

Supplementary Material

Table S1. Nucleotide sequence of defence transcript-specific primers.

Transcript	GenBank accession No.	Forward primer	Reverse primer	RT-PCR product size (bp)
Class III plant peroxidase (<i>POX</i>)	EU490185	5'-GGCTCCGGTGACAACAAC-3'	5'-AGTTGATCCTCCTGCAGTTCA-3'	272
Phenylalanine ammonia lyase (<i>PAL</i>)	X99725	5'-TCTCTTGGTCTCATCTCCTCAAG-3'	5'-GGTCGATTGTGAGCAGAAGG-3'	241
Non-expressor of pathogenesis-related genes-1 (<i>NPRI</i>)	AX351127	5'-GAGCTTGTCAGGATGCTGCT-3'	5'-CACCTTTGGTTAAAAGGGAGA-3'	219
β -1,3-glucanase (<i>GLC1</i>)	U30323	5'-CGGACCTGCAGAACAACA-3'	5'-TAACTGGGGTCGCTGGAG-3'	201
Actin (<i>Act1</i>)	AB181991	5'-GCCCTTGATTATGAGCAGGA-3'	5'-GCAATTCCAGGAAACATGGTA-3'	270

Figure. S1. Apototic like programmed cell death (AL-PCD) and necrotic morphology in cell suspension cultures of *Arabidopsis thaliana*. (A) Living cells from a seven day old suspension culture stained with FDA and viewed under white and fluorescent light; (B) AL-PCD cell from a seven day cell suspension culture after cell death induction at 54 °C (10 min), showing condensation of the protoplast and no FDA staining; (C) Necrotic cells from a seven day cell suspension culture after cell death induction at 75 °C (10 min), showing no specific cell death morphology and no FDA staining. Scale bar = 30 μ m.

