Table S1: List of primers used in this study

Table S1. Primers used for the different experiments on the characterization of the wheat *TaVRN2* gene.	
Primers used to clone genes and promoters of *TaVRN2*.	
TaVRN2-F	5'-ATGTCCATGTCATGCGGTTTGT-3'
TaVRN2-R	5'-TTACCGGAACCATCCGAGGTGAA 3'
TaVRN2-F2	5'-GTTAAGCTTGGGGGAGAAGAGTCC-3'
TaVRN2-R2	5'-GGTGGTGGTGGTTGCCTTG-3'
Primers used for the generation of construct used to overexpress *TaVRN2* in *Arabidopsis thaliana*. The restriction enzyme cutting sites used for cloning are underlined.	
TaVRN2-F3	5'-C<u>GGATCC</u>TATGTCCATGTCATGCGGTTTGT-3'
TaVRN-R3	5'-AG<u>GAATTC</u>TTTACCGGAACCATCCGAGGTGA-3'
Primers used for qRT-PCR analyses of transcripts expressed in wheat.	
TaVRN-B2/D2-F4	5'-CCGACACATGGCTCACCTAGTG-3'
TaVRN-B2/D2-R4	5'-TTGCTTCATTGCTAATAGTGTTTGT-3'
TaVRN-A2-F5	5'-CGACCCATGGCTCACCTAGT-3'
TaVRN-A2-R5	5'-TTGCTTCATTGCTAATAGTGTTGGT-3'
TaVRN2-PROBE	5'-GGCAAGAGCCCACATCGTGCCATTT-3'
Primers used for RT-PCR analyses of transcripts expressed in *Arabidopsis thaliana* and in wheat.	
AtCBF1-F	5'-TGGAAGCTATTTATACACCGGAAC-3'
AtCBF1-R	5'-GTACAAAAATGGAAACGACTATCGAAT-3'
AtCBF2-F	5'-ACCTTGGTGGAGGCTATTTATACG-3'
AtCBF2-R	5'-CATTTGCATTTGACAACAACTTTTACC-3'
AtCBF3-F	5'-CAGAGCGAAAATGCGTTTTATATGCA-3'
AtCBF3-R	5'-TAATTTACACTCGTTTCTCAGTTTTACA-3'
AtCOR6.6-F	5'-GTGTTAACTTCGTGAAGGACAAG-3'
AtCOR6.6-R	5'-CAAACGTAGTACATCTAAAGGGAGA-3'
AtCOR15a-F	5'-GATACATTGGGTAAAGAAGCTGAGA-3'
AtCOR15a-R	5'-CGGTGACTGTGGATACCATATCTT-3'
AtCOR78-F	5'-GTTGAAGAGTCTCCACAATCACTT-3'
AtCOR78-R	5'-AATCCAATGATTTTACCCACTTTAGAC-3'
AtFCA-F	5'- AATGTACCTGGACCGAGCATACCT-3'
AtFCA-R	5'-CTGCTGAACTTGTTGTGGTTGTTG-3'
AtFLC-F	5'-CGGTTGAAATCAAAATCCAAAACA-3'
AtFLC-R	5'-CACACGAATAAGGTACAAAGTTCATC-3'
AtFVE-F	5'-ATGCAGATACTAACTGGGCACCAA-3'
AtFVE-R	5'-AATCTGTCCCAATCGTTGTGATGT-3'
AtSOC1-F	5'-ACCATAGATCGTTATCTGAGGCAT-3'
AtSOC1-R	5'-GAAGAACAAGGTAACCCAATGAAC-3'
AtFT-F	5'-TAGTAAGCAGAGTTGTTGGAGACG-3'
AtFT-R	5'-GGGAAGGCCGAGATTGTAGAT-3'
Actin2-F	5'-TCAGATGCCCAGAAGTGTGTT-3'
Actin2-R	5'-CCGTACAGATCCTTCCTGATAT-3'
TaVRN2 forward	5'-GGCGGCCGACACATGGCTCA-3'
TaVRN2 reverse	5'-TGGGCAGGCCCCACCATCATC-3'
TaVRT2 forward	5'-GTGGCCGTTGCCGAAGCTGAAAAT-3'
TaVRT2 reverse	5'-CGCGCCATGCAAATGGAGACATAAAACGA-3'
TaVRN1 forward	5'-GCTGAAGGGCTTCCAGCCCATATAAG-3'
TaVRN1 reverse	5'-TACATGGTAAATTGAGCCCAGCTGGG-3'
18S forward	5'-AGTTAAAAAGCTCGTAGTTGGACCT-3'
18S reverse	5'-GTTTATGGTTGAGACTAGGACGGTA-3'