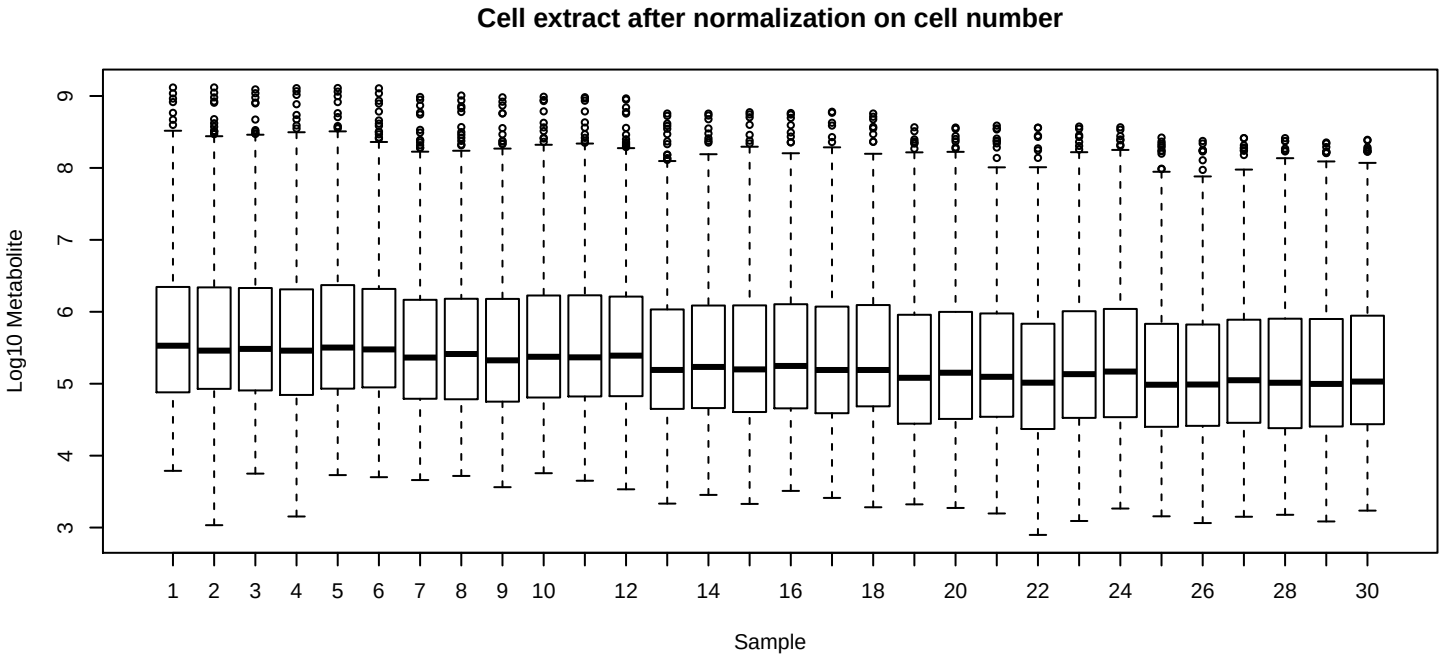
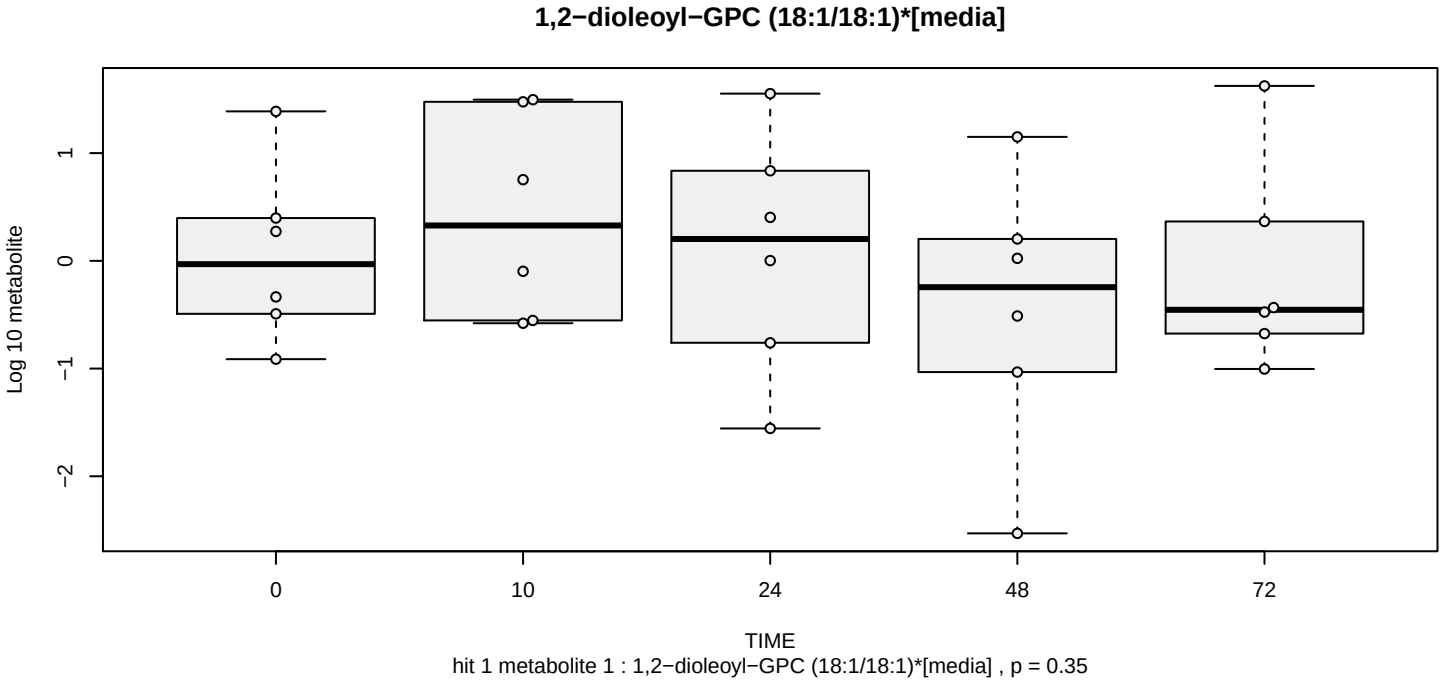
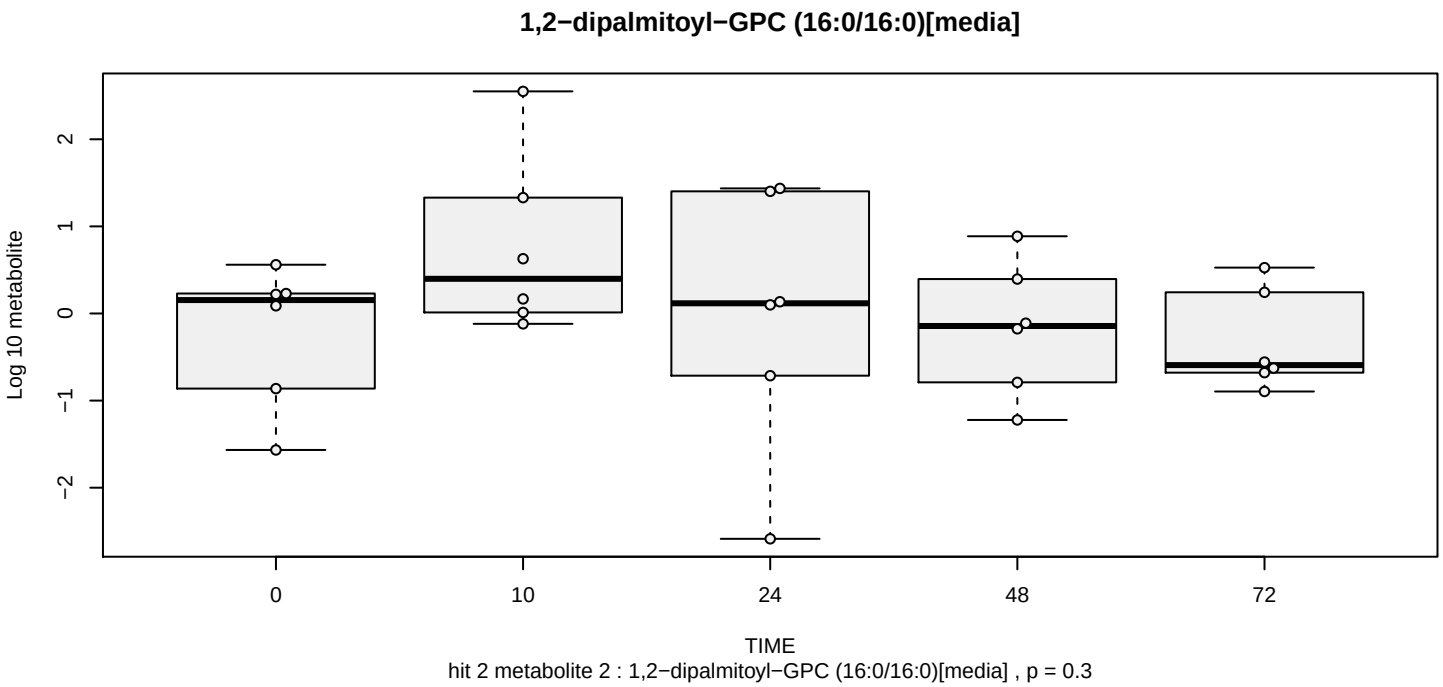
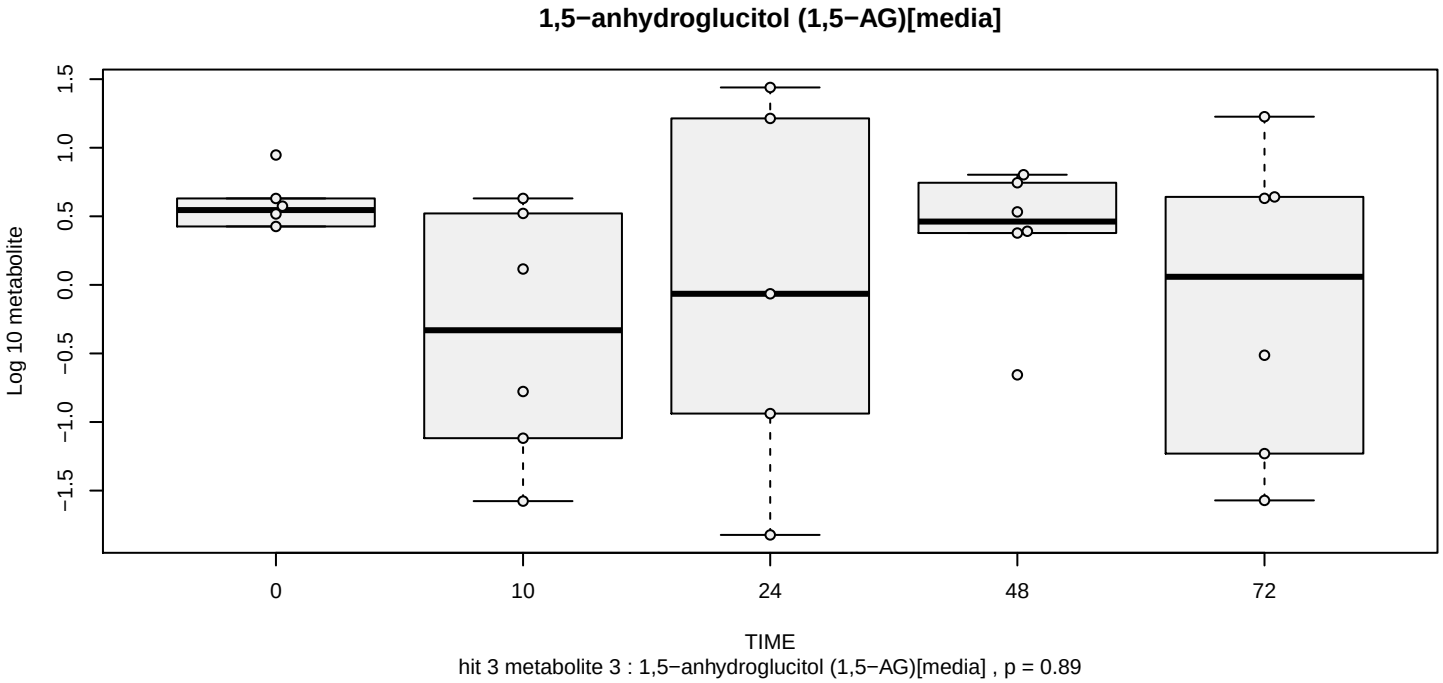




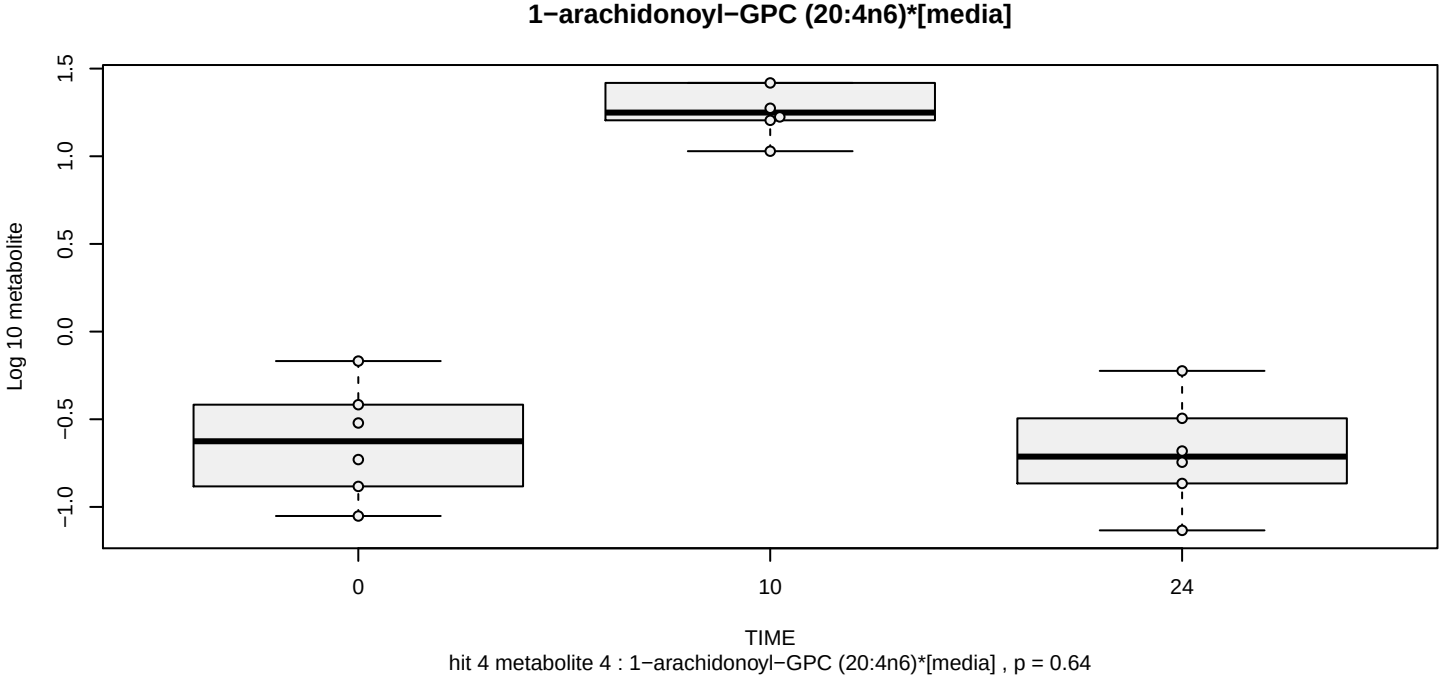
