Tab. S1 *D. nobilis* membrane oxidation qPCR primer sequences

Gene number	Primer name	Primer sequence (5′→3′)
EVM0009020	*D. nLOX-1*-F	CAAACGCAGCTGGAAAGTTC
	D. nLOX-1-R	TGGGTGTAGTTGGTGAGGA
EVM0015302	*D. nLOX-2*-F	CCGCTATCCACCCCATTTG
	D. nLOX-2-R	CGTGAAGTCCTTGATCGAGTC
EVM0010774	*D. nLOX-3*-F	GTGTTCCTGTGCATGTTTAACC
	D. nLOX-3-R	GGTCCTCGTCATATTTTGCCC
EVM0002653	*D. nPOD-1*-F	GACAACTCATCCTTCAACTTGG
	D. nPOD-1-R	CGAAGTAGATGTCCGCACG
EVM0012053	*D. nPOD-2*-F	TTATAAGCGTCCTGGTCATGG
	D. nPOD-2-R	GTCATAGGAAATGTTGCGGC
EVM0013784	*D. nPOD-3*-F	GCGAGCACAGCATAAACAAG
	D. nPOD-3-R	AGACACCATCCAAGAAACCG
EVM0013010	*D. nCas7*-F:	GATGTTATCCTGTGGAGCGG
	D. nCas7-R:	GTCTGGTTTTGGTTCTGCTTG
EVM0003630	*D. nCas9*-F:	GCTGTATTTTGGTTGCGTCTG
	D. nCas9-R:	TCCTTGGTTTCCTATTCTGGC
EVM0006724	*D. nCas6*-F:	GTACAAAACCCGAAGCTGTTC
	D. nCas6-R:	GTGTATCTCCCCTTGGTCAATG

