

Table S2: Gene-specific oligonucleotide primers used in qPCR analyses.

| Clone ID [Genome Model] | Forward Primer (5' - 3') | Reverse Primer (5' - 3') |
|--|--------------------------|--------------------------|
| <i>Microarray validation</i> | | |
| WS0158_D14 [POPTR_0009s15160] | GAGGGTATGTCTCTTGATGAAG | CCTGTGCACAGGATTTGCAAG |
| WS0147_P16 [POPTR_0019s12320] | CGTGTACGCAGCAATTGGTG | CCCTGGTGATTTTGCATCCAT |
| WS0124_D16 [POPTR_0014s11710] | CATATGTTACCACCAAGAAGGG | GCGAACACATGGTGATTACATG |
| WS0205_I02 [POPTR_0002s14800] | CCTTCGTTGCACTAATGAATC | CTCTTCTTGTCCGAAAATTGG |
| WS0212_I21 [POPTR_0006s24090] | CTTGGAATTAAGTTAATGTGGAAC | GGTCAAAGATTGCTGACGAGC |
| WS0214_H20 [POPTR_0001s22060] | GAACCAGATCTTTTGATTGGAA | GTTCACTGTAGTCACCGCAAC |
| WS0143_A03 [POPTR_0009s14420] | GTAGGGAAACAAATTGTCTAGAT | GCTGTGGTGTCAATCCAAAACC |
| WS0134_G14 [POPTR_0010s01150] | TTTCGTGTGGTCAATGCGAC | AATCAAAGTTCCTTCGCGGAT |
| PPO [POPTR_0001s39660] | TGCCCAGGTCTAATAGTGTTAG | GACCTACATCGATCTCCTGAAG |
| TPS1 [POPTR_0001s44080] | GTGCCAATGTGATCAGCTAG | CGGTTGAATCAGCATCACAG |
| <i>Galactinol synthase expression analysis</i> | | |
| PtdGOLS1.2 | CGTCCCTGCACCAACTGCT | CGAAGTAGCCTGAAAAAGGTAT |
| PtdGOLS2.1 | CATTGTCGAGGTCATCCATCT | GGATGGGATTACACCAGTTTTT |
| PtdGOLS6.1 | AGCCAGTGAACCTTACATCCATT | GTGCTTTGATCCTTCTTTCTTC |
| PtGOLS3.1 | CTGAGGCTGGTGTGTCCAC | TCCTAGAAAATTCAAAAGAGCAAT |