hit 1 metabolite 1 : 1,2−dioleoyl−GPC (18:1/18:1)*[media] , p = 0.35



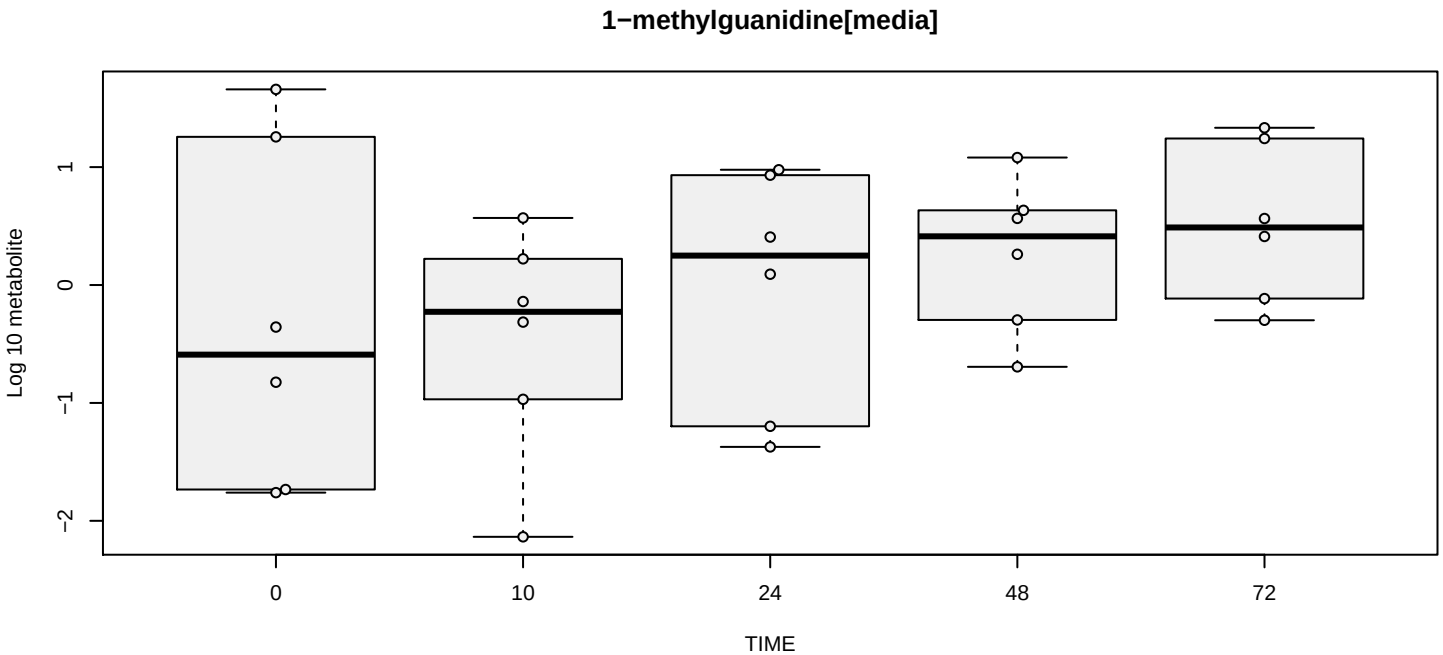
hit 2 metabolite 2 : 1,2−dipalmitoyl−GPC (16:0/16:0)[media] , p = 0.3



