

Supplementary Table S1. Primers used for the construction of recombinant plasmid containing cDNA clones of TPNRBV

Primers name	Primer sequence (5'-3')
TPNRBV2-F1	TTAGCAATTACCGCTGGTATTG
TPNRBV2-MR1	GAGGCTTATACTTCGACAACACT
TPNRBV2-MF2	GGTCCATACGTGTCAAATCTGAT
TPNRBV2-R2	GTTATCTTACTAAATCTAGACTAA
TPNRBV3-F	TTGCGGTCAGTTGGCCGTTT
TPNRBV3-R	ATCTTATTAATATTAGGTTATGACA
TPNRBV4-F	TTACCTTTGCGTAGGCATTGGT
TPNRBV4-R	ATCTTATAATATTAAGTCATGACATA
35S-TPNRBV1-F	<u>TAACAATTTACACAGGAAACAGCTATGACCATGATTACGTGAGACTTTTCAACA</u> AAGGGTAA
TPNRBV1-35S-R	<u>CCTGTAATTCACACGTCGACTCTAGAGGATCCCCGGGTAC</u> ATCTTAATAATCTAG ACTATGACA
35S-F	<u>ACACAGGAAACAGCTATGACCATGATTACGTGAGACTTTTCAACAAAGGGTAA</u>
TPNRBV2-35S-R	<u>ACACGTCGACTCTAGAGGATCCCCGGGTAC</u> GTTATCTTACTAAATCTAGACTAAA
TPNRBV3-35S-R	<u>AGGATCCCCGGGTAC</u> ATCTTATTAATATTAGGTTATGACAT
TPNRBV4-35S-R	<u>AGGATCCCCGGGTAC</u> ATCTTATAATATTAAGTCATGACATA

Sequences with a single underline indicate the added restriction endonuclease site sequence, while the double underlined sequences indicate the homologous region with pCAMBIA1300.

Supplementary Table S2. RT-qPCR primer sequences

Primers name	Primer sequence (5'-3')	Production length
qTPNRBV1-F	TGTGCGACGGACTCATTCTC	183
qTPNRBV1-R	TCAAGCATGCGAGTTTCCCT	
qTPNRBV2-F	CCCGTCATCGATACGCTCAA	167
qTPNRBV2-R	TACCTGGGGGAAGGTCTGAA	
qTPNRBV3-F	GATCGTCCTTCCCGATCTGC	161
qTPNRBV3-R	GTGCAGGCGTTCGCTTATTG	
qTPNRBV4-F	TTGGTTCGCTGTCCACCATT	171
qTPNRBV4-R	GAGCTGAAGCTGACGCATGA	
CsPTB-F	ACCAAGCACACTCCACACTATCG	105
CsPTB-R	TGCCCCCTTATCATCATCCACAA	
CsEF1-F	TTGGACAAGCTCAAGGCTGAACG	110
CsEF1-R	ATGGCCAGGAGCATCAATGACAGT	