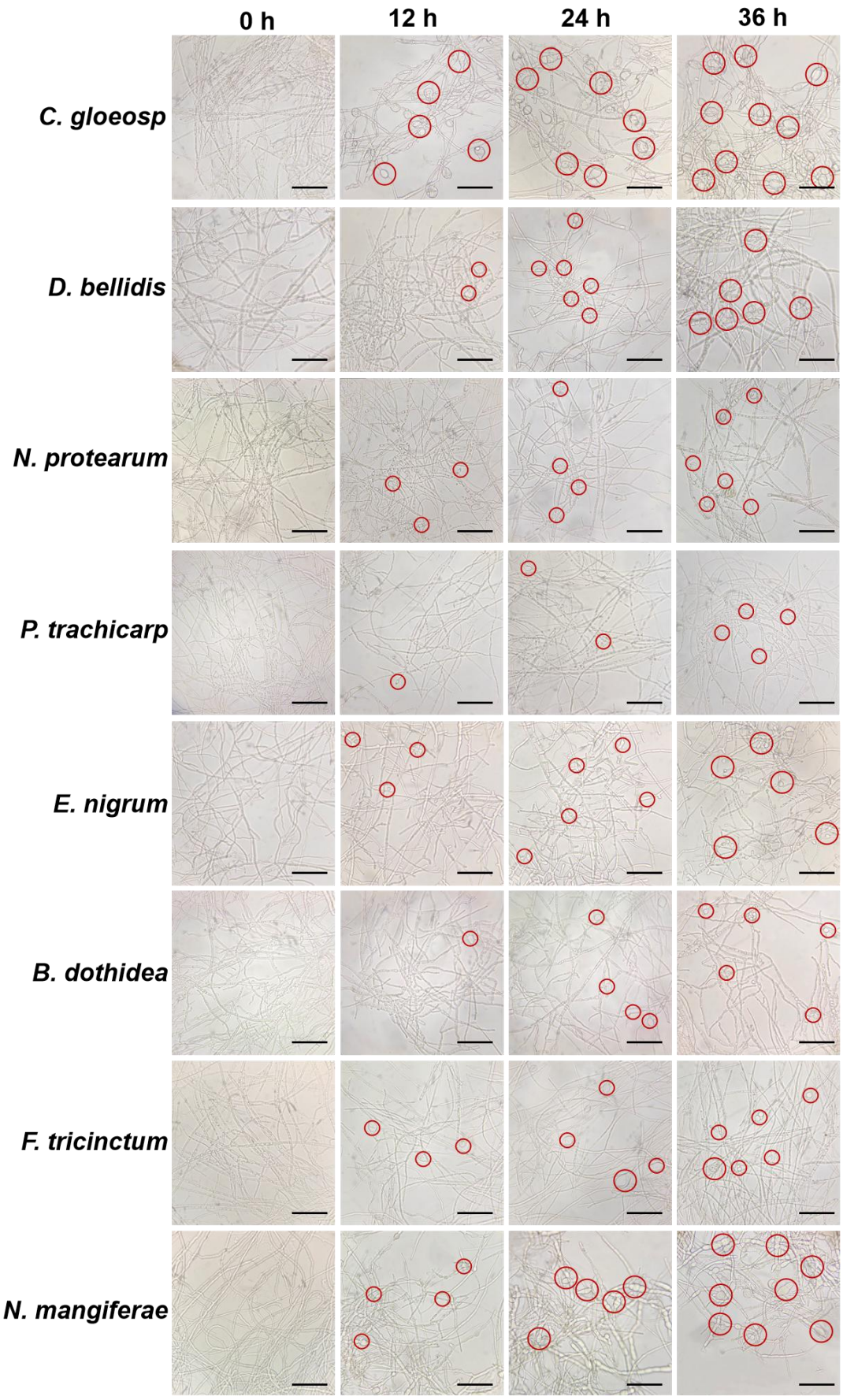


Fig. S1 Effect of CFS on mycelial morphology of pathogenic fungi

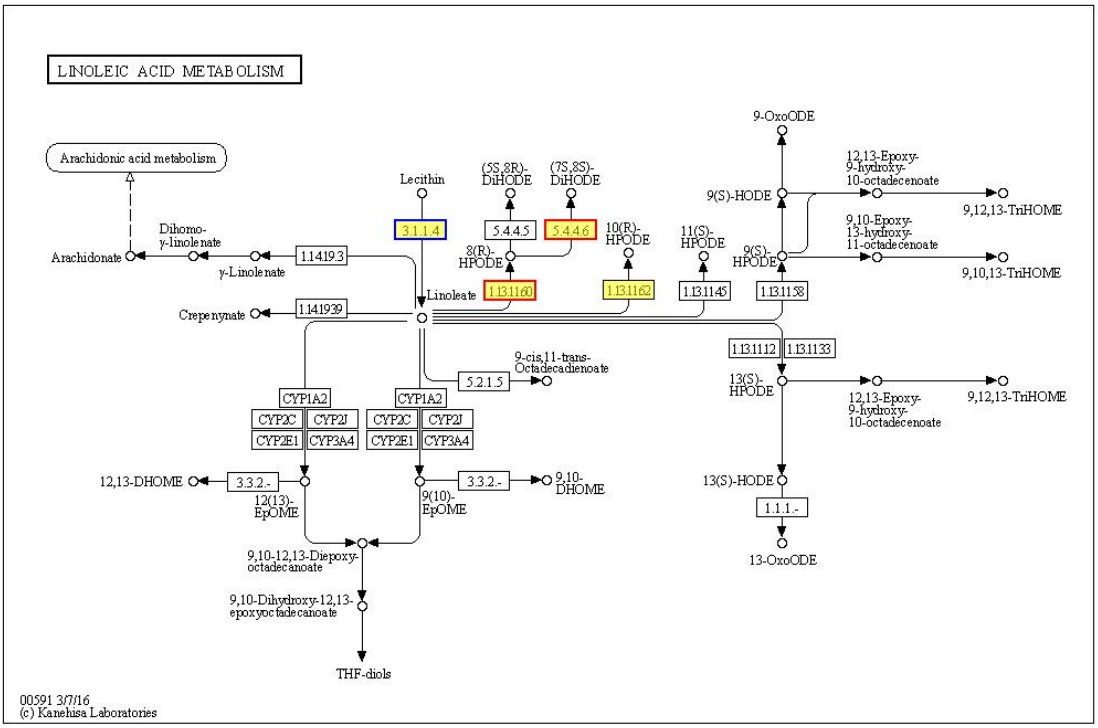


Fig. S2 Linoleic acid metabolic pathway

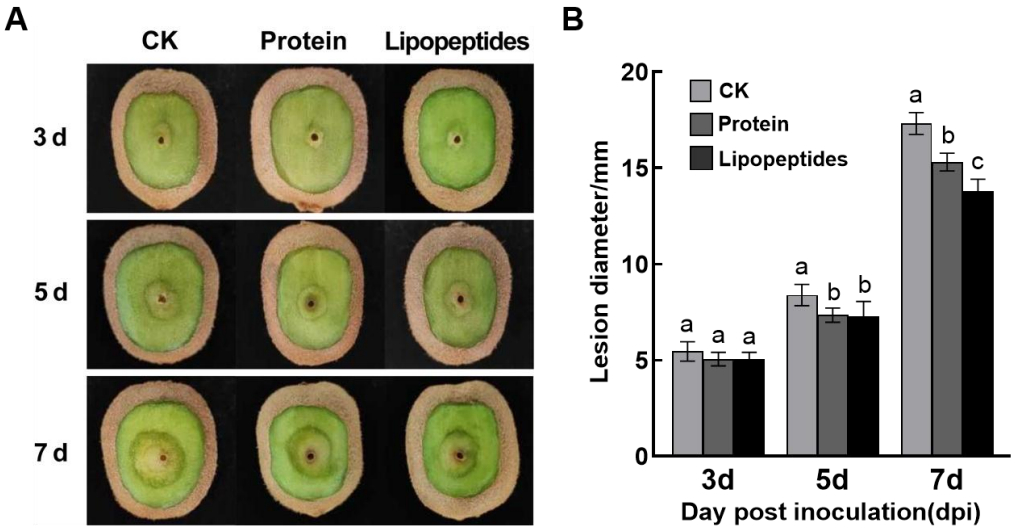


Fig. S3. The inhibitory effect of crude extracts on kiwifruit soft rot and the diameter of pathogens. (**A**) Photographs of diseased fruits were taken 3, 5, and 7 days after treatment. (**B**) Quantification of lesion diameters. Histograms with different letters indicate significant differences according to Duncan's multiple range tests at $p < 0.05$.