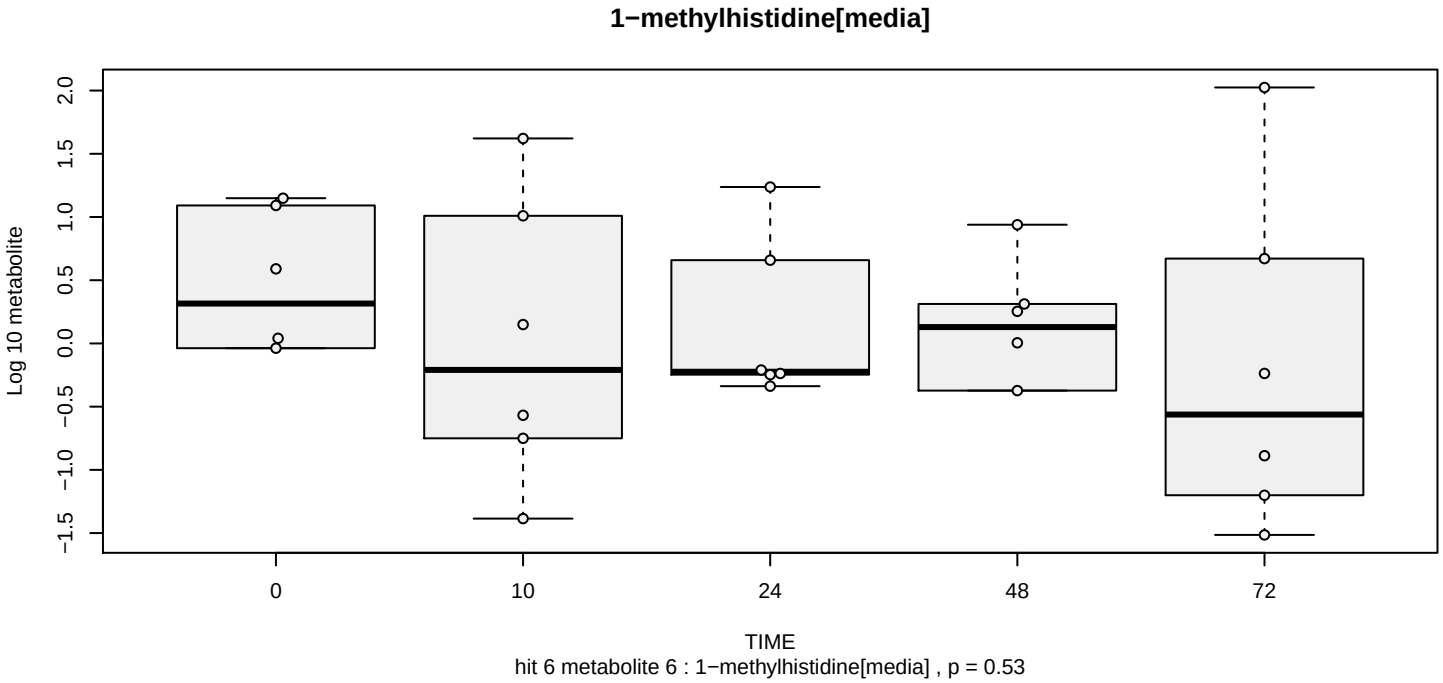
hit 3 metabolite 3 : 1,5−anhydroglucitol (1,5−AG)[media] , p = 0.89



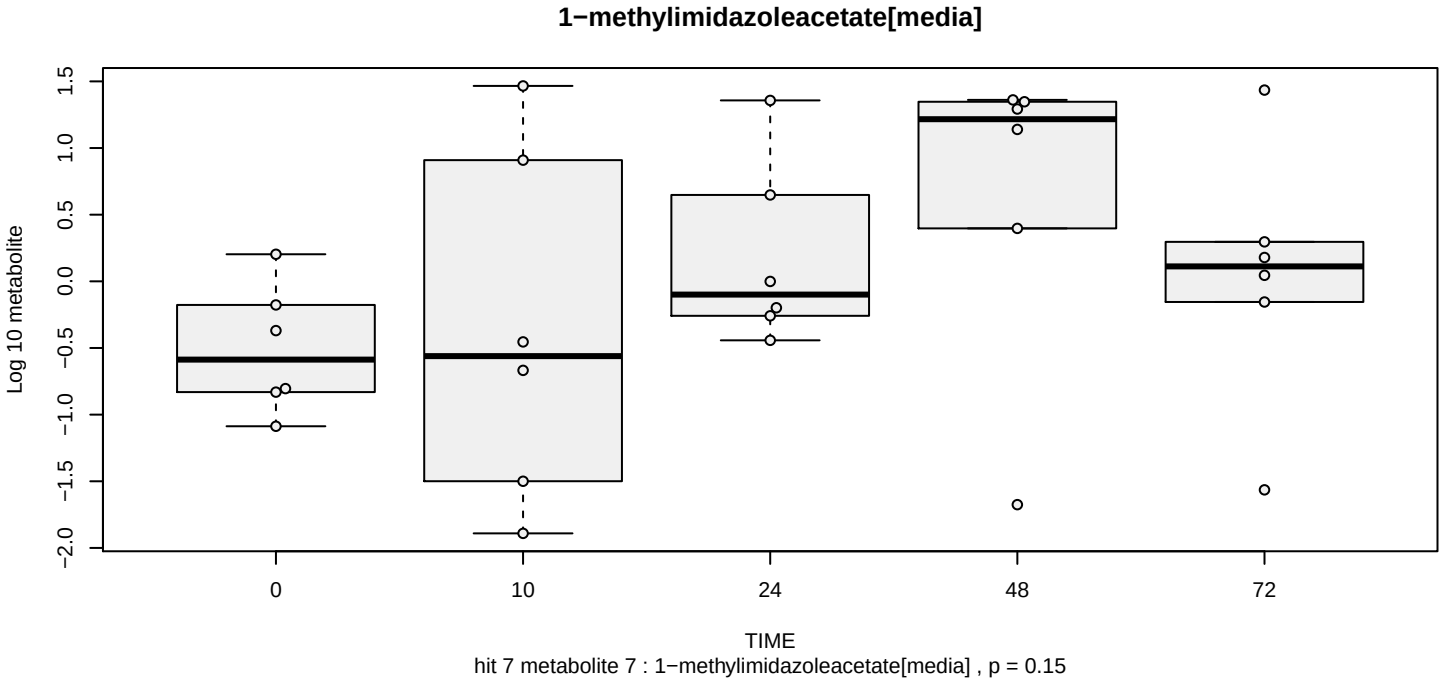
hit 4 metabolite 4 : 1−arachidonoyl−GPC (20:4n6)*[media] , p = 0.64



