

Table S4: List of differential non-volatile compounds between RC-R vs. RF-R

Number	Class	Subclass	Compounds	Biomarkers	Fold change	P-value	VIP	Type
1	Flavonoids	Quercetin and derivatives	Quercetin-3-O-(2"-O-Rhamnosyl)rutinoside	Yes	1.48E+06	5.20E-08	1.02E+00	up
2			Quercetin-3-O-rutinoside-7-O-glucoside	Yes	1.04E+06	2.30E-06	1.02E+00	up
3			Quercetin-3-O-robinobioside	Yes	3.55E+05	6.32E-07	1.02E+00	up
4			Quercetin-3-O-neohesperidoside	Yes	8.10E+04	9.22E-05	1.02E+00	up
5			Quercetin-3-O-glucosyl(1→4)rhamnoside-7-O-rutinoside	Yes	8.02E+04	8.86E-08	1.02E+00	up
6			Quercetin-3-O-(2"-O-rhamnosyl)galactoside	Yes	7.67E+04	1.92E-05	1.02E+00	up
7			Azaleatin (5-O-Methylquercetin)	Yes	4.60E+04	4.95E-04	1.01E+00	up
8			Quercetin-3-O-(2"-O-galactosyl)glucoside	Yes	3.34E+04	2.47E-04	1.02E+00	up
9			Quercetin-3-O-rhamnoside(Quercitrin)	Yes	2.89E+04	6.83E-06	1.02E+00	up
10			Quercetin-3-O-rutinoside (Rutin)	Yes	2.24E+04	1.27E-03	1.01E+00	up
11			Quercetin	Yes	1.85E+04	1.46E-06	1.02E+00	up
12			Quercetin-7-O-glucoside	Yes	1.83E+04	4.43E-04	1.01E+00	up
13			Isorhamnetin-3-O-rutinoside (Narcissin)	Yes	1.11E+04	4.90E-06	1.02E+00	up
14			Rhamnetin-3-O-Rutinoside	Yes	1.10E+04	9.32E-07	1.02E+00	up
15			Isorhamnetin	Yes	8.09E+03	3.84E-05	1.02E+00	up
16			Quercetin-3-O-(2"-Galloyl)Arabinoside	Yes	3.95E+03	1.32E-04	1.02E+00	up
17			Quercetin-3-O-xyloside (Reynoutrin)	Yes	3.92E+03	4.50E-05	1.02E+00	up
18			Quercetin-3-O-(6"-galloyl)galactoside	Yes	2.82E+03	2.63E-03	1.00E+00	up
19			Quercetin-3-O-(6"-O-arabinosyl)glucoside	Yes	2.36E+03	8.74E-05	1.02E+00	up
20			Quercetin-3-O-apiosyl(1→2)galactoside	Yes	9.93E+02	2.21E-05	1.02E+00	up
21			Quercetin-3-O-xylosyl(1→2)glucoside	Yes	8.18E+02	9.23E-04	1.01E+00	up
22			Quercetin-3-O-sophoroside (Baimaside)	Yes	5.87E+02	1.03E-03	1.01E+00	up
23			Quercetin 3-beta-D-sophoroside		5.09E+01	4.29E-05	1.02E+00	up
24			Quercetin-7-O-rutinoside		4.75E+01	4.21E-04	1.02E+00	up
25			Quercetin-3-O-glucoside (Isoquercitrin)		2.68E+01	1.48E-04	1.02E+00	up
26			Dihydroquercetin(Taxifolin)		2.13E+01	8.27E-05	1.02E+00	up
27			Quercetin-3-O-galactoside (Hyperin)		5.35E+00	2.37E-06	1.02E+00	up
28			Quercetin-5-O-(6"-malonyl)glucosyl-5-O-glucoside		5.01E+00	2.83E-05	1.02E+00	up
29			Quercetin-3-O-(2"-O-glucosyl)glucuronide		2.20E-01	7.80E-05	1.02E+00	down
30		Kaempferol and derivatives	Kaempferol-3-O-neohesperidoside	Yes	7.81E+05	4.42E-06	1.02E+00	up
31			Kaempferol-3-O-rhamnoside (Afzelin)(Kaempferin)	Yes	1.22E+05	4.74E-07	1.02E+00	up
32			Kaempferol-6,8-di-C-glucoside-7-O-glucoside	Yes	1.11E+05	4.84E-05	1.02E+00	up
33			Dihydrokaempferol-7-O-glucoside	Yes	6.30E+04	2.24E-04	1.02E+00	up
34			Kaempferol-4'-O-glucoside	Yes	6.18E+04	4.34E-09	1.02E+00	up
35			6-Hydroxykaempferol-7-O-glucoside	Yes	3.20E+04	7.14E-06	1.02E+00	up
36			Kaempferol-3-O-robinoside-7-O-rhamnoside (Robinin)	Yes	2.67E+04	9.22E-05	1.02E+00	up
37			6-Hydroxykaempferol-3-O-rutinoside-6-O-glucoside	Yes	1.58E+04	4.93E-06	1.02E+00	up
38			Kaempferol-3-O-neohesperidoside-7-O-glucoside	Yes	1.35E+04	2.52E-08	1.02E+00	up
39			Kaempferol-7-O-rhamnoside	Yes	1.06E+04	3.38E-04	1.02E+00	up
40			Kaempferol-3-O-sambubioside	Yes	9.14E+03	7.17E-06	1.02E+00	up
41			Kaempferol (3,5,7,4'-Tetrahydroxyflavone)		1.72E+02	5.32E-06	1.02E+00	up
42			6-C-MethylKaempferol-3-glucoside		1.20E+02	4.41E-04	1.01E+00	up

43		6-Hydroxykaempferol-3,6-O-Diglucoside		5.39E+01	2.18E-05	1.02E+00	up
44		Kaempferol-3-O-galactoside (Trifolin)		4.70E+01	7.47E-05	1.02E+00	up
45		Kaempferol-7-O-glucoside		3.35E+01	5.13E-05	1.02E+00	up
46		Dihydrokaempferol-3-O-glucoside		2.25E+01	1.77E-08	1.02E+00	up
47		Rhamnocitrin (7-Methylkaempferol)		2.06E+01	3.75E-08	1.02E+00	up
48		Dihydrokaempferol		5.12E+00	1.42E-05	1.02E+00	up
49	Luteolin and derivatives	Luteolin-7-O-rutinoside	Yes	6.19E+05	9.78E-06	1.02E+00	up
50		Luteolin-7-O-neohesperidoside (Lonicerin)	Yes	3.94E+05	2.61E-07	1.02E+00	up
