

Primer sequences and Reverse Transcription-PCR conditions

Table 1. Primer sequences of *Plantago ovata Metallothionein 2 (PoMT2)*

Name of gene	Forward primer	Reverse primer
<i>PoMT2</i>	5` ATGTCTTGCTGCAACGGAAACT 3`	5` CTATTTGCAATTGCATGGATTG 3`

Table 2. Reverse transcription-PCR conditions used in the expression analysis of *PoMT2*

Reverse transcription	Temperature	50 °C	-
	Duration	30 min.	
Initial denaturation	Temperature	95 °C	-
	Duration	15 min.	
Denaturation	Temperature	94 °C	 25 Cycles
	Duration	1 min.	
Annealing	Temperature	55 °C	
	Duration	30 sec.	
Extension	Temperature	72 °C	
	Duration	1 min. 30 sec.	
Final extension	Temperature	72 °C	-
	Duration	10 min.	