

Table S6 List of the ROS alleviation and photosynthesis related genes for which expression levels were altered in type III necrosis lines as inferred by microarray analysis

Gene	up-regulated (>3-fold)		down-regulated (<1/3-fold)	
	number of genes	mean log2 ratio	number of genes	mean log2 ratio
<i>ROS alleviation related</i>				
alternative oxidase	1	2.31	0	-
catalase	1	1.75	0	-
<i>Photosynthesis related</i>				
molecular mass early light-inducible protein	1	4.71	0	-
psbE	0	-	1	-1.66
ndhB	0	-	2	-1.72
chloroplast chlorophyll a/b binding protein	0	-	1	-1.8
psaB	0	-	1	-1.82
chloroplast cytochrome f	0	-	1	-1.88
psbB	0	-	1	-1.88
PSII 10-kD protein	0	-	2	-4.5