

Supplementary Table S1. VOCs induced by Bastid[®], chitosan, an oligogalacturonide (OG), and Bion[®]: List of VOCs selected when induced (FC > 1.5) at least twice over the experiments repeats (Bastid[®] and OG: 3 repeats, chitosan: 2 repeats, Bion[®]: 1 repeat). Coloured boxes indicate elicitor / H₂O averaged ratio at 1-, 3- and 5-days post treatment (D1, D3 and D5): Fold change (FC) wide range: ■ : < 1.5 (not induced); ■ : 1.5 - 10²; ■ : 10² - 10³; ■ : 10³ - 10⁴; ■ : 10⁴ - 10⁵; ■ : > 10⁵; □ : not detected. Fold changes and day discrimination significance were determined from the repeated experiments and averaged (right columns). Frequencies of ratios FC > 1.5 were summed for each day post-treatment (D1, D3 and D5) from the 3 separated experiments and symbolized as follows: none = never detected induced, ○ = 1, detected in one repeat with FC > 1.5 at the corresponding day post-treatment, ● = 2, detected in two repeats with FC > 1.5 at the corresponding day post-treatment and ● = 3, detected in three repeats with FC > 1.5 at the corresponding day post-treatment. Bolded listed VOCs are the significantly induced Bastid[®] ones (Table 1). CAS number (CAS #) of VOC is indicated.

Compounds	CAS #	Formula	Bastid [®]			chitosan			OG			Bion [®]		
			D1	D3	D5	D1	D3	D5	D1	D3	D5	D1	D3	D5
α-Farnesene	21499-64-9	C15H24	■	●	●			■	■	○	■	■	○	○
β-Caryophyllene	87-44-5	C15H24	■	○	○	■	○	■	■	○	■	■	○	○
Oxime-, methoxy-phenyl-	1000222-86-6	C8H9NO2	○	●	○			■	○	○	■	■	○	○
2-Oxo-4-phenyl-6-(4-chlorophenyl)-1,2-dihydropyrimidine	24030-13-5	C16H11ClN2O	■	■	○	■			■	●	○	■		
4,4'-bi-4H-pyran, 2,2',6,6'-tetrakis(1,1-dimethylethyl)-4,4'-dimethyl-	1000399-10-0	C28H46O2	○	○		■					■			
Toluene	108-88-3	C7H8	■		○	■		■	○	○	○	■	○	○
<i>cis</i> -α-Bergamotene	13474-59-4	C15H24		○								■	○	
Decane, 3,8-dimethyl-	17312-55-9	C12H26	■	○	○	■		■	○	○	■	■	○	○
1,3-benzenedicarboxylic acid, 5-(dimethylamino)-	1000400-59-0	C10H11NO4	○	○	○		■	■	○	○	■	■	○	○
Tridecane	629-50-5	C13H28	○	○	○	■		■	○	○	■	■	○	○
Decanal	112-31-2	C10H20O	■	○	○	■	○	■	■	○	■	■	○	○
Nonane, 2,2,4,4,6,8,8-heptamethyl-	4390-04-9	C16H34	■	○	○	■		■	■		■	■	○	○
3-Pentanamine	616-24-0	C5H13N		○	○	■		■	■		■	■	○	○
Carbazole, 2,4,6-trimethyl-	78787-89-0	C15H15N	○	○	○		■		■	○	■	■	○	○
Benzene, (1-ethyldecyl)-	2400-00-2	C18H30	○	○	○				○	○	○	■	○	○
n-Hexadecanoic acid	112-39-0	C16H32O2	○	○	○	■			○	○	○	■	○	○
Dodecane	112-40-3	C12H26	○	○	○				○	○	○	■	○	○
Nonanal	124-19-6	C9H18O	○	○	○			■	○	○	○	■	○	○
Undecane, 3,5-dimethyl-	17312-82-2	C13H28	○	○	○				○	○	○	■	○	○
Sulfurous acid, 2-ethylhexyl hexyl ester	1000309-20-2	C14H30O3S	○	○	○	■			○	○	○	■	○	○
α-Pinene	80-56-8	C10H16	○	○	○				○	○	○	■	○	○

