

Table 6 Information of SSR markers

| Primer | Repeat motifs | Primer sequence (5'→3')  |                         | Product size (bp) |
|--------|---------------|--------------------------|-------------------------|-------------------|
|        |               | Forward                  | Reverse                 |                   |
| SSR02  | (TC)15        | GGAGCATTGAAGCGAGAAAT     | ACGCTTCGAGTACTCCCTGA    | 181~198           |
| SSR03  | (GGAAA)11     | TAGCTCGCACACAACACCAC     | TCCAACGACACACTCTCTGC    | 173~194           |
| SSR05  | (CT)15        | AAAGAGGAGAGGGCGAGGACAG   | TTCAGGATACGCTTTGATGCC   | 460~484           |
| SSR08  | (CA)12        | GCATCATTCCACCACTCACC     | GTCATCAAACCAGTGGCTCA    | 156~183           |
| SSR09  | (TG)13        | CACATTGTGGCGTGTTATTAATTT | ACATTGGCTATCTCTCATCATGG | 175~198           |
| SSR12  | (TTC)10       | CAGGGTTGCAAGAAGTACCG     | ATCAACCGTATGGGCAAAAG    | 109~160           |
| SSR13  | (AG)14        | GGGAGAACCAACCCAGTCTAT    | CCCAATCCGCTGTAGTAGGA    | 135~154           |
| SSR15  | (TG)8(AG)10   | TGGATTCCACCCAGAGTCC      | CCACCGACTCGATGACATAA    | 134~175           |
| SSR16  | (AG)17        | GCTCAAACCCAACCTCTATTC    | AACCCTAAAGTTAAGACCCT    | 151~177           |
| SSR18  | (AAT)13       | AGGGAAGTGTGAGGTGGTG      | AGTCCGAACAGTAGGGGTGA    | 154~190           |
| SSR21  | (TA)9         | AGGTGAGAACTTTGGGAGC      | AAGAACCACAGCAAAACAGG    | 239~278           |
| SSR23  | (CT)7         | GAGCACTGGGTTTTTGGAGG     | AGATCGAAGGGCGAGGAAGA    | 196~222           |
| SSR24  | (TTTC)9       | TTGCTCTCTCTCCTCCACC      | AGTCTCATTTCCTTCCCAGT    | 337~359           |
| SSR26  | (CACCAT)6     | TGGGTTTCTTAGAGGGGATA     | TGGAGACAATGGAGGTAATG    | 299~350           |
| SSR30  | (CAC)6        | CAGGTATGATTGATGAGGA      | CAAGCAACTTATTTCGTGGT    | 270~290           |