

Table S1: List of qPCR primers for *Pruav*AQPs.

Gene	Forward Primer (5' - 3')	Reverse Primer (5' - 3')
<i>Pruav</i> PIP1;1	AGGGAAAGAAGAAGATGTGAGG	GTGATGTAGAGGAACAAGAAGGTG
<i>Pruav</i> PIP1;2	CCTGGTTTCCTTTCGTTTTTA	AATGGTCGGTGTTATTTCTGA
<i>Pruav</i> PIP1;3	GCTTGGGATGACCATTTGGATC	AGGAAAATTAGCCCCTGGACTTG
<i>Pruav</i> PIP2;1	GATATAGTCAGGTTGAAAAGGGA	GAAGAAAGGAGGAGAGATGGA
<i>Pruav</i> PIP2;2	ATTCTGAGAGCAGGAGCCATTA	CTTTGAGCCCTTGAGAGAGACA
<i>Pruav</i> PIP2;3	GGGTTTGCTGTGTTTATTGTG	GCTCCTGCTCTCAGTATGTATTG
<i>Pruav</i> PIP2;4	CTTTGGTCCTGCTGTGATTTTC	CTTCCTTTTTTCATCTCCCTCTCT
<i>Pruav</i> NIP1;1	CAAACCCAACCAAGAATCAAGCAG	ACCATCACAACCAGTCCCCAAA
<i>Pruav</i> NIP2;1	AGCACATACTACAAGGGAATCTGG	CAAATGAGCGTGCTGGAGGT
<i>Pruav</i> NIP4;1	CGTGGTATTTATCGGGTGTGG	GCGAAAGATGGCAAAGGTG
<i>Pruav</i> NIP4;2	CCAGGAACCAATACAAGCGA	CACAGCCACCGAACCACAC
<i>Pruav</i> NIP5;1	GCAGGACCTATTGTGAATGAGAA	TATTATGTAGAGGGGACTTGGG
<i>Pruav</i> NIP5;2	AAGTGCTTGCTGTGAAGGC	ATGAGGATGAAGGTTCCGACAA
<i>Pruav</i> NIP6;1	CAGAAGCAGTGGGATTGGTAG	AAGTGAGACAGGAGGGTGAGG
<i>Pruav</i> NIP7;1	ATCAAGAAATGGGCTCTAATGC	ATAAAAGTCCCCACCATCTCTG
<i>Pruav</i> TIP1;1	GGTCACATTACCGTCTTCCG	AGTATCCCACCCCACTTGC
<i>Pruav</i> TIP1;2	CTGGTGGTGCGTTTGATGGT	TTGTTGGGTAGGGGTTCGTG
<i>Pruav</i> TIP1;3	ACTGACGGTGCTTCAACGAC	CAAGACAGACCTGACGAGAGAGAT
<i>Pruav</i> TIP1;4	AACATTTTGGCGGGTGGGG	AGTAATCAGCGGTGCGGAGTGG
<i>Pruav</i> TIP2;1	GCACCCTTAGTCAACGAGTATT	GCCTGGCTTCACCAACTTC
<i>Pruav</i> TIP2;2	AGGGTTCACTGGGAATCATAGCA	AATGAAAATGTCACCATAGACGAGC
<i>Pruav</i> TIP3;1	GATAGCGGCACATCAGCAGC	GCCACAATAGCCCCAAGGAG
<i>Pruav</i> TIP5;1	CTGTTGTGGGCTCTATGATGTC	CCATCTGAGAAATCCAATAGCA
<i>Pruav</i> SIP1;1	TTTCACAGTCATCATCGCCTCG	GCAGTGGTGGAGGGGTTGAA
<i>Pruav</i> SIP1;2	ACTCAAGGGTCTCGTAGCC	CTATGAAAGGGCAAATCCAAT
<i>Pruav</i> SIP2;1	CTGTGATGGGATGGGCTTATG	TCTACCTTTTCCTCTTTTATGTGTG
<i>Pruav</i> XIP1;1	GTGGGCATAACAGTGGCTTT	GCCGTCCCTGTGATTGTTAT
<i>Pruav</i> XIP2;1	ACCAATGGGGCTAGGAGTTT	CTTACCAATGCAGGGCCTAA