Supplementary Material

Desiccation treatment and endogenous IAA levels are key factors influencing high frequency somatic embryogenesis in *Cunninghamia lanceolata* (Lamb.) Hook

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## Supplementary Tables

**Supplementary Table S1**. SSR primers used to assess the genetic stability of PEMs and plants regenerated via SE.

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| **Locusa** | **Tm** | **Allele size** | **Primer (5′–3′)** |
| CFeSSR23 | 50 | 101 | F:GCTATCATCGACACCAAC  R:CACTTCACCAAACTCTTCT |
| CFeSSR35 | 53 | 416 | F:TCCTTCCTTCCGTGTCTA  R:CAATGAATATGATGATGGGT |
| CFeSSR63 | 54 | 237 | F:CTTCCGACTTCACCAAAC  R:TCCAATAAGCATAGCCAC |
| CFeSSR72 | 49 | 297 | F:TCTCACGGTGCTCTGTTGG  R:TGTCAGGGCGATTGTTGC |
| CFeSSR98 | 54 | 361 | F:AAACTCCCTGTAGACCCA  R:GCTCTGCTAAGCGTATGTC |
| CFeSSR234 | 54 | 499 | F:CGTCATCCTGGGATCTTT  R:GTTAGTGGCTTGCTTACC |
| CFeSSR278 | 49 | 359 | F:TGGTTAGCCAGGAAAGCC  R:GGGAATGGTGGGAGGAAT |
| CFeSSR284 | 49 | 108 | F:GCAGGAACCACAGATACACTC  R:TTCGGCTACTGATAGGACTT |
| CFeSSR312 | 50 | 279 | F:CCTGCTGACACGCCTAAA  R:GGCCAAGAGTGCCTTCTA |
| CFeSSR352 | 50 | 329 | F:TTCCCTCAACCAAATCCTT  R:GATCCCTCCATTGCAGTTT |
| CFeSSR418 | 50 | 262 | F:CGAACCACGGTTATTTCT  R:CCAGGGACTTCTTCAGCA |

Tm , melting temperature

aSSR primers developed from transcriptome analysis of genotype 6421.