

Table 1 Suppl. Forward and reverse primer sequences, corresponding annealing temperatures and amplicon sizes for each combination used for gene expression analysis.

Gene	Sequence (5'-3')	Annealing temp. [°C]	Size [bp]
<i>PdGI</i>	F: GATGCATTTGCATTTCTTGC R: GCTTCAACAGTGGCAACAAA	55	512
<i>PdCO</i>	F: TGCCAGTTCAGATGCAGAAA R: CTGCATAGGCCTTCCTTGAG	58	307
<i>PdFT</i>	F: CGGATATACCAGCAACAACG R: TCTTCTCCTCCCTCCAGAGC	58	226

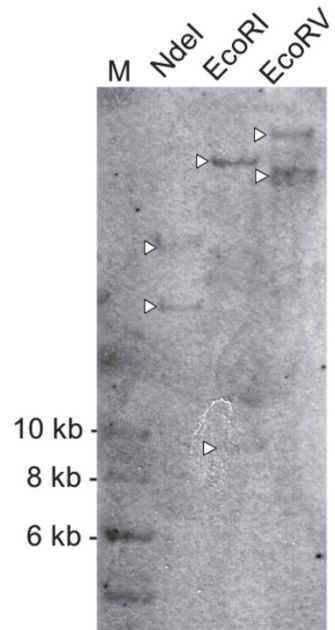


Fig. 1 Suppl. Southern blot analysis of almond genomic DNA using *PdGI*-specific sequence as probe. White arrowheads highlight the location of the bands generated after hybridization with the probe. M - *GeneRuler* DNA ladder mix (*Fermentas*).

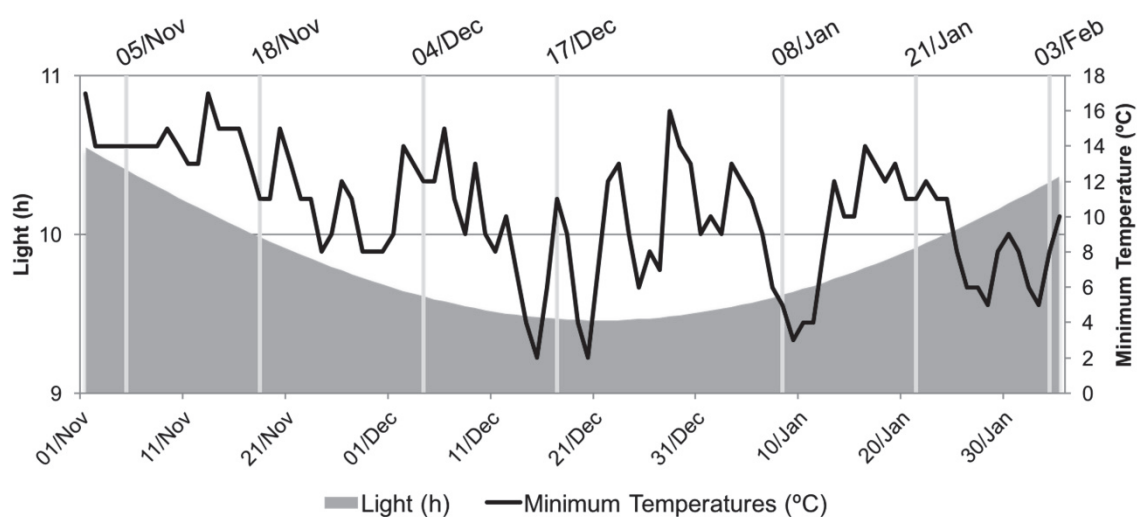


Fig. 2 Suppl. Minimum temperatures and number of hours of light recorded during and between field sample collections for gene expression analysis (see main text Fig. 4).

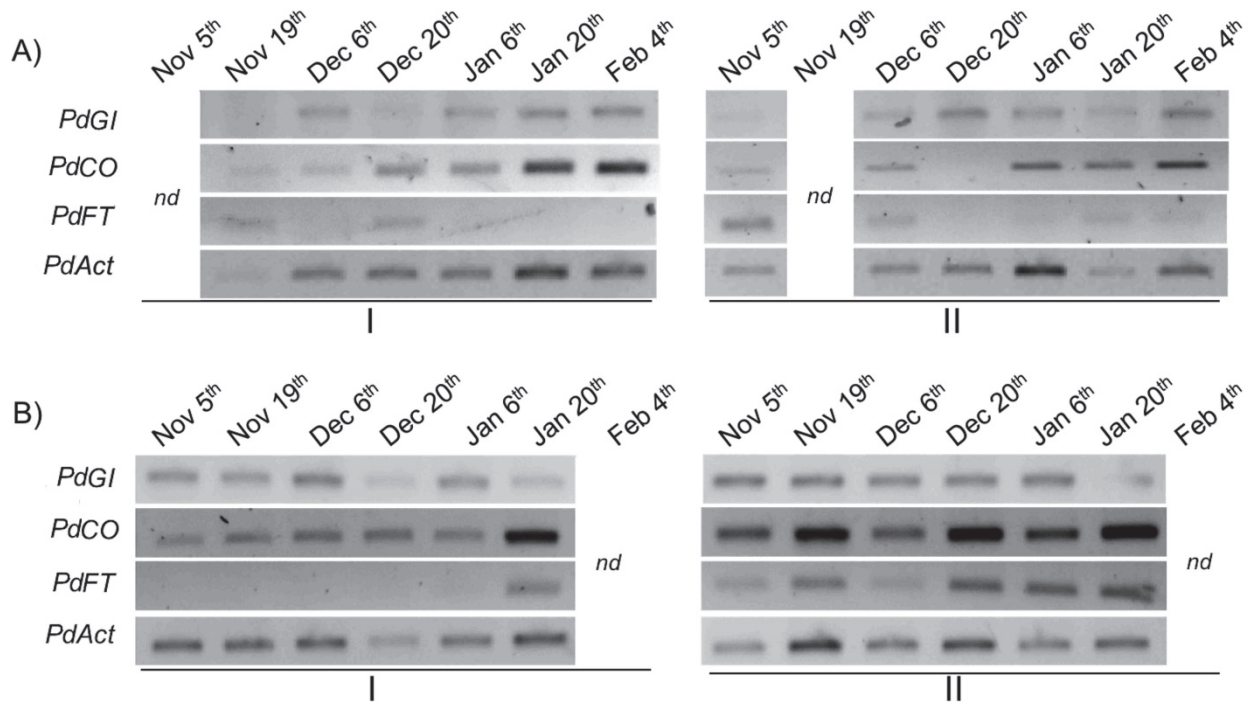


Fig. 3 Suppl. Seasonal gene expression patterns of *PdGI*, *PdCO*, and *PdFT* determined by semi-quantitative reverse transcription (RT)-PCR, in flower buds (A) and current-year shoot internodes (B), collected from two representative almond trees (I and II) in the year following the first gene expression study (see main text Fig. 4). Expression of *PdActin* was used as housekeeping gene.