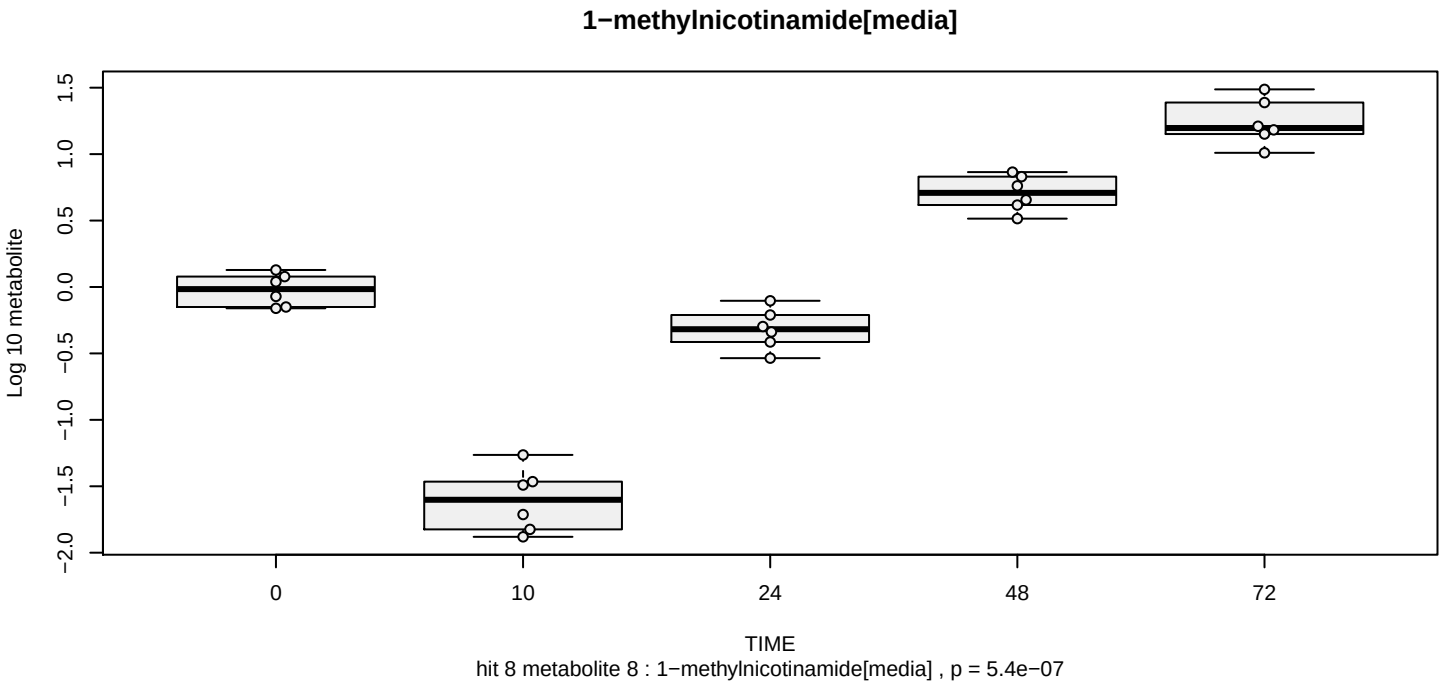
hit 5 metabolite 5 : 1−methylguanidine[media] , p = 0.059



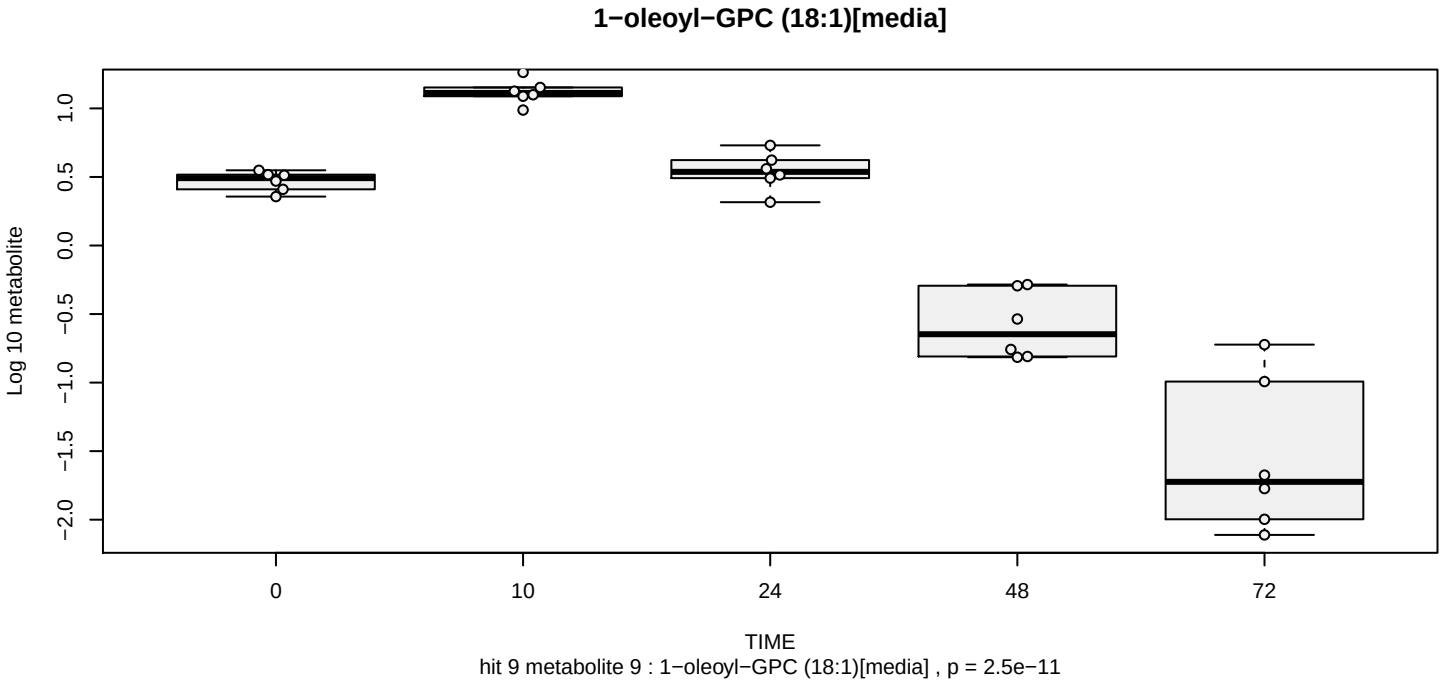
hit 6 metabolite 6 : 1−methylhistidine[media] , p = 0.53