51		Luteolin-3'-O-glucoside	Yes	6.06E+04	8.93E-07	1.02E+00	up
52		Luteolin-7-O-(2"-O-rhamnosyl)rutinoside	Yes	2.74E+04	1.73E-04	1.02E+00	up
53		Isoluteolin (Orobol)(5,7,3',4'-tetrahydroxyisoflavone)		2.60E+01	1.72E-05	1.02E+00	up
54		Luteolin (5,7,3',4'-Tetrahydroxyflavone)		1.89E+01	7.89E-07	1.02E+00	up
55	Catechin and derivatives	Catechin	Yes	9.26E+04	1.82E-05	1.02E+00	up
56		Procyanidin B4	Yes	4.28E+04	7.69E-06	1.02E+00	up
57		Procyanidin B3	Yes	2.09E+04	1.81E-06	1.02E+00	up
58		Procyanidin B1	Yes	8.61E+03	6.48E-05	1.02E+00	up
59		Procyanidin C1 3'-O-gallate	Yes	7.61E+03	3.06E-05	1.02E+00	up
60		Procyanidin C2	Yes	9.55E+02	6.56E-04	1.01E+00	up
61		Procyanidin C1	Yes	8.55E+02	2.37E-04	1.02E+00	up
62		Epicatechin		1.25E+02	9.89E-10	1.02E+00	up
63		Procyanidin B2		4.77E+01	4.12E-05	1.02E+00	up
64		Epicatechin gallate		2.89E+01	2.19E-06	1.02E+00	up
65		Catechin gallate		2.80E+01	1.13E-07	1.02E+00	up
66		Epigallocatechin		9.35E-04	2.59E-07	1.02E+00	down
67	Other flavonoids	Galocatechin 3-O-gallate		2.28E-04	4.05E-05	1.02E+00	down
68		Cinnamtannin D1		8.03E-05	6.84E-06	1.02E+00	down
69		Galocatechin		1.07E-05	2.33E-06	1.02E+00	down
70		Epigallocatechin-3-gallate		1.43E-07	8.99E-08	1.02E+00	down
71		Sachaloside IV	Yes	8.33E+05	1.13E-04	1.02E+00	up
72		Rhodionidin	Yes	4.35E+05	5.18E-06	1.02E+00	up
73		Hesperetin-7-O-rutinoside (Hesperidin)	Yes	1.74E+05	1.61E-05	1.02E+00	up
74		Rhodosin	Yes	1.18E+05	6.71E-07	1.02E+00	up
75		Eriodictyol-7-O-glucoside	Yes	6.09E+04	1.19E-03	1.01E+00	up
76		Rhodioflavonoside	Yes	3.55E+04	8.52E-07	1.02E+00	up
77		Rhodioglin	Yes	3.14E+04	1.95E-05	1.02E+00	up
78		Pinocembrin (Dihydrochrysin)	Yes	1.42E+04	1.04E-06	1.02E+00	up
79		Sexangularetin-3-O-glucoside-7-O-rhamnoside	Yes	1.09E+04	7.49E-07	1.02E+00	up
80		2'-Hydoxy,5-methoxyGenistein-O-rhamnosyl-glucoside	Yes	1.07E+04	2.78E-06	1.02E+00	up
81		Petunidin-3-O-(6"-O-p-Coumaroyl)glucoside	Yes	1.06E+04	1.42E-07	1.02E+00	up
82		Rhodiogidin	Yes	5.61E+03	1.54E-05	1.02E+00	up
83		3',4',7-Trihydroxyflavone	Yes	2.84E+03	9.70E-04	1.01E+00	up
84		Cyanidin-3-O-sophoroside-5-O-glucoside	Yes	1.90E+03	6.04E-04	1.01E+00	up
85		Herbacetin	Yes	8.94E+02	3.41E-05	1.02E+00	up
86		Rhodiolin		5.74E+02	6.85E-08	1.02E+00	up

87			Phloretin		4.99E+02	3.89E-08	1.02E+00	up
88			Dihydrocharcone-4'-O-glucoside		2.14E+02	1.47E-04	1.02E+00	up
89			Eriodictyol (5,7,3',4'-Tetrahydroxyflavanone)		8.16E+01	9.28E-08	1.02E+00	up
90			Spiraeoside		2.71E+01	1.54E-04	1.02E+00	up
91			Hispidulin (5,7,4'-Trihydroxy-6-methoxyflavone)		2.10E+01	1.44E-06	1.02E+00	up
92			6,7,8-Tetrahydroxy-5-methoxyflavone		1.97E+01	1.61E-06	1.02E+00	up
93			2,4,2',4'-tetrahydroxy-3'-prenylchalcone		9.28E+00	7.80E-05	1.02E+00	up
94			Naringenin chalcone		8.05E+00	7.75E-08	1.02E+00	up
95			Naringenin (5,7,4'-Trihydroxyflavanone)		7.47E+00	4.50E-08	1.02E+00	up
96			Pinobanksin		7.25E+00	2.70E-06	1.02E+00	up
97			Phloretin-2'-O-glucoside (Phlorizin)		4.38E+00	2.32E-04	1.02E+00	up
98			Isosalipurposide (Phlorizin Chalcone)		4.30E+00	1.38E-03	1.01E+00	up
99			Tricetin (5,7,3',4',5'-Pentahydroxyflavone)		3.58E+00	9.03E-04	1.01E+00	up
100			5,7,3',4',5'-Pentahydroxydihydroflavone		1.38E-01	1.23E-04	1.02E+00	down
101			3-O-Acetylpinobanksin	Yes	1.78E-04	8.39E-06	1.02E+00	down
102			2,3-Di-O-Galloyl-D-Glucose	Yes	1.35E+06	6.28E-04	1.01E+00	up
103			1,2,3,4,6-Penta-O-Galloyl-D-Glucose	Yes	9.09E+05	5.76E-05	1.02E+00	up
104			p-Dimeric galloyl methyl ester	Yes	1.56E+05	2.70E-05	1.02E+00	up
105			3-O-Digalloyl-1,2,4,6-O-tetragalloyl-D-glucose	Yes	1.38E+05	2.62E-05	1.02E+00	up
106			2,3-O-Digalloyl-1,4,6-tri-O-galloyl-glucose	Yes	1.03E+05	4.67E-04	1.01E+00	up
107			1,3-Trigallic acid	Yes	5.60E+04	3.63E-05	1.02E+00	up
108			1,4-Trigallic acid	Yes	5.77E+03	3.19E-05	1.02E+00	up
109			3-Hydroxy-5-Methylphenol-1-O-(6'-Digalloyl)Glucoside	Yes	5.63E+03	6.63E-04	1.01E+00	up
