Supplementary Material

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

Xiaohong Zhou1,2†, Renhua Zheng3†, Guangxin Liu1,2, Yang Xu1‡, Yanwei Zhou1,2, Thomas Laux4, Yan Zhen1,2, Scott A. Harding5, Jisen Shi1,2\*, and Jinhui Chen1,2\*

**\* Correspondence:** Dr. Jinhui Chen: Tel.: +86 25 85428817; E-mail: chenjh@njfu.edu.cn; Dr. Jisen Shi: Tel.: +86 25 85428948; Fax: +86 25 85428948; E-mail: jshi@njfu.edu.cn.

## Supplementary Tables

**Supplementary Table S5**. Primer sets used for quantitative RT-PCR.

|  |  |  |
| --- | --- | --- |
|  | **Contig No.** | **Primer (5′–3′)** |
| ClWOX4 | 36733, 32906, 32905 | F:CCTATCTTCACTTCTTCCTCCTTGTTCR:TCAATGTCTGTTTTTGTGGGGACC |
| ClWOX5 | 19482 | F:GGTCTGATTTGAATAGCACAGGAGCR:TTCCCAACAACTGAGAGAGAGGTC |
| ClWOX13-1 | 2065 | F:AAACCCTCTCCAGGAAAGTCAAGCR:GGCTCATCCACTCTTACTAACTGTCC |
| ClWOX13-2 | 20784, 26020 | F:CAAAACAGGCAACCTACTGCTGACCR:CATTTCCAGGATTGACACTGACACC |
| ClWOX13-3 | 20417 | F:CCTGTATCAAATCAGCAAGTGTCTGGR:GAAGTGGGTGAAAAGTAACTCCTGC |
| ClSERK1-1 | 18030 | F:ATTCAGGCGGTTCCAAATCAAAAGTR:TGTCATCCTCACCAGAAACATCAACA |
| ClSERK1-2 | 7157 | F:CACCTGAACTTGGGAAGATGAGTAGR:CGCTCCGCTAAGATTGTTGTTTC |
| ClSERK1-3 | 39103 | F:TAGCCCAAAATCCCCCACTACTGR:AACGCCTGCTTGTTTATCCCTTC |
| ClSERK1-4 | 19371 | F:GCTCAATAATAACAGCCTCTCAGGGR:CCACTGGACCACAAAGAAGTTGG |
| ClSERK2-1 | 20090 | F:CTCACTCACCCCTTTCGTTCACR:GCCACCATAGGAGAAGTCCAATG |