

**Table S2.** Primers used for the real-time RT-PCR analysis of the genes flanking the T-DNA insertion site.

<b>Gene Name</b>	<b>Primer 5'-3' sequence</b>
<i>PtXaTreH.14G052500</i>	<b>Fwd</b> -TTGGCTAGTAACGGTGCAGG <b>Rev</b> -TCAACCGGTAGCAGCACATT
<i>PtXaTreH.14G052600</i>	<b>Fwd</b> -TGGATCCAGAACCTGGGAGA <b>Rev</b> -TGAGGTGATGGTTTTTCAGAAGC
<i>PtXaAlbH.05G161200</i>	<b>Fwd</b> -CGCACTGTGAAACCACCAAG <b>Rev</b> -CAAGGTGGATGAGAGCAGCA
<i>PtXaTreH.01G014500</i>	<b>Fwd</b> -ACAGGGGACTAAATGGAGCAC <b>Rev</b> -ACTCGGTGCGGATTGATACC
<i>PtXaAlbH.10G146700</i>	<b>Fwd</b> -AAGAGCAGCCTTTTGTCCCC <b>Rev</b> -TGAGCCACTTTCCCCAACAC
<i>PtXaAlbH.08G010800</i>	<b>Fwd</b> -GAGGGGCTGAAAAGATGAAAGG <b>Rev</b> -CCTGCGCTTCGAGACTAGG
<i>PtXaAlbH.10G086200</i>	<b>Fwd</b> -GGAACA ACTGCCTTGCTGAC <b>Rev</b> -TCCAATTTCCAATCCCCGACA
<i>PtXaTreH.15G090200</i>	<b>Fwd</b> -GCAGCAGCAATGCTCACTTT <b>Rev</b> -ACGCGGTTCCATAAGTACCA
<i>PtXaTreH.06G072700</i>	<b>Fwd</b> -AGCGTAATCCATTTCCGGTGA <b>Rev</b> -ACGCATTTCGTAGGCGATTCT

**Table S3.** Primers used for cloning of the candidate genes following Gateway procedure.

<b>Gene Name</b>	<b><i>attB</i> primer 5'-3' sequence</b>
<i>PtXaTreH.14G052500</i>	<b>Fwd-</b> GGGGACAAGTTTGTACAAAAAAGCAGGCT atggetacgttacagtactctctcc <b>Rev-</b> GGGGACCACTTTGTACAAGAAAGCTGGGT tcaggacatgagaatcgaaca
<i>PtXaTreH.14G052600</i>	<b>Fwd-</b> GGGGACAAGTTTGTACAAAAAAGCAGGCTatggagaaaagagtatctga <b>Rev-</b> GGGGACCACTTTGTACAAGAAAGCTGGGTctaagaagaaaggtttttgtt
<i>PtXaAlbH.05G161200</i>	<b>Fwd-</b> GGGGACAAGTTTGTACAAAAAAGCAGGCTatggaccttagtaaggcaacgctagagatc <b>Rev-</b> GGGGACCACTTTGTACAAGAAAGCTGGGTttagcgactgttgcaagaggactaacggc