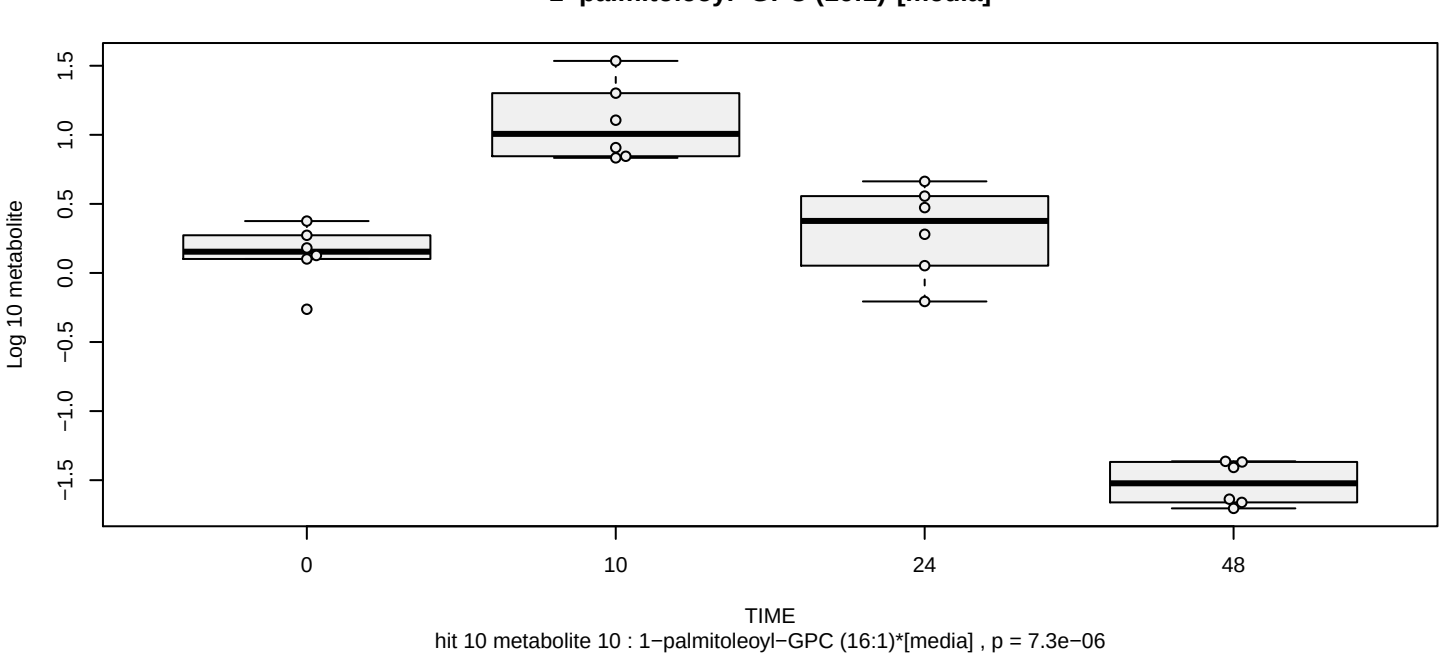
hit 7 metabolite 7 : 1−methylimidazoleacetate[media] , p = 0.15



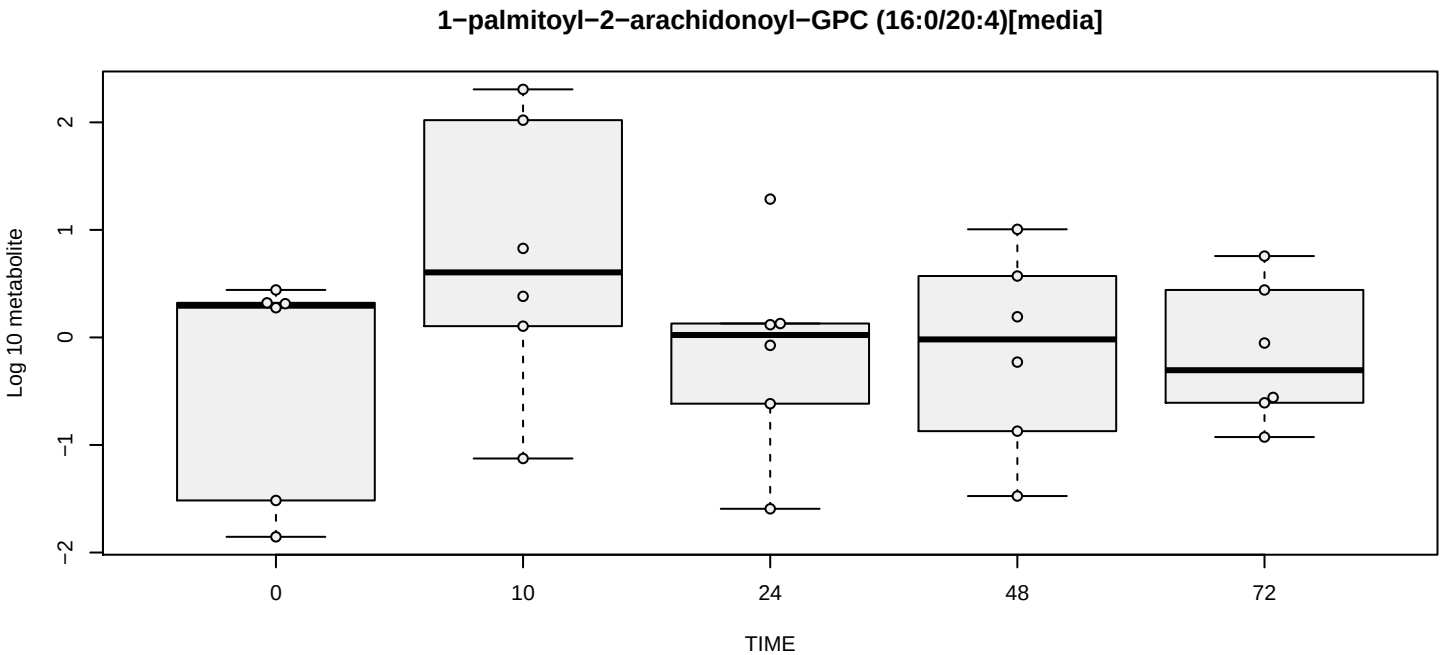
hit 8 metabolite 8 : 