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 S3.** Accession numbers and genome loci of the WOX sequences used for phylogenetic analysis. At: *Arabidopsis thaliana*, Mt: *Medicago truncatula*, Os: *Oryza sativa*, Pa: *Picea abies*, Pp: *Physcomitrella patens*,Vv: *Vitis vinifera*, Zm: *Zea mays*, Gb: Ginkgo biloba.(Haecker et al., 2004; Deveaux et al., 2008; Gambino et al., 2011; Hedman et al., 2013)

|  |  |  |  |
| --- | --- | --- | --- |
| **Gene name** | **Accession no./Locus** | **Gene name** | **Accession no.** |
| Pa\_WUS | JX512364 | Zm\_WUS1 | AM234744 |
| Pa\_WOX2 | AM286747 | Zm\_WUS2 | AM234745 |
| Pa\_WOX3 | JX411947 | Zm\_WOX2 | AM490235 |
| Pa\_WOX4 | JX411948 | Zm\_WOX3B | AM491777 |
| Pa\_WOX5 | JX411949 | Zm\_WOX3A | AM490236 |
| Pa\_WOX8/9 | GU944670 | Zm\_WOX4 | AM490237 |
| Pa\_WOX8A | JX411950 | Zm\_WOX5A | AM490238 |
| Pa\_WOX8B | JX411951 | Zm\_WOX5B | AM490239 |
| Pa\_WOX8C | JX411952 | Zm\_WOX9A | AM490240 |
| Pa\_WOX8D | JX411953 | Zm\_WOX9B | AM490241 |
| At\_WOX1 | AT3G18010 | Zm\_WOX9C | AM490242 |
| At\_WOX2 | AT5G59340 | Zm\_WOX11 | ACG26290 |
| At\_WOX3 | AT2G28610 | Zm\_WOX12A(ZmWOX11/12A) | AM234774 |
| At\_WOX4 | AT1G46480 | Zm\_WOX12B(ZmWOX11/12B) | AM234775 |
| At\_WOX5A (WOX7) | AT5G05770 | Zm\_WOX13A | AM234776 |
| At\_WOX5B (WOX5) | AT3G11260 | Zm\_WOX13B | AM234777 |
| At\_WOX6 | AT2G01500 | Zm\_WOX13C(ZmWOX14B) | EU952747 |
| At\_WOX8 | AY251400 | Zm\_WOX13D(ZmWOX14A) | EU961475 |
| At\_WOX9A (WOX9) | AT2G33880 | Vv\_WUS | AM447418 |
| At\_WOX9B (WOX8) | AT5G45980 | Vv\_WOX1 | AM439847 |
| At\_WOX11 | AT3G03660 | Vv\_WOX2 | AM488389 |
| At\_WOX12 | AT5G17810 | Vv\_WOX3 | AM429035 |
| At\_WOX13A(WOX13) | AT4G35550 | Vv\_WOX4 | AM447494 |
| At\_WOX13B(WOX10) | AT1G20710 | Vv\_WOX5 | AM454567 |
| At\_WOX14 WOX13C) | AT1G20700 | Vv\_WOX6 (VvWOX1B) | AM463144 |
| Gb\_WUS | FM882128 | Vv\_WOX9 | AM488026 |
| Gb\_WOX2 | FM882124 | Vv\_WOX11 | AM435207 |
| Gb\_WOX3A | FM882125 | Vv\_WOX13A | AM486367 |
| Gb\_WOX3B | FM882126 | Vv\_WOX13B | AM473516 |
| Pp\_WOX13-LIKE A | BAM76366 | Vv\_WOX13C | AM463736 |
| Pp\_WOX13-LIKE B | BAM76367 |  |  |
| Pp\_WOX13-LIKE C | BAN16591 |  |  |

**Reference**

Deveaux, Y., Toffano-Nioche, C., Claisse, G., Thareau, V., Morin, H., Laufs, P., et al. (2008). Genes of the most conserved *WOX* clade in plants affect root and flower development in *Arabidopsis*. *BMC Evol Biol* 8**,** 291.

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