

Table S1: Primers used to delete and analyze the Set7 coding sequence in *V. dahliae*.

Name	Sequence	Purpose	Number
Set7.ko-LB_F	<i>GGTCTTAAUTGAGCTTGACAGTTCAGTTGTCG</i>	Amplify left flanking sequence	1
Set7.ko-LB_R	<i>GGCATTAAUAAGTTGTGTTGTCAGCGTCATA</i>	Amplify left flanking sequence	2
Set7.ko-Rb_F	<i>GGA</i> CTTAAUATCAAGTCCGCCTACTTTCCAAG	Amplify right flanking sequence	3
Set7.ko-Rb_F	<i>GGGTTTAAUGTGGAGAATCGTCTGGGGTTATC</i>	Amplify right flanking sequence	4
Set7_Confirm_F	CCTCCAGCTCCTGAAGAAGAA	Confirm gene replacement (selection)	5
Vector_Reverse	GGAGTCGCATAAGGGAGAGCG	Confirm gene replacement (selection)	6
Set7.ORF.270_F	TCACAGCCGCTACATCAATCA	Confirm ORF is absent in KO	7
Set7.ORF.270_R	TCGTGTTGAACCTCCTTGGAC	Confirm ORF is absent in KO	8

Italic sequences at the 5' ends represent adapters added for USER cloning