110			Di-O-galloyl Methyl gallate	Yes	5.17E+03	1.13E-07	1.02E+00	up
111			Methyl 6-O-galloyl-glucoside	Yes	2.11E+03	5.75E-05	1.02E+00	up
112			Galloyl Methyl gallate		5.94E+02	3.48E-07	1.02E+00	up
113			1,2,3,6-Tetra-O-Galloyl-D-Glucose		5.28E+02	1.25E-06	1.02E+00	up
114			2,4,6-Tri-O-galloyl-D-glucose		4.51E+01	8.65E-06	1.02E+00	up
115			3-O-Methylgallic Acid		3.00E+01	8.62E-06	1.02E+00	up
116			4-O-Methylgallic Acid		2.90E+01	2.01E-07	1.02E+00	up
117			1,2,3-Tri-O-galloyl-D-glucose		2.89E+01	1.56E-06	1.02E+00	up
118			Monogalloyl-diglucose		2.20E+01	2.09E-06	1.02E+00	up
119			Digallic Acid		1.83E+01	7.98E-06	1.02E+00	up
120			1,3,6-Tri-O-galloyl-D-glucose		1.55E+01	6.61E-05	1.02E+00	up
121			1-O-Galloyl-rhamnose		1.43E+01	8.18E-05	1.02E+00	up
122			2-O-Salicyl-6-O-Galloyl-D-Glucose		8.37E+00	1.72E-05	1.02E+00	up
123			2-O-Galloyl-glucose		4.87E+00	3.53E-05	1.02E+00	up
124			1-O-Galloyl-D-glucose		4.58E+00	1.22E-05	1.02E+00	up
125			1,6-Di-O-Galloyl-D-Glucose		4.53E+00	2.95E-03	1.00E+00	up
126			Ellagic acid		3.37E+00	9.19E-05	1.02E+00	up
127			6-O-Galloyl-glucose		2.97E+00	1.13E-04	1.02E+00	up
128			Ethyl gallate		2.83E-02	1.13E-06	1.02E+00	down
129			Propyl gallate	Yes	1.35E-04	6.78E-06	1.02E+00	down
130	Phenylpropanoids	Cinnamic acid-Coumaroyl	p-Coumaroylquinic acid-4'-O-glucuronide	Yes	9.00E+03	3.51E-05	1.02E+00	up

131	and derivatives	p-Coumaraldehyde	Yes	7.81E+03	8.51E-07	1.02E+00	up
132		3-Methyl-4,8-dihydroxy-3,4-dihydroisocoumarin	Yes	4.02E+03	1.44E-04	1.02E+00	up
133		Scopoletin (7-Hydroxy-5-methoxycoumarin)	Yes	3.08E+03	5.27E-06	1.02E+00	up
134		3-O-p-Coumaroylquinic acid	Yes	1.20E+03	1.33E-03	1.01E+00	up
135		p-Coumaroylferuloyltartaric acid	Yes	8.16E+02	1.18E-05	1.02E+00	up
136		p-Coumaryl alcohol		1.98E+02	1.36E-07	1.02E+00	up
137		2-Hydroxycinnamic acid		1.66E+02	4.93E-11	1.02E+00	up
138		p-Coumaric acid		1.56E+02	1.87E-07	1.02E+00	up
139		4-Methoxycinnamic acid		4.39E+01	6.03E-08	1.02E+00	up
140		Cinnamic acid		3.98E+01	3.27E-06	1.02E+00	up
141		1-O-[(E)-p-Coumaroyl]-D-glucose		2.99E+01	1.15E-05	1.02E+00	up
142		p-Coumaric acid-4-O-glucoside		8.34E+00	1.90E-06	1.02E+00	up
143		3-O-p-Coumaroylquinic acid O-glucoside		5.03E+00	9.14E-05	1.02E+00	up
144		p-Coumaric acid methyl ester		3.53E+00	1.78E-06	1.02E+00	up
145		Ditartaroyl-hydroxycoumarin		3.98E-01	6.79E-05	1.02E+00	down
146		7-Methoxy-5-Prenyloxycoumarin		3.47E-01	9.73E-05	1.02E+00	down
147		3,4-Dimethoxycinnamic acid		1.69E-01	6.98E-06	1.02E+00	down
148		Protocatechuic acid-4-O-glucoside	Yes	5.70E+04	5.17E-07	1.02E+00	up
149		1-O-(3,4-Dihydroxy-5-methoxy-benzoyl)-glucoside	Yes	1.48E+04	4.94E-06	1.02E+00	up
150		4-O-Glucosyl-3,4-dihydroxybenzyl alcohol	Yes	3.34E+03	9.04E-05	1.02E+00	up
151		3,4,5-Trimethoxyphenyl-1-O-Glucoside		1.10E+01	2.10E-05	1.02E+00	up
152		Dimethyl Phthalate		8.62E+00	1.67E-07	1.02E+00	up
153		2,5-Dihydroxybenzoic acid O-glucoside		8.20E+00	2.52E-06	1.02E+00	up
154		2,4,6-Trihydroxybenzoic acid		6.48E+00	1.29E-05	1.02E+00	up
155		Salicylic acid		3.73E+00	2.08E-05	1.02E+00	up
156		Protocatechuic aldehyde		2.45E+00	6.13E-05	1.02E+00	up
157		4-Hydroxybenzoic acid		2.43E+00	1.36E-07	1.02E+00	up
158	Phenylmethanes	Syringaldehyde-4-O-glucoside		2.11E+00	4.26E-04	1.02E+00	up
159		Salicin		2.10E+00	6.89E-04	1.01E+00	up
160		3-hydroxybenzaldehyde		4.53E-01	9.48E-04	1.01E+00	down
161		3,4-Dihydroxybenzoic acid (Protocatechuic acid)		4.17E-01	7.72E-06	1.02E+00	down
162		2,3-Dihydroxybenzoic Acid		3.92E-01	1.13E-05	1.02E+00	down
163		2,5-Dihydroxybenzoic acid		3.69E-01	3.61E-06	1.02E+00	down
164		Vanillic acid-4-O-glucoside		3.45E-01	1.34E-05	1.02E+00	down
165		1-O-Vanilloyl-D-Glucose		1.06E-01	2.15E-06	1.02E+00	down
166		Syringic acid		8.62E-02	1.21E-04	1.02E+00	down
167		4-Methylcatechol	Yes	2.85E-04	6.07E-05	1.02E+00	down
168		4-Hydroxybenzyl Alcohol	Yes	1.32E-04	7.75E-04	1.01E+00	down
