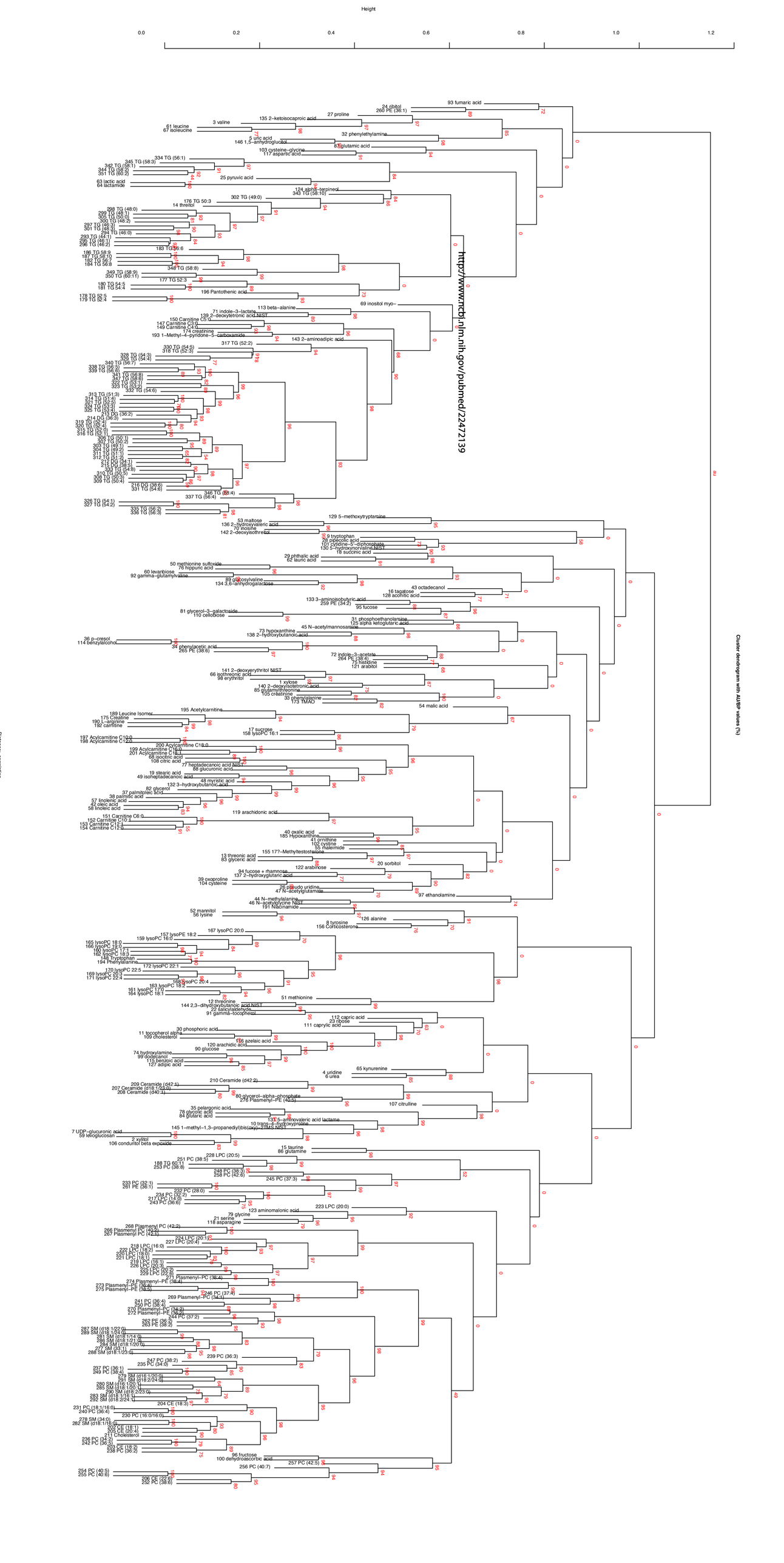
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
http://www.ncbi.nlm.nih.gov/pubmed/22472139
Cluster dendrogram with AU/BP values (%)
au
Distance: correlation
93 fumaric acid
24 ribitol
260 PE (36:1)
27 proline
135 2−ketoisocaproic acid
3 valine
61 leucine
67 isoleucine
32 phenylethylamine
5 uric acid
146 1,5−anhydroglucitol
87 glutamic acid
103 cysteine−glycine
117 aspartic acid
334 TG (56:1)
345 TG (58:3)
342 TG (58:1)
344 TG (58:2)
351 TG (60:2)
25 pyruvic acid
63 lactic acid
64 lactamide
124 alpha−terpineol
343 TG (58:10)
302 TG (49:0)
176 TG 50:3
14 threitol
298 TG (48:0)
299 TG (48:1)
300 TG (48:2)
297 TG (48:3)
301 TG (48:4)
294 TG (46:0)
293 TG (44:1)
292 TG (46:1)
296 TG (46:2)
183 TG 56:6
186 TG 58:9
187 TG 58:10
182 TG 56:5
184 TG 56:8
348 TG (58:8)
349 TG (58:9)
350 TG (60:11)
177 TG 52:3
180 TG 54:5
181 TG 54:4
196 Pantothenic acid
178 TG 52:5
179 TG 52:4
69 inositol myo−
113 beta−alanine
71 indole−3−lactate
139 2−deoxytetronic acid NIST
150 Carnitine C5:0
147 Carnitine C3:0
149 Carnitine C4:0
74 creatinine
193 1−Methyl−4−pyridone−5−carboxamide
143 2−aminoadipic acid
317 TG (52:2)
330 TG (54:5)
318 TG (52:3)
328 TG (54:3)
329 TG (54:4)
340 TG (56:7)
338 TG (56:5)
339 TG (56:6)
341 TG (56:8)
322 TG (52:7)
323 TG (52:8)
332 TG (54:6)
313 TG (51:3)
314 TG (51:4)
321 TG (52:6)
324 TG (53:3)
325 TG (53:4)
213 DG (36:2)
214 DG (36:3)
319 TG (52:4)
320 TG (52:5)
315 TG (51:6)
316 TG (52:1)
306 TG (50:1)
307 TG (50:2)
303 TG (49:1)
304 TG (49:2)
311 TG (51:1)
312 TG (51:2)
212 DG (34:1)
215 DG (38:2)
308 TG (54:8)
310 TG (50:5)
305 TG (50:3)
309 TG (50:4)
216 DG (38:6)
331 TG (54:8)
346 TG (58:4)
337 TG (56:4)
326 TG (54:1)
327 TG (54:2)
335 TG (56:2)
336 TG (56:3)
129 5−methoxytryptamine
53 maltose
136 2−hydroxyvaleric acid
70 inosine
142 2−deoxyisothreitol
9 tryptophan
75 pipecolic acid
101 cytidine−diphosphate
130 5−hydroxynorvaline NIST
18 succinic acid
29 phthalic acid
62 lauric acid
50 methionine sulfoxide
78 hippuric acid
