

Table 2 The nucleotide compositions and frequency of the dominant repeat units of microsatellites in pine, poplar and eucalyptus

| The type of repeats | The composition and proportion of nucleotides in dominant repeat units | | |
|---------------------|--|----------------------|-------------------|
| | Pinus | Poplar | Eucalyptus |
| Di-nucleotide | TA/AT (38.6%) | AG/TC (37.5%) | AG/TC (48.8%) |
| Tri-nucleotide | AAG/TTC (9.8%) | AAG/TTC (11.8%) | AAG/TTC (11.1%) |
| Tetra-nucleotide | AAAG/TTTC (6.7%) | AAAG/TTTC (14.8%) | AGTG/TCAC (26.4%) |
| Penta-nucleotide | CTGCG (6.3%) | AAAAG/TTTTTC (12.7%) | CAAAG (8.5%) |

Note: The percentage values in this table are the ratio of the listed dominant repeat units in different lengths of repeat units