169		4-O-(6'-O-Glucosylcaffeoylglucosyl)-4-hydroxybenzyl alcohol	Yes	2.50E+05	4.94E-05	1.02E+00	up
170		3-(4-Hydroxyphenyl)-propionic acid	Yes	7.12E+04	5.08E-06	1.02E+00	up
171	Phenylpropanes	Daphnetin	Yes	3.16E+04	6.72E-08	1.02E+00	up
172		Rhododendrol	Yes	2.99E+04	2.67E-04	1.02E+00	up
173		Chlorogenic acid	Yes	1.21E+04	1.27E-04	1.02E+00	up
174		3,4,5-Tricaffeoylquinic acid	Yes	1.06E+04	2.18E-04	1.02E+00	up

175		Neochlorogenic acid(5-O-Caffeoylquinic acid)	Yes	9.57E+03	1.29E-03	1.01E+00	up
176		1'-O-(3,4-Dihydroxyphenethyl)-O-caffeoyl-glucoside	Yes	5.83E+03	2.06E-06	1.02E+00	up
177		Dicafeoylquinic acid-O-glucoside	Yes	5.65E+03	1.03E-04	1.02E+00	up
178		Caffeoyl(p-Hydroxybenzoyl)tartric acid	Yes	4.89E+03	1.86E-04	1.02E+00	up
179		Phenylpyruvic acid		1.49E+02	4.59E-05	1.02E+00	up
180		Esculetin		9.11E+01	9.23E-07	1.02E+00	up
181		1-O-[(E)-Caffeoyl]-D-glucose		6.73E+01	4.02E-05	1.02E+00	up
182		6-O-Caffeoyl-D-glucose		5.44E+01	2.56E-06	1.02E+00	up
183		Caffeic acid		4.01E+01	3.33E-07	1.02E+00	up
184		Syringin		7.85E+00	2.09E-04	1.02E+00	up
185		Phaseolic acid		3.90E+00	2.41E-05	1.02E+00	up
186		Dihydrocaffeoylglucose		2.15E+00	8.33E-05	1.02E+00	up
187		Isoimperatorin		3.82E-01	1.98E-05	1.02E+00	down
188		Osthole		3.80E-01	4.60E-04	1.02E+00	down
189		Methyl caffeate		3.14E-01	4.53E-04	1.01E+00	down
190		Maleoyl-caffeoylquinic acid		2.04E-01	6.69E-05	1.02E+00	down
191		Methyl ferulate		2.00E-01	8.20E-07	1.02E+00	down
192		6-O-Feruloyl-D-glucose		1.55E-01	8.80E-04	1.01E+00	down
193		Sinapic acid		1.02E-01	8.35E-05	1.02E+00	down
194		Scopoletin-7-O-glucoside (Scopolin)		9.82E-02	2.69E-07	1.02E+00	down
195		1-O-Glucosyl sinapate		8.08E-02	2.96E-05	1.02E+00	down
196		Sinapoyl malate	Yes	2.21E-03	1.04E-04	1.02E+00	down
197		3-(3-Hydroxyphenyl)-propionate acid	Yes	9.62E-04	3.23E-04	1.01E+00	down
198		Chlorogenic acid methyl ester	Yes	7.45E-04	7.90E-04	1.00E+00	down
199		Caffeic aldehyde	Yes	3.30E-04	1.99E-05	1.02E+00	down
200		1-Feruloyl-sn-glycerol	Yes	3.06E-04	1.55E-04	1.02E+00	down
201		1,2-O-Diferuloylglycerol	Yes	8.06E-05	3.46E-04	1.02E+00	down
202	Phenylethanes	4-Hydroxyacetophenone		9.51E+00	3.92E-06	1.02E+00	up
203		5-(2-Hydroxyethyl)-2-O-glucosylphenol		3.31E+00	3.69E-04	1.02E+00	up
204		3,4-Dihydroxybenzeneacetic acid		2.81E+00	9.31E-06	1.02E+00	up
205		3,4-Dimethoxyphenyl acetic acid		3.75E-01	9.36E-04	1.01E+00	down
206		Tyrosol		2.01E-01	1.39E-07	1.02E+00	down
207		2',4'-Dihydroxy-6'-methoxyacetophenone		4.33E-02	2.09E-07	1.02E+00	down
208		p-Hydroxyphenyl acetic acid		1.32E-02	1.60E-05	1.02E+00	down
209	Shikimic acids	5-Galloylshikimic acid	Yes	1.38E+05	1.78E-06	1.02E+00	up
210		3-Galloylshikimic acid	Yes	2.41E+04	7.63E-05	1.02E+00	up
211		3,5-Di-O-galloylshikimic acid	Yes	9.68E+03	1.83E-04	1.02E+00	up
212		5-O-p-Coumaroylshikimic acid O-glucoside	Yes	2.55E+03	9.70E-05	1.02E+00	up
213		3,4-Digalloylshikimic acid		1.37E+01	1.90E-08	1.02E+00	up
214		Trans-5-O-(p-Coumaroyl)shikimate		4.47E+00	9.86E-05	1.02E+00	up
215		3-O-p-Coumaroylshikimic acid		2.83E+00	1.38E-03	1.01E+00	up
216		Shikimic acid		2.02E+00	2.12E-03	1.00E+00	up
217	Lignans	Pinoresinol-4,4'-O-di-O-glucoside	Yes	2.02E+03	3.94E-06	1.02E+00	up
218		Pinoresinol-4-O-glucoside		1.39E+01	2.10E-05	1.02E+00	up

219		Matairesinol		1.30E+01	1.90E-05	1.02E+00	up
220		Coniferin		7.06E+01	1.25E-06	1.02E+00	up
221		Coniferaldehyde		4.46E+00	4.20E-06	1.02E+00	up
222	Lignins	Coniferyl alcohol		2.34E+00	3.07E-06	1.02E+00	up
223		4,7,9,9'-Tetrahydroxy-3,3'-dimethoxy-8-O-4'-neolignan		2.00E+00	4.02E-04	1.01E+00	up
224		L- α -Glutamyl-L-Glutamic Acid	Yes	7.99E+03	7.35E-08	1.02E+00	up
225		N-(3-Indolylacetyl)-L-alanine	Yes	6.52E+03	3.53E-07	1.02E+00	up
226		S-(5'-Adenosyl)-L-homocysteine	Yes	5.28E+03	8.18E-05	1.02E+00	up
227		N-Acetyl-L-Tryptophan	Yes	4.15E+03	9.94E-04	1.01E+00	up
228		3,4-Dihydroxy-L-phenylalanine	Yes	2.81E+03	8.87E-06	1.02E+00	up