60 levanbiose
92 gamma−glutamylvaline
89 glucosylvaline
134 3,6−anhydrogalactose
43 octadecanol
16 tagatose
128 aconitic acid
133 3−aminoisobutyric acid
259 PE (34:2)
95 fucose
81 glycerol−3−galactoside
110 cellobiose
31 phosphoethanolamine
125 alpha ketoglutaric acid
45 N−acetylmannosamine
73 hypoxanthine
138 2−hydroxybutanoic acid
36 p−cresol
114 benzylalcohol
34 phenylacetic acid
255 PE (38:6)
72 indole−3−acetate
264 PE (38:4)
74 histidine
121 arabitol
141 2−deoxyerythritol NIST
66 isothreonic acid
98 erythritol
1 xylose
140 2−deoxyisotetronic acid
85 glutamylthreonine
105 creatinine
33 phenylalanine
173 NMAD
54 malic acid
195 Acetylcarnitine
189 Leucine Isomer
175 Creatine
190 L−arginine
192 carnitine
17 sucrose
158 lysoPC 16:1
197 Acylcarnitine C10:0
198 Acylcarnitine C12:0
200 Acylcarnitine C18:0
199 Acylcarnitine C16:0
201 Acylcarnitine C18:1
68 isocitric acid
108 citric acid
77 heptadecanoic acid NIST
88 glucuronic acid
19 stearic acid
49 isoheptadecanoic acid
48 myristic acid
132 3−hydroxybutanoic acid
82 glycerol
37 palmitoleic acid
38 palmitic acid
57 linolenic acid
42 oleic acid
58 linoleic acid
119 arachidonic acid
151 Carnitine C6:0
152 Carnitine C10:1
153 Carnitine C12:1
154 Carnitine C12:0
40 oxalic acid
185 Hypoxanthine
41 ornithine
102 cystine
55 maleimide
155 17?−Methyltestosterone
13 threonic acid
83 glyceric acid
20 sorbitol
122 arabinose
94 fucose + rhamnose
137 2−hydroxyglutaric acid
39 oxoproline
104 cysteine
28 pseudo uridine
47 N−acetylglutamine
97 ethanolamine
44 N−methylalanine
46 N−acetylglycine NIST
191 Niacinamide
52 mannitol
56 lysine
126 alanine
8 tyrosine
156 Corticosterone
167 lysoPC 20:0
157 lysoPE 18:2
159 lysoPC 16:0
165 lysoPC 18:0
166 lysoPC 19:0
160 lysoPC 17:1
162 lysoPC 18:3
148 Tryptophan
194 Phenylalanine
172 lysoPC 22:1
170 lysoPC 22:5
169 lysoPC 20:3
171 lysoPC 22:4
168 lysoPC 20:4
163 lysoPC 18:2
161 lysoPC 17:0
164 lysoPC 18:1
51 methionine
12 threonine
144 2,3−dihydroxybutanoic acid NIST
22 salicylaldehyde
91 gamma−tocopherol
112 capric acid
