Table S1 Metabolites profile and Pub Chem ID in Root exudates collected from Mycorrhiza treated and untreated guava plants

Sl.no	Pub Chem ID	R.T	Metabolites	*G. irregularis*	*G. mosseae*	Untreated control
1	7311	5.61	Styrene	-	2.34±0.89	-
2	1549992	6.14	2,5-Dimethoxy-4-(methylsulfonyl)amphetamine	-	-	2.17±0.87
3	545303	9.33	Cyclohexene,1-(2-methylpropyl)-	-	3.23±1.4	-
4	533866	9.601	2-Isopropoxyethylamine	2.34±1.33[a]	-	4.23±0.24[b]
5	543865	10.48	1,2,4,5-tetraethylcyclohexane	4.56±0.35[a]	3.87±0.35[a]	-
6	7311	13.28	2,4-Di-tert-butylphenol	6.46±1.74[a]	2.34±0.84[b]	-
7	763557	14.1	1-Methyl-4-benzylpiperazine	3.64±2.5	-	-
8	16215283	14.468	Bicyclo(7.2.0) undec-4-Ene,4,11,11-Trimethyl-8-methylene-,[IR-(IR*,4Z,9S*)]-	-	-	4.65±1.64
9	763557	16.25	Methyl (2-Naphthyloxy)acetate	-	-	3.33±1.35
10	5281515	16.374	Caryophyllene	0.82±0.12[a]	0.67±0.26[a]	5.34±1.36[b]
11	75084	17.05	Dodecyl acrylate	4.35±1.16[a]	8.67±2.56[b]	-
12		17.804	Alpha-bisabolol	-	-	3.25±1.12[a]
13	11005	18.45	Tetradecanoic acid	3.45±1.23[a]	2.87±0.89[a]	-
14	71326036	19.85	B-carotene			2.13±
15	176	19.99	Acetic acid	10.23±3.54[a]	8.49±2.45[a]	1.12±0.83[b]
16	610038	20.49	Geranyl Linalool Isomer-B.	-	-	0.89±0.24
17	5281	21.75	7,9-Di-tert-butyl-1-oxaspiro (4,5) deca-6,9-diene-2,8-dione	-	2.45±1.53	-
19	5281854	22.116	Propanoic acid, 2-(Aminooxy)	-	-	1.56±1.1
20	13387	25.15	2-Pyrrolidinone, 1-methyl-	3.34±1.13[a]	1.12±0.34[a]	-
21	23619611	25.16	2,4,6-Cycloheptatrien-1-one,3,5-Bis-Trimethylsilyl-			4.23±1.2
22	12408	25.29	[(z)-3-(pentadec-8-en-1-yl)phenol-	-	-	2.56±0.24
23	23741	25.48	Dianhydromannitol	-	3.45±1.56[a]	0.84±0.25[b]
24	5281	26.18	Octadecanoic acid	8.76±2.45[a]	6.78±1.87[a]	-
25	74138	27.12	1.3-benzene diol , 4,5-dimethyl	3.45±1.14	-	-

26	156989	26.85	1-Docosene	2.56±0.89 [a]	3.45±0.54 [a]	-
27	23494	27.57	tetradecyloxirane	-	7.34±1.34	-
28	442070	29.74	Nonacos-1-ene	4.56±1.12	-	-
29	292285	30.38	Phorbol	2.24±8.06	-	-
30	23494	31.25	Octadecane, 3-ethyl-5-(2-ethylbutyl)-	1.17±0.86	-	-
31	12408	31.3	Tetratetracontane	8.76±1.45 [a]	7.65±1.36 [a]	-
32	11636	31.38	Octacosane	3.24±0.48 [a]	4.35±1.26 [a]	1.12±0.35 [b]
33	10225	31.53	Azuleno[4,5-b]furan-2,9-dione, decahydro	-	-	6.23±0.28
34	616627	32.14	(*E*)-coniferaldehyde	-	-	1.34±0.45
35	-	33.04	Naphthalene, 1,6-dimethyl-4-(1-methylethyl)-	-	-	1.14±0.86
36	2969	33.42	Heptacosane	6.56±1.56 [a]	5.13±2.46 [a]	2.34±1.87 [b]
37	-	34.09	Corynan-17-ol, 18,19-didehydro-10-methoxy-, acetate (ester)	-	4.56±1.13	-
38	5364677	35.03	n-Decanoic acid	6.78±1.1 [a]	5.67±2.45 [a]	-
39	5365880	36.03	9-Hexadecenoic acid, 9-octadecenyl ester, (Z,Z)-	2.43±1.45 [a]	4.56±2.45 [a]	-
40	22214169	36.93	Rhodopin	-	4.86±0.45	-
41	-	37.03	Propanediamide, 2-ethyl-2-phenyl-N,N'-bi			1.87±0.87
42	12406	37.04	2-[3-(1-Hydroxy-1-methyl-ethyl)-6a,10b-dimethyl-7-methylene	4.32±1.56	-	-
43	23494	37.36	Octadecane, 3-ethyl-5-(2-ethylbutyl)-	1.24±0.82 [a]	2.56±0.49 [a]	-
44	22212534	37.46	Trilinolein	4.65±1.56 [a]	8.46±1.27 [a]	-
45	5281	38.44	Octadecanoic acid	3.46±2.34	-	-
46	5370545	38.5	Methyl glycocholate, 3TMS derivative	-	3.33±1.13	-

47	7501	39.28	Pentacosane	2.45±1.26	-	-
48	1380913	39.35	Cholan-24-oic acid, 3,7-dioxo-, (5á)-	4.56±0.83 [a]	2.34±1.54 [a]	
49	633452	39.38	Benzene, 1,1′-(3-methyl-1-propene-1,3-diyl)bis-	-	4.56±0.93	-
50	542054	39.76	3,9-Epoxypregn-16-ene-14-18-diol-20-one, 7,11-diacetoxy-3-methoxy-	-	2.24±1.23	-

Values are presented as the mean ± S.D. (*n* = 4). Values in the same row followed by the same letters are not significantly different from each other (*P* < 0.05). RT, retention time, –' indicates that no compounds were detected.