229		S-Adenosyl-L-methionine	Yes	2.48E+03	2.35E-03	1.00E+00	up
230		L-Phenylalanyl-L-phenylalanine	Yes	1.67E+03	7.00E-04	1.01E+00	up
231		N-Acetyl-L-Arginine	Yes	1.55E+03	1.62E-03	1.01E+00	up
232		5-Hydroxy-L-tryptophan	Yes	1.39E+03	2.52E-03	1.00E+00	up
233		L-Cystine	Yes	1.14E+03	3.49E-04	1.02E+00	up
234		N-Acetyl-L-methionine	Yes	1.01E+03	4.77E-05	1.02E+00	up
235		(5-L-Glutamyl)-L-amino acid	Yes	6.93E+02	3.40E-04	1.02E+00	up
236		L-Methionine		2.45E+01	2.38E-06	1.02E+00	up
237		L-Prolyl-L-Phenylalanine		1.51E+01	3.04E-05	1.02E+00	up
238		L-Glutaminyl-L-valyl-L-valyl-L-cysteine		9.50E+00	7.10E-05	1.02E+00	up
239		N-Acetyl-L-tyrosine		9.40E+00	1.13E-05	1.02E+00	up
240		N-Acetyl-L-leucine		7.65E+00	2.78E-06	1.02E+00	up
241		5-Oxo-L-Proline		7.47E+00	1.69E-04	1.02E+00	up
242		L-Aspartic acid-O-diglycoside		6.44E+00	1.08E-05	1.02E+00	up
243	Amino acids	L-Histidine		6.32E+00	7.10E-04	1.01E+00	up
244		L-Isoleucyl-L-Aspartate		6.30E+00	1.94E-03	1.00E+00	up
245		N6-Acetyl-L-lysine		5.54E+00	3.44E-05	1.02E+00	up
246		N-Acetyl-L-glutamic acid		5.41E+00	2.08E-04	1.02E+00	up
247		L-Glycyl-L-phenylalanine		5.00E+00	2.65E-05	1.02E+00	up
248		N-Glycyl-L-leucine		4.96E+00	1.14E-05	1.02E+00	up
249		L-Arginine		4.66E+00	1.39E-05	1.02E+00	up
250		L-Citrulline		4.64E+00	9.53E-06	1.02E+00	up
251		L-Tyrosine		4.63E+00	3.30E-06	1.02E+00	up
252		L-Glycyl-L-isoleucine		4.55E+00	5.04E-05	1.02E+00	up
253		L-Proline		4.41E+00	2.58E-06	1.02E+00	up
254		L-Phenylalanine		4.37E+00	2.02E-06	1.02E+00	up
255		N-Acetyl-L-glycine		3.84E+00	1.74E-03	1.01E+00	up
256		Homoarginine		3.79E+00	1.68E-04	1.02E+00	up
257		4-Acetamidobutyric acid		3.74E+00	1.37E-07	1.02E+00	up
258		Oxiglutatione		3.59E+00	1.67E-05	1.02E+00	up
259		L-Tryptophan		3.37E+00	6.43E-07	1.02E+00	up
260		3-Methyl-L-Histidine		3.25E+00	8.44E-04	1.01E+00	up
261		L-Homocitrulline		3.08E+00	2.05E-03	1.00E+00	up
262		N- α -Acetyl-L-ornithine		2.96E+00	3.56E-05	1.02E+00	up

263		N-Acetyl-L-threonine		2.90E+00	4.30E-05	1.02E+00	up
264		L-Leucyl-L-Leucine		2.90E+00	1.70E-05	1.02E+00	up
265		2,3-Dimethylsuccinic acid		2.45E+00	1.22E-04	1.02E+00	up
266		L-Alanyl-L-Phenylalanine		2.32E+00	6.46E-04	1.01E+00	up
267		L-Methionine Sulfoxide		2.14E+00	1.33E-05	1.02E+00	up
268		L-Valyl-L-Phenylalanine		2.12E+00	3.94E-05	1.02E+00	up
269		O-Acetylserine		2.06E+00	3.19E-04	1.02E+00	up
270		N,N-Dimethylglycine		4.09E-01	1.47E-05	1.02E+00	down
271		2,6-Diaminoimelic acid		4.08E-01	7.53E-05	1.02E+00	down
272		γ -Aminobutyric acid		4.06E-01	1.35E-05	1.02E+00	down
273		Pipecolic acid		3.53E-01	1.09E-04	1.02E+00	down
274		L-Serine		3.38E-01	2.52E-05	1.02E+00	down
275		L-Glutamic acid		3.16E-01	1.54E-05	1.02E+00	down
276		L-Lysine		2.94E-01	7.01E-06	1.02E+00	down
277		L-Glutamine		2.87E-01	1.10E-05	1.02E+00	down
278		L-Homoserine		2.78E-01	3.76E-07	1.02E+00	down
279		Cycloleucine		2.70E-01	5.61E-05	1.02E+00	down
280		L-Threonine		2.36E-01	9.23E-07	1.02E+00	down
281		L-Lysine-Butanoic Acid		9.17E-02	1.06E-04	1.02E+00	down
282		N-Formyl-L-Methionine	Yes	6.21E-06	3.33E-05	1.02E+00	down
283		D-Glucose 6-phosphate	Yes	1.19E+05	9.71E-07	1.02E+00	up
284		Glucose-1-phosphate	Yes	1.11E+05	1.15E-05	1.02E+00	up
285		Trehalose 6-phosphate	Yes	1.50E+04	1.42E-05	1.02E+00	up
286		1,10-Decanediol	Yes	7.67E+03	7.22E-07	1.02E+00	up
287		D-Threonic Acid		2.21E+01	1.79E-08	1.02E+00	up
288		D-Ribose		8.93E+00	9.00E-06	1.02E+00	up
289		Gluconic acid		4.69E+00	3.03E-07	1.02E+00	up
290		D-Glucose		3.03E+00	1.21E-05	1.02E+00	up
291		D-Fructose		2.98E+00	1.52E-04	1.02E+00	up
292	Saccharides	D-Sedoheptuose 7-phosphate		2.60E+00	4.86E-04	1.01E+00	up
293		Glucarate O-Phosphoric acid		2.49E+00	1.31E-05	1.02E+00	up
294		N-Acetyl-D-glucosamine		2.36E+00	1.91E-05	1.02E+00	up
295		D-Fructose-1,6-biphosphate		4.30E-01	2.78E-04	1.01E+00	down
296		N-Acetyl-D-galactosamine		3.35E-01	1.38E-04	1.02E+00	down