1−methylnicotinamide[media] , p = 5.4e−07



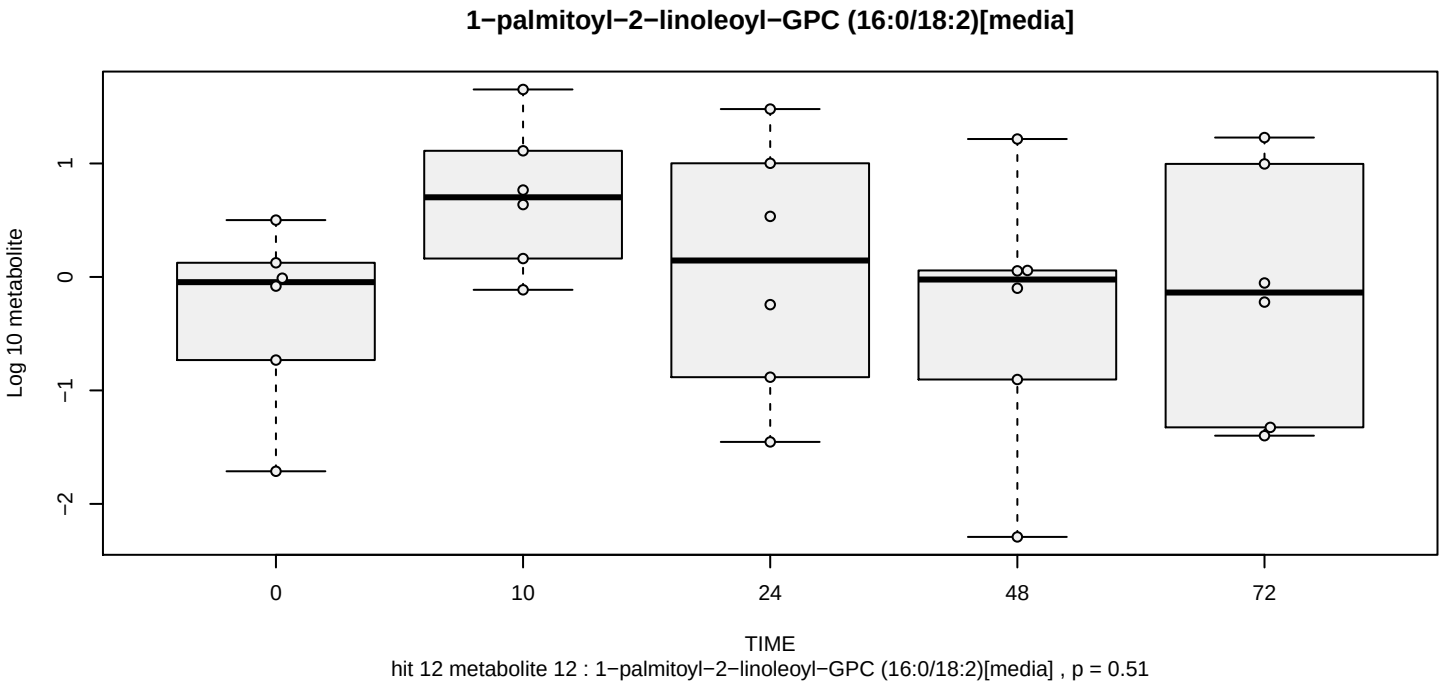
hit 9 metabolite 9 : 1−oleoyl−GPC (18:1)[media] , p = 2.5e−11



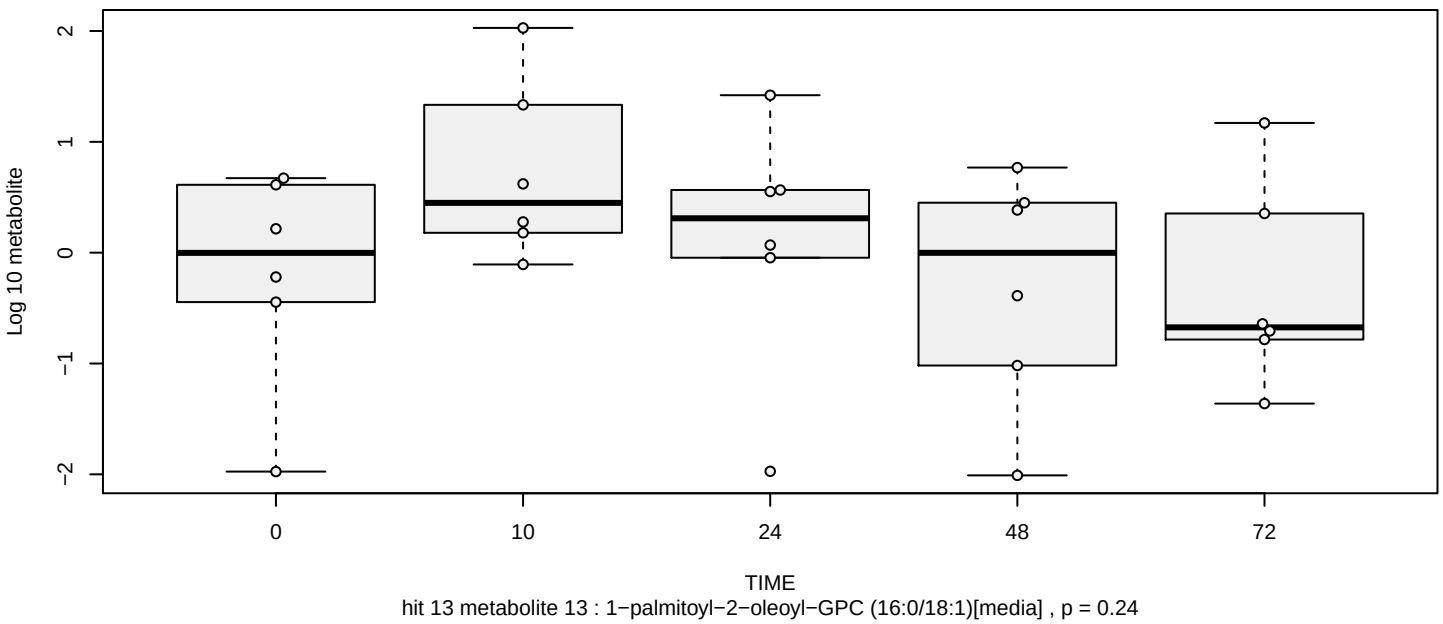
