

Supplementary Table S1

| Populus trichocarpa | | | | | |
|--|--------------------------|------------------|-------------------------|--------------------------|-------------------------|
| Protein | Gene abb. | Locus name v2.0 | Updated v3.0 locus name | Forward 5'-3' | Reverse 5'-3' |
| Flowering time genes | | | | | |
| FLOWERING LOCUS T | <i>FT1</i> | POPTR_0008s07730 | Potri.008G077700 | GCGAGCTCAAGCCCTCTCA | TGCATCAGGGTCCACCATAAC |
| FLOWERING LOCUS T | <i>FT2</i> | POPTR_0010s18680 | Potri.010G179700 | GAGTTGTGTGCTACGAGAGC | CACTGTTGCCTGCCTAGTTG |
| CENTRORADIALIS-LIKE1 | <i>CENL1</i> | POPTR_0004s21410 | Potri.004G203900 | AGTCCAACAGGAAGCAGGTTTTT | AAAGGATCTCATACCTCCATGAA |
| CENTRORADIALIS-LIKE2 | <i>CENL2</i> | POPTR_0009s16670 | Potri.009G165100 | AGCTTTTCCCATCTGCTGTC | CCTGGAACATCTGGGTCTGT |
| CONSTANS | <i>CO</i> | POPTR_0004s10800 | Potri.004G108300 | GATGTTGGAGTGGTGCCAGAA | TGGATAGCAGTGCTGGAGAAAAG |
| BROTHER OF FT | <i>BFT</i> | POPTR_0015s13370 | Potri.015G141300 | ACAGACCCTGATGCTCCAAG | CAGTTGTGCCAGGAATGTCA |
| Genes affecting axillary shoot branching | | | | | |
| MORE AXILLARY BRANCHES1 | <i>MAX1.1</i> | POPTR_0006s24320 | Potri.006G226700 | AAACGTTATGGCCCCATTTT | TGAGATGGGAGAGGGAACAC |
| MORE AXILLARY BRANCHES1 | <i>MAX1.2</i> | POPTR_0018s07540 | Potri.018G062100 | CAGATGCCAACAGCTCAAGA | TCCAGGTGCTAACCAGATCC |
| BRANCHED1 | <i>BRC1-LIKE</i> | POPTR_0012s05660 | Potri.012G059900 | CATCATCGCGTAAAACCTCA | GTCGATTCTTCGACTGCACA |
| BRANCHED2 | <i>BRC2-LIKE</i> | POPTR_0010s14030 | Potri.010G130200 | ACTTGCTGCCACATCAATG | AGTAGCCCCACTTGGAACTT |
| PINFORMED | <i>PIN-LIKE1</i> | POPTR_0012s04470 | Potri.012G047200 | TGTTAGGCTCGCTGATCTCC | TGCAGACCAACTTTCTCAC |
| PINFORMED | <i>PIN-LIKE2/PttPIN3</i> | POPTR_0006s03540 | Potri.006G037000 | CAATGACCTTGGTGGGGTAG | GCTGTGGAGCTTGAAGCAA |
| Meristem identity and organization | | | | | |
| WUSCHEL | <i>WUS-LIKE1</i> | POPTR_0005s11680 | Potri.005G114700 | GGTGGTGAATCCATGAACAA | AATCTTTTCAGCGGCTTCTCT |
| WUSCHEL | <i>WUS-LIKE2</i> | POPTR_0007s14130 | Potri.007G012100 | ATTTCCAATGCTTGGTGAGG | ACGGGAAGAAGTGTCAATTGC |
| CLAVATA1 | <i>CLV1-LIKE</i> | POPTR_0005s26300 | Potri.005G241500 | TCTCGCTAAGTTCTTACAAGATGC | ACACAAAACCTGTAACATCACTC |
| CLAVATA3 | <i>CLV3-LIKE</i> | POPTR_0001s05380 | Potri.001G016100 | TGCAATGCATGAACAACAG | CTCCCTTCCCATTCTTGTG |
| KNOTTED1 | <i>KN1-LIKE</i> | POPTR_0002s11400 | Potri.002G113300 | GCCAGGCAGAAGCTACTCAG | CCAATGTCGCTTCTTTGAT |
| SHOOT MERISTEMLESS | <i>STM-LIKE1</i> | POPTR_0004s00650 | Potri.004G004700 | ACATGTTAATGCGGGGGATT | TGTTGTTGTGGTTGTGATCG |
| SHOOT MERISTEMLESS | <i>STM-LIKE2</i> | POPTR_0011s01600 | Potri.011G011100 | GTCTCCTTGCTGCCTATGCT | GCAATAGAAGCAGCCGATG |
| Reference gene actin | | | | | |
| ACTIN | <i>ACT</i> | POPTR_0001s31700 | Potri.001G309500 | CGATGCCGAGGATATTCAAC | ACCAGTGTGCTTGGTCTACCC |