4-Hexen-1-ol-acetate	72237-36-6	C8H14O2	
Cyclobutanol	2919-23-5	C4H8O	
Benzene, (1-butyloctyl)-	2719-63-3	C18H30	
Borane, diethyl(decyloxy)-	1000152-34-3	C14H31BO	
cis-muurolo-4(14),5-diene	157477-72-0	C15H24	
Decane, 2,3,8-trimethyl-	62238-14-6	C13H28	
Sulfurous acid, butyl decyl ester	1000309-20-2	C14H30O3S	
1,2-Benzenedicarboxylic acid, bis(2-methylpropyl) ester	84-69-5	C16H22O4	
Benzene, (1-methylundecyl)-	2719-61-1	C18H30	
1,3-Butadiene, 1,1,2,3,4,4-hexachloro-	87-68-3	C4Cl6	
Benzene, (1-propyloctyl)-	4536-86-1	C17H28	
Limonene	5989-27-5	C10H16	
Benzene, 1,3-dimethyl-	108-38-3	C8H10	
2,3,4,6-Tetrahydroisoquinolin-6-one, 1-[4-hydroxybenzyl]-7-methoxy-	128944-43-4	C17H17NO3	
Pyrimidine-2,4(1H,3H)-dione, 5-amino-6-nitroso-	1000270-67-7	C4H4N4O3	
3-Ethyl-3-methylheptane	17302-01-1	C10H22	
Acetic acid	64-19-7	C2H4O2	
Octadecanoic acid	57-11-4	C18H36O2	
N-Formylglycine	2491-15-8	C3H5NO3	
Triacontane	638-68-6	C30H62	
Bicyclo[7.2.0]undec-4-ene, 4,11,11-trimethyl-8-methylene-, [1R-(1R*,4Z,9S*)]- (cis-Caryophyllene)	118-65-0	C15H24	
β-ocimene	13877-91-3	C10H16	
2-Propanone, 1-methoxy-	5878-19-3	C4H8O2	
1,2-Benzenediol, o-(4-butybenzoyl)-o'-(2-methylbenzoyl)-	1000325-96-0	C25H24O4	
Piperazine-2,5-dione, 4-(4-methylbenzoyl)-	259228-04-1	C12H12N2O3	
Tetracosane	646-31-1	C24H50	
Methyl salicylate	119-36-8	C8H8O3	
4-Ethylbenzoic acid, 2-formyl-4,6-dichlorophenyl ester	1000331-31-6	C16H12Cl2O3	
Acetophenone	98-86-2	C8H8O	
Naphthalene, 2-methyl-	91-57-6	C11H10	
4-Undecene, 4-methyl-	61142-40-3	C12H24	
Benzaldehyde	78725-46-9	C7H6O	
4-Chlorobenzoic acid, 4-nitrophenyl ester	6264-29-5	C13H8ClNO4	

3-Benzoyl-2-t-butyl-4-isopropylloxazolidin-5-one	104057-68-3	C17H23NO3
Benzene, 1-isocyano-3-methyl-	621-29-4	C8H7N
Undecane, 6,6-dimethyl-	17312-76-4	C13H28
Benzaldehyde, 2,4-dichloro-	874-42-0	C7H4Cl2O
Succinic acid, 2,4,6-trichlorophenyl 2-naphthylmethyl ester	1000390-01-0	C21H15Cl3O4
5-Hepten-2-one, 6-methyl-	110-93-0	C8H14O
Undecane, 2,6-dimethyl-	17301-23-4	C13H28
Methenamine	100-97-0	C6H12N4
Tetradecane	629-59-4	C14H30
Acenaphthene	83-32-9	C12H10
1,1,5-Trimethyl-1, 2-dihydronaphthalene	1000357-25-8	C13H16
Naphtho[2,1-b]furan	232-95-1	C12H8O
Urea, 2-propenyl-	557-11-9	C4H8N2O

