

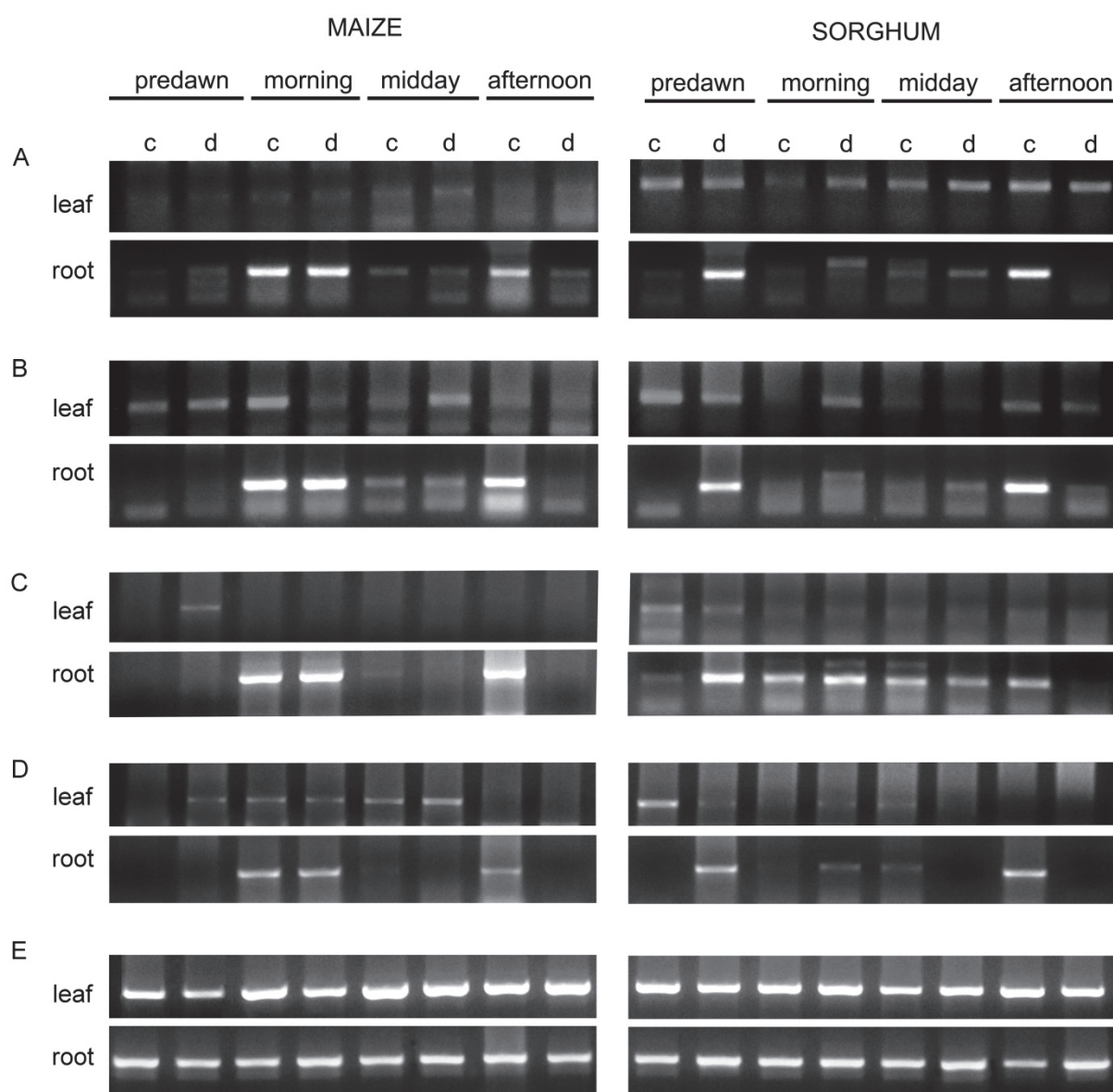


Fig. 1 Suppl. Semi-quantitative **RT-PCR** amplification of aquaporin genes from RNA samples extracted from leaves and roots of maize and sorghum control plants (c) or after drought treatment for 10 d (d). *A* - *PIP1;5*, *B* - *PIP1;6*, *C* - *PIP2;3*, *D* - *TIP1;2*, and *E* - *18 SrRNA*.

Table 1 Suppl. Primer pairs used for amplification of different aquaporin genes of maize and sorghum (^A - for sorghum only, ^B - for maize only).

Gene name	Forward primer 5' to 3'	Reverse primer 5' to 3'
<i>PIP1;5</i>	CATGCAGTGCCTGGGCGC	GTGCCGGTGATGGGGATG
<i>PIP1;6</i>	GTGCCTGGGCGCCGTCTG	GATGGGGATGGTGCCGAG
<i>PIP2;3</i> ^A	GGCATCTCAGGTGGGCAC	GCCAACACCGGGACGTGGG
<i>PIP2;3</i> ^B	ATGGCGAAGCAGGACATCGAAG	CCCGCCGCCGGACTTATTAGG
<i>TIP1;2</i>	GCTCATCTTCGTCTTCGC	AGACGGCGGGGTTCATGG