

Supplementary Material

Active defence by an Australian native host, *Lomandra longifolia*, provides resistance against *Phytophthora cinnamomi*

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Table S1. Primer sequences of tested genes

Name	Oligonucleotide sequence (5' to 3')	PCR product size (bp)	Sequence availability
<i>CalS5_F</i> (Contig_57681)	ATGATGACTCCCACAGCAGC	165	All the sequences are available in NCBI at Transcriptome Shotgun Assembly (TSA) database under accession number GFBB00000000
<i>CalS5_R</i> (Contig_57681)	CTGGTTGACGTGCCTCATCT		
<i>CalS7_F</i> (Contig_11336)	CGTTCGACCACCAACCAAAC	154	
<i>CalS7_R</i> (Contig_11336)	GATTATCGCTGCGACCTGGA		
<i>ChS_F</i> (Contig_438)	GTGGGACTGCTATCCGCTAC	154	

<i>ChS_R</i> (Contig_438)	CGTCCCCGAAAAATGCAGTG		
<i>PAL_F</i> (Contig_227)	ACTTCTCCTTCACACTCGAG	188	
<i>PAL_R</i> (Contig_227)	GAGGCTGGCTGCTTGGATTA		
<i>GST_F</i> (Contig_254)	ACCCTTGCAGCTCCACTTAC	192	
<i>GST_R</i> (Contig_254)	ATTCTCCACGGCCACTCTTG		
<i>Actin_F</i> (Contig_65)	GCATATCCGGTCTTCTTGGA	183	
<i>Actin_R</i> (Contig_65)	GCATGCCTGTTGGATCTCTT		

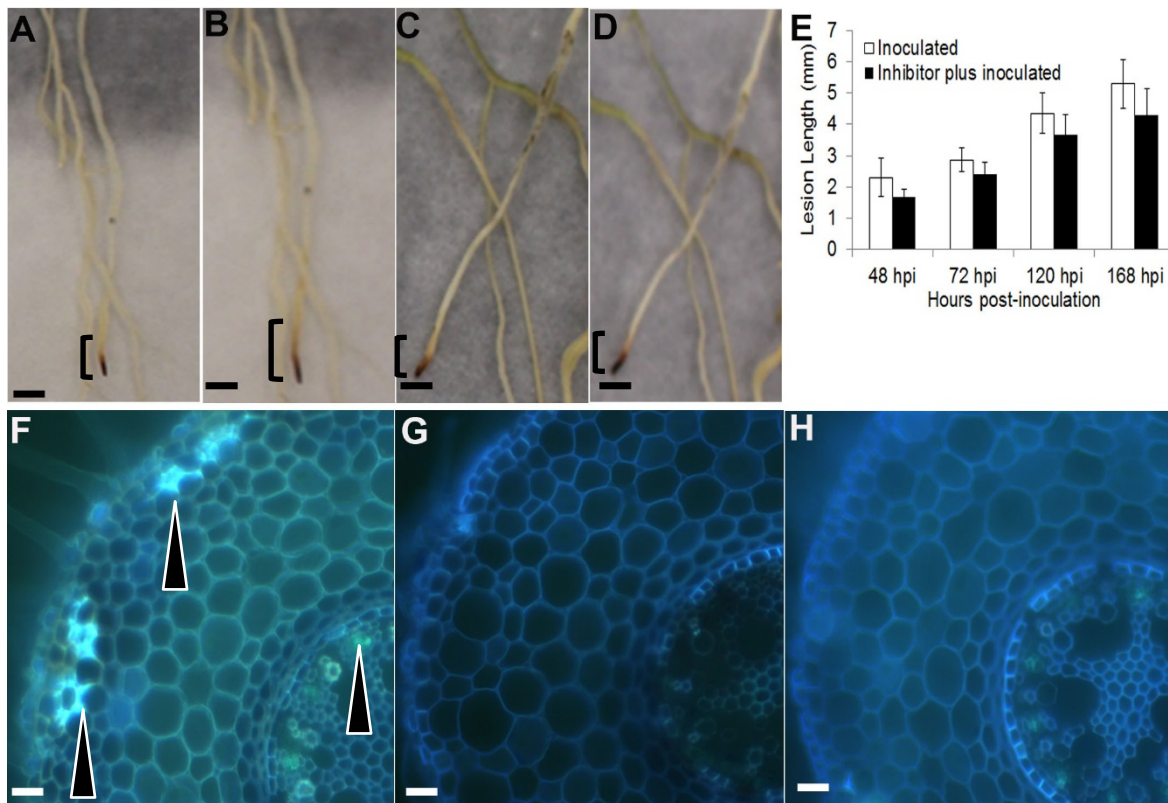


Fig S1. Lesion formation in callose inhibitor (2-DDG) treated *L. longifolia* roots inoculated with *P. cinnamomi*. (A) Lesion at 72 hpi in the absence of inhibitor. (B) Lesion at 120 hpi in the absence of inhibitor. (C) Lesion at 72 hpi in the presence of inhibitor. (D) Lesion at 120 hpi in the presence of inhibitor. Lesion areas are highlighted by square brackets. Scale bar = 0.5 cm. (E) Lesion length (mm) in the presence or absence of inhibitor. (F) Transverse section of inoculated root at 72 hpi showing callose production (arrowheads). (G) Transverse section of 2-DDG treated and inoculated root showed no callose production. (H) Mock inoculated control root section showed no callose production. Scale bar = 50 μ m. Data shown are the mean of three independent experiments and bars represent one standard error of the mean.