hit 10 metabolite 10 : 1−palmitoleoyl−GPC (16:1)*[media] , p = 7.3e−06



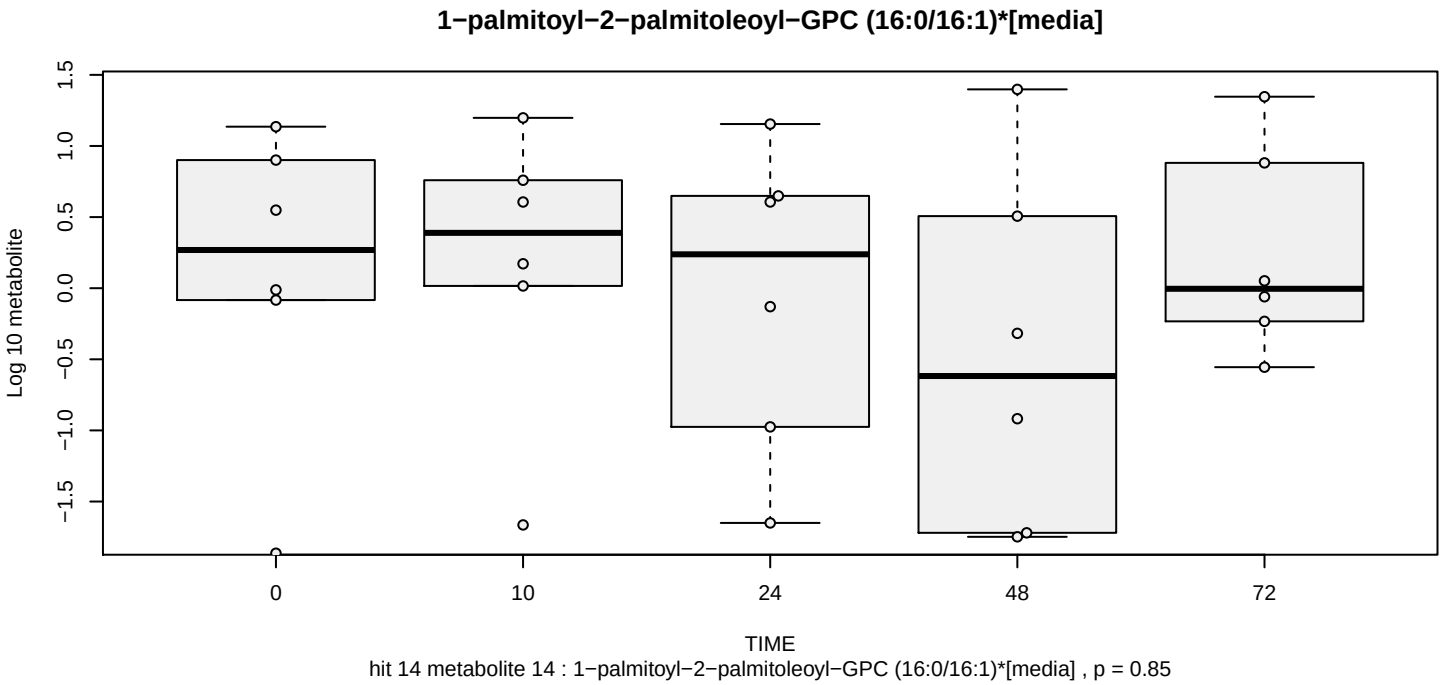
hit 11 metabolite 11 : 1−palmitoyl−2−arachidonoyl−GPC (16:0/20:4)[media] , p = 0.59



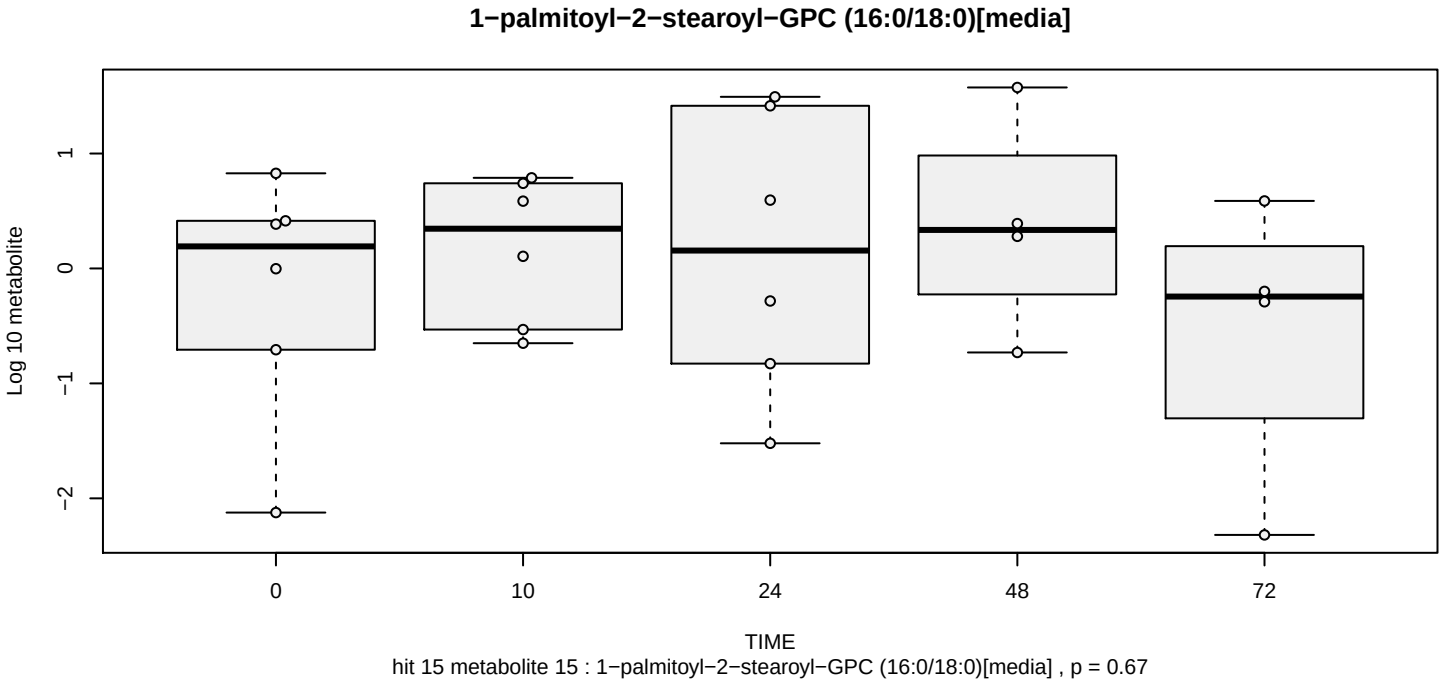
