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.