297		N-Acetyl-D-mannosamine		2.95E-01	2.88E-07	1.02E+00	down
298		N-Acetyl-D-glucosamine-1-phosphate		1.30E-01	1.11E-05	1.02E+00	down
299		D-Glucuronic acid		9.68E-02	1.10E-04	1.02E+00	down
300		L-Gulono-1,4-Lactone		1.51E-04	1.22E-05	1.02E+00	down
301		Argininosuccinic acid	Yes	4.31E+04	1.09E-06	1.02E+00	up
302		3-Hydroxyanthranilic acid	Yes	9.07E+03	1.46E-07	1.02E+00	up
303		2-Hydroxy-4-methylpentanoic acid	Yes	1.17E+03	2.90E-06	1.02E+00	up
304	Organic acids	Indole-3-lactic acid	Yes	6.90E+02	1.93E-03	1.01E+00	up
305		(-)-Jasmonoyl-L-Isoleucine	Yes	3.24E+02	5.71E-06	1.02E+00	up
306		Propyl 2-(trimethylammonio)ethyl phosphate		1.51E+01	5.16E-06	1.02E+00	up

307		D-Xylonic acid		1.47E+01	2.30E-09	1.02E+00	up
308		Citric Acid		1.44E+01	1.26E-05	1.02E+00	up
309		L-(-)-Malic acid		1.28E+01	7.10E-06	1.02E+00	up
310		β -Hydroxyisovaleric acid		1.12E+01	6.12E-08	1.02E+00	up
311		Methylenesuccinic acid		8.51E+00	2.39E-04	1.02E+00	up
312		3-Dehydro-L-Threonic Acid		8.21E+00	5.22E-05	1.02E+00	up
313		Quinic Acid		7.28E+00	7.58E-07	1.02E+00	up
314		(S)-2-Hydroxyglutaric Acid		7.03E+00	1.60E-04	1.02E+00	up
315		(2R,3S)-3-methylmalic acid		7.02E+00	7.19E-05	1.02E+00	up
316		L-Citramalic acid		7.01E+00	3.33E-05	1.02E+00	up
317		Isocitric Acid		6.16E+00	1.52E-05	1.02E+00	up
318		3-Hydroxybutyric acid		5.66E+00	2.11E-06	1.02E+00	up
319		2-Isopropylmalic Acid		4.72E+00	4.91E-08	1.02E+00	up
320		Acetoxyacetic acid		4.26E+00	5.67E-04	1.01E+00	up
321		3-Methyl-2-Oxobutanoic acid		3.09E+00	9.17E-05	1.02E+00	up
322		2-Hydroxybutyric Acid		2.87E+00	8.86E-04	1.00E+00	up
323		6-Aminocaproic acid		2.32E+00	3.01E-04	1.01E+00	up
324		Fumaric acid		2.20E+00	5.46E-04	1.01E+00	up
325		Muconic acid		4.23E-01	3.09E-04	1.01E+00	down
326		1-Aminocyclopropane-1-carboxylic acid		3.32E-01	2.53E-04	1.01E+00	down
327		2,2-Dimethylsuccinic acid		3.14E-01	1.21E-04	1.02E+00	down
328		2-Oxoadipic acid		3.07E-01	2.48E-03	1.00E+00	down
329		6-Hydroxyhexanoic acid		2.21E-01	4.03E-06	1.02E+00	down
330		Succinic acid		2.01E-01	1.01E-05	1.02E+00	down
331		Methylmalonic acid		1.98E-01	1.93E-06	1.02E+00	down
332		Aminomalonic acid		1.94E-01	3.21E-07	1.02E+00	down
333		Malonic acid		1.64E-01	2.46E-07	1.02E+00	down
334		2-Aminoethanesulfonic acid		1.34E-01	2.96E-06	1.02E+00	down
335		Succinic anhydride		1.22E-01	3.82E-07	1.02E+00	down
336		Suberic Acid		1.09E-01	2.47E-07	1.02E+00	down
337		Anchoic Acid		1.04E-01	2.00E-05	1.02E+00	down
338		D-Galacturonic acid		9.97E-02	9.80E-07	1.02E+00	down
339	Phospholipids	LysoPC 15:0	Yes	3.00E+04	3.37E-05	1.02E+00	up
340		LysoPC 17:1	Yes	2.38E+04	6.43E-06	1.02E+00	up
341		LysoPC 19:2	Yes	2.12E+04	2.75E-12	1.02E+00	up
342		LysoPC 20:3	Yes	1.37E+04	7.33E-07	1.02E+00	up
343		LysoPC 20:1	Yes	1.23E+04	8.62E-06	1.02E+00	up
344		LysoPE 15:0(2n isomer)	Yes	3.11E+03	2.86E-05	1.02E+00	up
345		LysoPC 18:4	Yes	2.77E+03	8.79E-05	1.02E+00	up
346		LysoPC 16:0(2n isomer)		1.28E+02	3.16E-11	1.02E+00	up
347		LysoPC 14:0		7.41E+01	2.71E-07	1.02E+00	up
348		LysoPC 18:3(2n isomer)		4.86E+01	3.31E-07	1.02E+00	up
349		LysoPC 18:0(2n isomer)		4.01E+01	8.85E-05	1.02E+00	up
350		LysoPC 18:1(2n isomer)		3.59E+01	1.22E-07	1.02E+00	up

351		LysoPC 18:2(2n isomer)		3.05E+01	6.51E-07	1.02E+00	up
352		LysoPE 16:0(2n isomer)		2.26E+01	3.31E-08	1.02E+00	up
353		LysoPC 18:3		2.19E+01	2.08E-06	1.02E+00	up
354		LysoPC 16:1(2n isomer)		1.81E+01	5.02E-09	1.02E+00	up
355		LysoPC 16:1		1.69E+01	5.61E-08	1.02E+00	up
356		LysoPC 18:1		1.64E+01	1.62E-06	1.02E+00	up
357		LysoPC 17:0		1.52E+01	3.53E-06	1.02E+00	up
358		LysoPE 18:2		1.39E+01	1.71E-05	1.02E+00	up
359		LysoPC 15:1		1.33E+01	9.43E-06	1.02E+00	up
360		LysoPC 18:2		1.23E+01	1.24E-05	1.02E+00	up
361		LysoPE 18:3		1.16E+01	8.65E-06	1.02E+00	up
362		LysoPE 15:0		7.42E+00	1.71E-07	1.02E+00	up
363		LysoPC 17:2		5.80E+00	9.55E-06	1.02E+00	up
