Table S1.Primer sequences. F: forward; R: reverse.

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| Gene | Primers sequences | PCR product length (bp) |
| CPAR2\_208190 | F:TTGGGTTTGGGTGTGTTCCA | 196 |
| R:TGGCCGAAATGTCTGACGAA |
| CPAR2\_213060 | F:GTCGCAAATTGGCTTAGCTACT | 102 |
| R:GGTTTCATTGTTGGGGATTCGG |
| CPAR2\_203780 | F:GCGTCCTCAATTTGCAAGGG | 223 |
| R:TGCAACTTCGGGGTCACATT |
| CPAR2\_404910 | F:TGCCAAGGGTCCAGAGTACT | 217 |
| R:AACGGCAAGGAAGGAAACAC |
| CPAR2\_800950 | F:AGCACCAATAGTACCAGCAGT | 150 |
| R:TTAGCTGCATTCACCACTACT |
| CPAR2\_702930 | F:TGGCACAGGTACAGATGGTT | 186 |
| R:TTGAGGTTGTTCAGGTGGCA |
| CPAR2\_807710 | F:GTGGTCACGGTTACTCAGCA | 165 |
| R:CTCCCTTAACAGCCTTGCCA |
| CPAR2\_703200 | F:AGCTTTTGTCTTGGCTCCCA | 211 |
| R:AGTGACTATGGCGTTTGGGT |
| CPAR2\_807700 | F:TGCTGCCACTGTTGTTTTGG | 249 |
| R:CGTGGAGGGTTCAAGGTCTT |
| CPAR2\_700300 | F:TGTTGTCAAGATCCCAGGTGG | 202 |
| R:TGGGGTTTCATCTTCAGGGG |
| CPAR2\_100480 | F:TCTTATGCTGCGGTTGCTGG | 97 |
| R:CCAAAGCCTGCTCGTATGTGA |
| CPAR2\_603600 | F:CCGCTGGTGATGAGGCTACTAATG | 136 |
| R:TGACCGTGCAAGTGGAATGGATG |
| CPAR2\_808120 | F:TGGCAATCACATCCGTTCACCTTC | 163 |
| R:CGTATGGACCTTCGCAACTCACTC |
| CPAR2\_102580 | F:CCAGCACCTCGGTCAATCAAGG | 159 |
| R:CAGTAGCTGCACCTGGTGAGTTC |
| CPAR2\_109900 | F:AGCAGCACATTCCGCACCAAG | 117 |
| R:GCGACAGGAGCATGGTCATGG |
| CPAR2\_603040 | F:CACGTCGTGGAGGACACTCAAG | 81 |
| R:CTGAATGGCTGCCGCTGGAG |
| CPAR2\_403560 | F:CAAGATAGCTGTGCAACGTTCACC | 131 |
| R:ATGGACGCACCGACAAGTTGG |
| CPAR2\_202420 | F:CAGGACCTGAAGGAACGTCTCAAC | 155 |
| R:TTCGGATGCTGTCTCGCTTGATG |
| CPAR2\_602060 | F:CCGTCAGCATCACCATGCCAAG | 137 |
| R:GTGAGGCTGTTGTGAAGCTAGGTG |
| CPAR2\_109200 | F:GCCGAGATCACCTCCATTGCATAG | 89 |
| R:TAGCATTAGCTGCGTGTGACGAAG |