

Supplementary Materials

Article title: **Pre-Exposure to Volatile β -Ocimene Enhances Tomato Antiherbivore Resistance Against Polyphagous Lepidopteran Pest *Spodoptera litura* (Fabricius)**

Supporting Information:

Table S1

Figure S1

Table S1 qRT-PCR primers for qRT-PCR

Gene name	Primer sequences
<i>GGPPS3</i>	F: 5'- GGGATGCACTTCTTGCATTAG -3' R: 5'- CTACAACCTGACCAGCTACAA -3'
<i>SSU I</i>	F: 5'- GGACAGCTAGAAGGCCAATATC -3' R: 5'- GCTCCACATGCATGAATTTCC -3'
<i>SSU II</i>	F: 5'- TCGAGTCCTCCGGGTATTATTA -3' R: 5'- CACTCACCCATTTACCATATTTTC -3'
<i>FPPI</i>	F: 5'- TCTTCGCAACCACATCACCA -3' R: 5'- CCAGAGGCAGTCTGGAAGTC -3'
<i>TPS3</i>	F: 5'- ATTCGTTGGCCTGCTACGAT -3' R: 5'- CCTCTTCTTCACTTGCCCCA -3'
<i>TPS4</i>	F: 5'- TCACTCTTGCTGTTCAAAGATGG -3' R: 5'- TGAGAACCTCATACGCCACG -3'
<i>TPS5</i>	F: 5'- ACAGTTCCAAGGACGAGCAT -3' R: 5'- GTGCCAAAGTGGATTTTGTGGT -3'
<i>TPS7</i>	F: 5'- ACACGCTGAAAAGTGCAACA -3' R: 5'- AGTTCCAAAGCATGGACCACT -3'
<i>TPS8</i>	F: 5'- TGGACGATATGTCTTCCCACT -3' R: 5'- GGCACAAGTCCCATATCGATTTC -3'
<i>TPS9</i>	F: 5'- ATCCAGAGATGGGATGCTAATG -3' R: 5'- CACGGTCCAGTTTACCTTCTT -3'
<i>TPS25</i>	F: 5'- ACCGTTGCCATAGAGAAGTGG -3' R: 5'- GCTTTACAGAAGTTGACCCACAC -3'
<i>TPS27</i>	F: 5'- CCACTGCATTGGAAGGTGGA -3' R: 5'- TCTGATGCTCAGCTTGAACCA -3'
<i>TPS31</i>	F: 5'- GAGATTGTTCCGCCCTGTTGC -3' R: 5'- CAGCCAATGTTTTTCCTGACAT -3'
<i>TPS32</i>	F: 5'- ATGGCCCTACTTAACAACCAAGA -3'

	R: 5'- TTCCACAGGCAGCATCAGAC -3'
<i>TPS36</i>	F: 5'- AAGATCTGGACCTGGCAAGC -3'
	R: 5'- TTGCGCGACTATACTGAGGC -3'
<i>TPS38</i>	F: 5'- GAAGCAGTGGGCTAACCTGT -3'
	R: 5'- GTACAGGACCGGTGTTGGTT -3'
<i>OPR3</i>	F: 5'-ATGTTGGTCGTGCATCTCAT-3'
	R:5'-GGTTCCAATTGCTCTTGGTT-3'
<i>Actin</i>	F: 5'-TGGTCGGAATGGGACAGAAG-3'
	R: 5'-CTCAGTCAGGAGAACAGGGT-3'

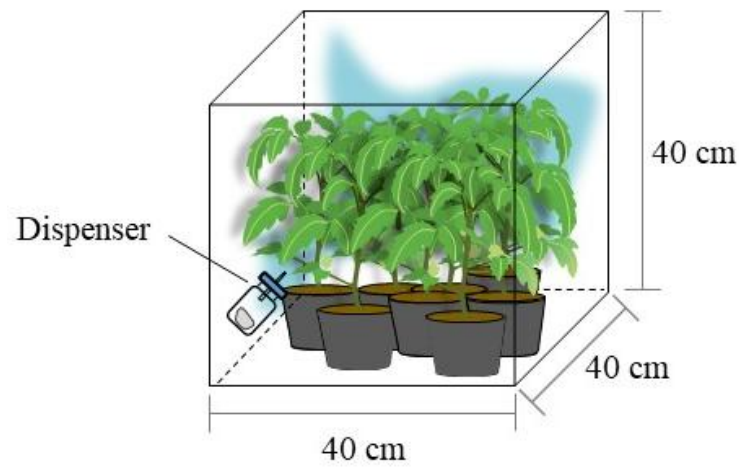


Figure S1 Experimental design for pre-exposure to β -ocimene to antiherbivore defense in tomato plants.