364		LysoPE 14:0		5.64E+00	1.75E-04	1.02E+00	up
365		LysoPC 16:0		5.13E+00	4.89E-05	1.02E+00	up
366		LysoPC 20:2		5.13E+00	3.54E-04	1.01E+00	up
367		LysoPC 19:2(2n isomer)		4.96E+00	4.64E-07	1.02E+00	up
368		LysoPE 16:0		4.85E+00	8.41E-06	1.02E+00	up
369		LysoPE 20:2		3.09E+00	4.18E-04	1.01E+00	up
370		LysoPE 16:1		2.80E+00	1.46E-05	1.02E+00	up
371		LysoPE 14:0(2n isomer)		2.80E+00	2.11E-04	1.02E+00	up
372		LysoPE 16:1(2n isomer)		2.76E+00	2.59E-05	1.02E+00	up
373		LysoPC 19:1		2.29E+00	1.45E-05	1.02E+00	up
374		LysoPC 20:4		4.83E-01	8.89E-04	1.01E+00	down
375		LysoPE 15:1(2n isomer)		2.74E-01	1.97E-05	1.02E+00	down
376		Choline Alfoscerate		1.47E-01	3.33E-05	1.02E+00	down
377		1-O-Feruloyl-3-O-caffeoylglycerol	Yes	7.11E+03	9.41E-06	1.02E+00	up
378		9,10-Epoxyoctadecanoic Acid	Yes	7.97E+02	1.15E-06	1.02E+00	up
379		Cis-4,7,10,13,16,19-Docosahexaenoic Acid	Yes	5.89E+02	1.93E-06	1.02E+00	up
380		1- α -Linolenoyl-glycerol-2,3-di-O-glucoside	Yes	5.30E+02	7.10E-04	1.01E+00	up
381		8,15-Dihydroxy-5,9,11,13-eicosatetraenoic acid		3.19E+02	7.00E-09	1.02E+00	up
382		Methyl 7,10-hexadecadienoate		1.26E+01	2.88E-05	1.02E+00	up
383		9-Hydroxy-10,12,15-octadecatrienoic acid		9.06E+00	5.41E-08	1.02E+00	up
384		13-KODE; (9Z,11E)-13-Oxooctadeca-9,11-dienoic acid		8.97E+00	1.13E-06	1.02E+00	up
385	Free fatty acids and Glycerides	1-Linolenoyl-rac-glycerol-diglucoside		8.32E+00	1.23E-04	1.02E+00	up
386		1- α -Linolenoyl-glycerol		5.48E+00	1.90E-07	1.02E+00	up
387		12,13-Epoxy-9-Octadecenoic Acid		4.10E+00	1.56E-05	1.02E+00	up
388		9,12-Octadecadien-6-Ynoic Acid		3.79E+00	8.12E-05	1.02E+00	up
389		9-Hydroxy-13-oxo-10-octadecenoic Acid		3.24E+00	3.64E-07	1.02E+00	up
390		1-Linoleoylglycerol		3.19E+00	4.70E-07	1.02E+00	up
391		1-Oleoyl-Sn-Glycerol		3.10E+00	2.45E-05	1.02E+00	up
392		13S-Hydroperoxy-9Z,11E-octadecadienoic acid		3.01E+00	4.41E-07	1.02E+00	up
393		9(10)-EpOME;(9R,10S)-(12Z)-9,10-Epoxyoctadecenoic acid		2.88E+00	5.03E-06	1.02E+00	up
394		9-Oxo-10E,12Z-octadecadienoic acid		2.82E+00	8.52E-05	1.02E+00	up

395		2- α -Linolenoyl-glycerol-1,3-di-O-glucoside		2.62E+00	1.32E-03	1.01E+00	up
396		Oleamide (9-Octadecenamide)		2.49E+00	3.89E-04	1.01E+00	up
397		α -Linolenic Acid		2.46E+00	1.13E-08	1.02E+00	up
398		γ -Linolenic Acid		2.38E+00	3.56E-07	1.02E+00	up
399		1-Stearidonoyl-Glycerol		2.37E+00	9.13E-06	1.02E+00	up
400		Monopalmitin		2.28E+00	2.25E-04	1.02E+00	up
401		Eicosadienoic acid		2.10E+00	2.38E-07	1.02E+00	up
402		Pentadecanoic Acid		2.09E+00	2.87E-06	1.02E+00	up
403		13-Hydroxy-6,9,11-octadecatrienoic acid		4.75E-01	3.11E-04	1.02E+00	down
404		7S,8S-DiHODE; (9Z,12Z)-(7S,8S)-Dihydroxyoctadeca-9,12-dienoic acid		1.82E-01	1.17E-04	1.02E+00	down
405		1-Eicosanol		1.57E-01	8.11E-06	1.02E+00	down
406		Rosiridoside B	Yes	6.63E+04	3.46E-05	1.02E+00	up
407		Rosiridoside A	Yes	8.52E+03	1.72E-03	1.00E+00	up
408		4-Aminoindole	Yes	5.66E+03	4.72E-04	1.01E+00	up
409		3,4'-Dihydroxy-3'-methoxybenzenepentanoic acid	Yes	4.06E+03	9.31E-07	1.02E+00	up
410		3-Aminosalicylic acid	Yes	2.04E+03	1.67E-05	1.02E+00	up
411		3-Indolepropionic acid	Yes	1.55E+03	1.16E-04	1.02E+00	up
412		1-Methyladenine	Yes	1.30E+03	2.69E-04	1.02E+00	up
413		Rosiridin	Yes	9.88E+02	3.11E-06	1.02E+00	up
414		Eucommioside	Yes	6.23E+02	2.95E-03	1.00E+00	up
415		2-(Formylamino)benzoic acid		1.35E+02	5.74E-07	1.02E+00	up
416		Cyclic 3',5'-Adenylic acid		1.22E+02	6.13E-07	1.02E+00	up
417		Guanosine 3',5'-cyclic monophosphate		1.16E+02	3.04E-06	1.02E+00	up
418		N6-Isopentenyladenine		3.26E+01	4.97E-05	1.02E+00	up
419		4-Hydroxymandelonitrile		2.65E+01	1.95E-05	1.02E+00	up
420		Nicotinic acid adenine dinucleotide		1.70E+01	1.89E-05	1.02E+00	up
421		2'-Deoxyadenosine		1.42E+01	5.29E-07	1.02E+00	up
422	Others	Nicotinic Acid Methyl Ester(Methyl Nicotinate)		1.39E+01	1.72E-08	1.02E+00	up
423		Xanthosine		1.27E+01	5.32E-07	1.02E+00	up
