Supplementary Table S2: Primers and universal probe library probes (Roche Applied Science) that were used in the Q-PCR reactions.

All primers were designed using the on-line Assay Design Center (Roche Applied Science). Marker genes were selected on the basis of references 14 and 23. All PCR reactions were performed in triplicate and on material from 2 different experiments. Data were analysed using qBase [version 1.3.5; Hellemans et al. (2007) Genome Biol. 8: R19]. All transcript levels were normalised using actin-related protein 7 (at3g60830) as a control gene.

H_2O_2-specific genes

		bp	PL# Roche	Left primer	Right primer	amplicon
at1g49150	unknown protein	447	77	gccgttttggtactcctgtc	gaccaccgacgaaaagacc	60
at1g62380	ACC oxidase 2 (*ACO2*)	963	73	cagatgtgtctgatgaatacagga	ccctagattctcacacagtagatcc	101

$^1O_2$-specific genes

		bp	PL# Roche	Left primer	Right primer	amplicon
at5g10830	putative embryo-abundant protein (EAP-like)	786	87	ctgatctcaccgatcaccac	tctcgtaatgctctgcaacg	87
at3g61190	BAP1	579	152	taaaccggagacccatcaag	tcgacatttctcgtcgatttt	62

control

		bp	PL# Roche	Left primer	Right primer	amplicon
at3g60830	actin-like protein 7 (*ARP7*)	1092	147	actcttcctgatggacaggtg	ctcaacgattccatgctcct	108