

File S2

Sequence of DNA fragments obtained with primer set Ca_Sb07g023730F10/R10 in the tall inbred line ICMP 451 (A) and in the dwarf inbred line Tift 23DB (B). The synonymous SNP that differentiates the ICMP 451 and Tift 23DB sequences is shown in red.

A. ICMP 451_Ca_Sb07g023730F10/R10

GCAGGTTCTCCTTGATGCTCGTCGCGAACAGCGTCGGCTCCTGACTCACCAGGCCCATCTGCTGCCGGAGC
CACCGGAGCTTCAGGCTCTTGAGGTCATGCCCGTCCAGCAGGATCTCACCTGTTGCAATTGCAATTC
CGCTCATCAGAATAGTAGTTTGTCTTAGTAGTAGACTTTTCTGCCTATTACTAGAGGATGCCTATGAAT
GACTGTGACTGGACAAGAGGATGATGCAGCGCAAAGGAAGCAGCCCATGAGGCCGGCAAGCTCTGCTCCAA
TCCAAGCACTACTTGCTTGCTTGCTTGCAACACCCACCCAGCAATGGCGGGCAATGCTGATTACTGATG
GCTCCAATCCAACAAGAGAATGTAACCAACAACGGGTATACCTGCGCTGGGGTCGTAGAACCTCTCGATGA
GCGACACGACGGTGCTCTTCCCGGAGCCGGAGCTGCCGACCAGCGCGATGGTCTTCCCGGCGGGC
ACGGTGAGGGAGAAGGCGCGCAGGATGGGCACGTCCGGCCGCGTCGGGTACGCGAAGTCGACGCCCCGCATCTCTAC
CCGCCCCGTGACGGACTCCAGCTCCACCTGGCCGTCCCGCGAGATCCCCGGCTTGTGTCGATGATGCGGA
AGATCTTGGCCGCCGCGACGCGGCCTTGGCGAAGGCGGCCATGCTCGGCGCCGACTGCCCCAGCGCGATG
CCCCCGATCATGACGGAGAACATGGTGGCGATGGCGAGCCCCCGTTGGTGCGGTGGCCGCGCACCAGGTG
GCCCCCGTACCAGAGCAGCAGCCCGTAGCAGCAGAAGACGGTGAAGTAGGTGCCTCCGAG

B. Tift 23DB_Ca_Sb07g023730F10/R10

GCAGGTTCTCCTTGATGCTCGTCGCGAACAGCGTCGGCTCCTGACTCACCAGGCCCATCTGCTGCCGGAGC
CACCGGAGCTTCAGGCTCTTGAGGTCATGCCCGTCCAGCAGGATCTCACCTGTTGCAATTGCAATTC
CGCTCATCAGAATAGTAGTTTGTCTTAGTAGTAGACTTTTCTGCCTATTACTAGAGGATGCCTATGAAT
GACTGTGACTGGACAAGAGGATGATGCAGCGCAAAGGAAGCAGCCCATGAGGCCGGCAAGCTCTGCTCCAA
TCCAAGCACTACTTGCTTGCTTGCTTGCAACACCCACCCAGCAATGGCGGGCAATGCTGATTACTGATG
GCTCCAATCCAACAAGAGAATGTAACCAACAACGGGTATACCTGCGCTGGGGTCGTAGAACCTCTCGATGA
GCGACACGACGGTGCTCTTCCCGGAGCCGGAGCTGCCGACCAGCGCGATGGTCTTCCCGGCGGGC
ACGGTGAGGGAGAAGGCGCGCAGGATGGGCACGTCCGGCCGCGTCGGGTACGCGAAGTCGACGCCCCGCATCTCTAC
CCGCCCCGTGACGGACTCCAGCTCCACCTGGCCGTCCCGCGAGATCCCCGGCTTGTGATCGATGATGCGGA
AGATCTTGGCCGCCGCGACGCGGCCTTGGCGAAGGCGGCCATGCTCGGCGCCGACTGCCCCAGCGCGATG
CCCCCGATCATGACGGAGAACATGGTGGCGATGGCGAGCCCCCGTTGGTGCGGTGGCCGCGCACCAGGTG
GCCCCCGTACCAGAGCAGCAGCCCGTAGCAGCAGAAGACGGTGAAGTAGGTGCCTCCGAG