23 ribose
111 caprylic acid
30 phosphoric acid
11 tocopherol alpha
109 cholesterol
136 azelaic acid
120 arachidic acid
90 glucose
74 hydroxylamine
99 dodecanol
115 benzoic acid
127 adipic acid
65 kynurenine
4 uridine
6 urea
210 Ceramide (d42:2)
209 Ceramide (d42:1)
207 Ceramide (d18:1/24:0)
208 Ceramide (d40:1)
80 glycerol−alpha−phosphate
276 Plasmenyl−PE (40:5)
107 citrulline
35 pelargonic acid
78 glycolic acid
84 glutaric acid
135 5−aminovaleric acid lactame
10 trans−4−hydroxyproline
145 1−methyl−1,3−propanediyl)bis(oxy)−2TMS NIST
7 UDP−glucuronic acid
59 levoglucosan
2 xylitol
106 conduritol beta epoxide
15 taurine
86 glutamine
228 LPC (20:5)
251 PC (38:5)
188 TG 60:11
253 PC (38:8)
248 PC (38:3)
258 PC (42:6)
245 PC (37:3)
233 PC (32:1)
261 PE (36:1)
222 PC (28:0)
234 PC (32:2)
217 LPC (14:0)
243 PC (36:6)
223 LPC (20:0)
123 aminomalonic acid
79 glycine
21 serine
116 asparagine
268 Plasmenyl PC (42:2)
266 Plasmenyl PC (42:0)
267 Plasmenyl PC (42:1)
224 LPC (20:1)
227 LPC (20:4)
218 LPC (16:0)
220 LPC (18:2)
221 LPC (18:3)
219 LPC (16:1)
226 LPC (20:3)
225 LPC (20:2)
229 LPC (22:6)
271 Plasmenyl−PC (38:4)
274 Plasmenyl−PE (38:4)
273 Plasmenyl−PE (38:4)
275 Plasmenyl−PE (38:5)
246 PC (37:4)
269 Plasmenyl−PC (34:1)
241 PC (36:4)
250 PC (38:6)
270 Plasmenyl−PC (34:2)
272 Plasmenyl−PE (36:2)
244 PC (37:2)
262 PE (36:2)
263 PE (36:3)
287 SM (d18:1/22:0)
289 SM (d18:1/24:0)
281 SM (d18:1/14:0)
286 SM (d18:1/21:0)
284 SM (d18:1/20:0)
277 SM (d31:1)
288 SM (d18:1/23:0)
239 PC (36:3)
247 PC (38:2)
235 PC (34:0)
237 PC (36:1)
249 PC (38:4)
279 SM (d16:1/20:0)
291 SM (d18:2/24:0)
280 SM (d16:1/20:1)
285 SM (d18:1/20:1)
290 SM (d18:2/23:0)
283 SM (d18:1/19:1)
292 SM (d18:2/24:1)
204 CE (18:3)
231 PC (18:1/16:0)
240 PC (36:4)
230 PC (16:0/16:0)
278 SM (34:0)
282 SM (d18:1/16:0)
227 CE (18:1)
205 CE (20:4)
211 Cholesterol
236 PC (34:2)
242 PC (36:5)
203 CE (18:2)
238 PC (36:3)
96 fructose
100 dehydroascorbic acid
257 PC (42:5)
256 PC (40:7)
254 PC (40:5)
252 PC (40:3)
206 CE (20:5)
232 PC (38:6)