424		Guanosine		1.26E+01	2.50E-06	1.02E+00	up
425		5,7-Dihydroxychromone		1.16E+01	6.19E-06	1.02E+00	up
426		2-(Dimethylamino)guanosine		1.11E+01	5.39E-06	1.02E+00	up
427		Cinidilide		7.49E+00	1.02E-04	1.02E+00	up
428		5'-Deoxy-5'-(methylthio)adenosine		6.97E+00	4.82E-06	1.02E+00	up
429		Succinyladenosine		6.70E+00	1.86E-05	1.02E+00	up
430		Nicotinamide		6.63E+00	2.43E-05	1.02E+00	up
431		Maltol		6.26E+00	2.19E-05	1.02E+00	up
432		D-Arabinono-1,4-lactone		5.73E+00	7.87E-07	1.02E+00	up
433		Ursolic acid		5.61E+00	7.87E-04	1.01E+00	up
434		Adenosine 5'-diphosphate		5.20E+00	1.36E-03	1.01E+00	up
435		Sodium Valproate		5.06E+00	2.20E-07	1.02E+00	up
436		Methoxyindoleacetic acid		4.93E+00	2.78E-05	1.02E+00	up

437	2-Aminopurine	4.82E+00	2.68E-04	1.02E+00	up
438	Guanosine 5'-monophosphate	4.66E+00	4.75E-04	1.01E+00	up
439	NADP (Nicotinamide adenine dinucleotide phosphate)	4.66E+00	7.67E-04	1.01E+00	up
440	6-Methylmercaptapurine	4.66E+00	4.04E-08	1.02E+00	up
441	N-Benzylmethylene isomethylamine	4.54E+00	1.73E-06	1.02E+00	up
442	2'-Deoxyguanosine	4.49E+00	4.45E-06	1.02E+00	up
443	4-Aminobenzoic acid	4.38E+00	3.13E-06	1.02E+00	up
444	Xanthine	4.08E+00	7.62E-04	1.01E+00	up
445	Adenosine	3.88E+00	8.47E-05	1.02E+00	up
446	Adenine	3.65E+00	2.21E-07	1.02E+00	up
447	3-Hydroxypropyl palmitate glc-glucosamine	3.58E+00	1.14E-04	1.02E+00	up
448	Indole	3.57E+00	9.82E-04	1.01E+00	up
449	5,6-Dihydroxyindole-5-O-β-glucoside	3.41E+00	6.25E-05	1.02E+00	up
450	Uridine 5'-monophosphate	2.60E+00	2.28E-04	1.02E+00	up
451	Cytidine 5'-monophosphate(Cytidylic acid)	2.59E+00	1.70E-03	1.01E+00	up
452	Histidinol	2.39E+00	1.26E-05	1.02E+00	up
453	Adenosine 5'-monophosphate	2.28E+00	7.33E-05	1.02E+00	up
454	O-Phosphorylethanolamine	2.27E+00	6.25E-05	1.02E+00	up
455	Pyridoxine	2.26E+00	2.17E-05	1.02E+00	up
456	N-Oleoylethanolamine	2.23E+00	1.28E-06	1.02E+00	up
457	Spermine	2.20E+00	1.93E-04	1.02E+00	up
458	Acetylcholine	2.08E+00	7.60E-04	1.01E+00	up
459	2'-Deoxyinosine-5'-monophosphate	2.06E+00	7.52E-05	1.02E+00	up
460	Hypoxanthine	2.02E+00	1.30E-03	1.00E+00	up
461	Anthranilate-1-O-Sophoroside	4.96E-01	4.14E-06	1.02E+00	down
462	L-Ascorbic acid	4.82E-01	1.67E-03	1.01E+00	down
463	D-Pinitol	4.50E-01	3.60E-04	1.02E+00	down
464	Thymidine	4.26E-01	8.10E-05	1.02E+00	down
465	3,5-Dihydroxy-2,4-dimethoxy-9H-fluoren-9-one	3.95E-01	2.42E-04	1.01E+00	down
466	Pyridoxine-5'-O-glucoside	3.88E-01	6.79E-05	1.02E+00	down
467	2'-Deoxyadenosine-5'-monophosphate	3.65E-01	1.13E-04	1.02E+00	down
468	4-Pyridoxic acid	3.34E-01	4.91E-05	1.02E+00	down
469	Diethanolamine	2.77E-01	5.15E-06	1.02E+00	down
470	1-methylguanidine	2.65E-01	5.92E-05	1.02E+00	down
471	Betaine	2.56E-01	1.81E-05	1.02E+00	down
472	Anthranilic Acid	2.54E-01	4.32E-05	1.02E+00	down
473	Benzamide	2.30E-01	9.19E-07	1.02E+00	down
474	Phenethylamine	2.15E-01	1.26E-05	1.02E+00	down
475	Uridine 5'-diphospho-N-acetylglucosamine	2.11E-01	1.09E-04	1.02E+00	down
476	Indole-3-carboxylic acid	1.65E-01	3.37E-07	1.02E+00	down
477	Indole-5-carboxylic acid	1.44E-01	1.24E-04	1.02E+00	down
478	Oleoside 11-methyl ester	1.15E-01	2.19E-06	1.02E+00	down
479	Nicotinate D-ribonucleoside	1.14E-01	2.09E-05	1.02E+00	down
480	Eucommiol	8.23E-02	3.41E-04	1.01E+00	down

481	D-Proline betaine		7.22E-02	2.92E-05	1.02E+00	down
482	Acetryptine		4.40E-02	4.40E-05	1.02E+00	down
483	domesticoside		1.69E-02	3.71E-09	1.02E+00	down
484	Pyrocatechol	Yes	2.28E-04	2.25E-04	1.02E+00	down
485	1-Methylpiperidine-2-carboxylic acid	Yes	2.40E-05	8.39E-05	1.02E+00	down
486	N-Feruloylagmatine	Yes	1.71E-05	2.61E-05	1.02E+00	down
487	Rhodiocyanoside A	Yes	4.13E-06	3.87E-07	1.02E+00	down
488	Cotinine; (S)-1-Methyl-5-(3-pyridinyl)-2-pyrrolidinone	Yes	2.42E-06	2.44E-06	1.02E+00	down
489	Tryptamine	Yes	1.95E-06	6.96E-05	1.02E+00	down
490	N-Hydroxytryptamine	Yes	1.70E-07	2.06E-05	1.02E+00	down
491	Serotonin	Yes	1.51E-07	6.75E-05	1.02E+00	down