTCTACGAAGCG | GAACCCGAACAGCAACTC | 132 |
| **pycom09g02160** | GAACAGCTGGTTGGCTTC | TTCCTAGTGGTACTGTTGCTAT | 81 |
| **pycom111g05530** | AAATGGACCAATAGGGCTG | GTATATGTCTAGCCGGGCG | 90 |
| **pycom17g24810** | TCCATTCTCATTCTCAAACACG | TGTGAGATGTTGGTGGTAGG | 97 |
| **pycom17g24820** | ATACCTTGTGAGCTCCGT | TTGCTTGTCGCCTCTCTAAT | 96 |
| **pycom07g24090** | CAAGACCATGAAATGTGCG | ACCAAATGCTTCACCTCG | 105 |
| **pycom06g10250** | TTGTAGCAAAGCATCCATCTC | GAAGCTGGGAAATTGTACGG | 80 |