

Table S1: Primers used for quantification of mRNA levels by qRT-PCR

Gene	Gene accession	Forward*	Reverse*
SOD	Ppa010748m	CTCACTCAAGTCCAGCAACGCA	GAGAAGGTTTGAAAGCCACGGG
PAL	Ppa002328m	TTGGCTCTGGTTTGGCTTCTAT	TCTGTCTTGCTTAGGCTTCTGA
POD	Ppa010426m	GAAGTTTCCGATTCTCTCATAC	TGGTGGCGGTTCTTGTTTGT
POD-1	Ppa010431m	CTCGTATTTCACGGTGCTCCTG	CGGAAGACAGGGTCAGACAGAA
CAT	Ppa004763m	GGCTTATCTCTGCTCTCTCACC	ACGCTCTGGGATTCGTTCTCTA
APX	Ppa010673m	TTGTGCTCTACTCGTGCCACTCCA	CTTGTA CTCTCGCTCACGGTAGG
TEF2	Ppa001367m	GGTGTGACGATGAAGAGTGATG	TGAAGGAGAGGGAAGGTGAAAG

*Primers are indicated in the 5'→3' direction