hit 12 metabolite 12 : 1−palmitoyl−2−linoleoyl−GPC (16:0/18:2)[media] , p = 0.51



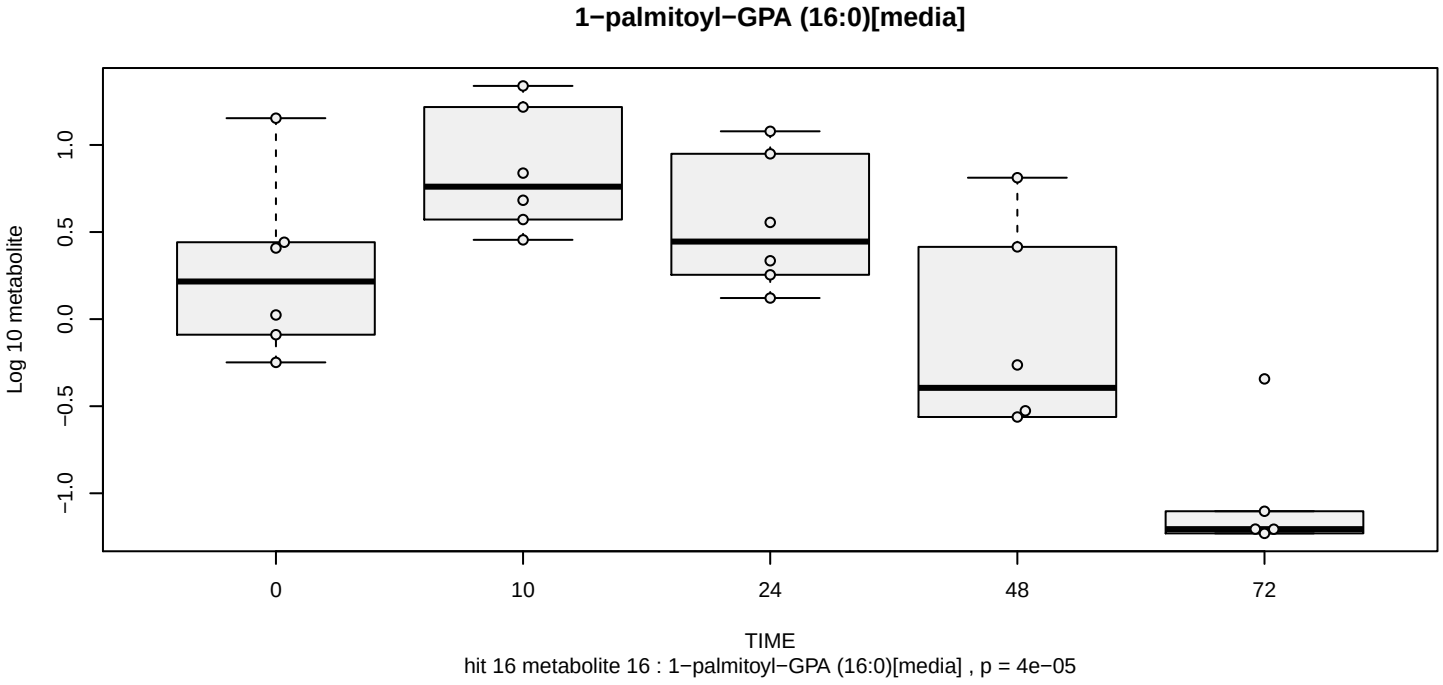
hit 13 metabolite 13 : 1−palmitoyl−2−oleoyl−GPC (16:0/18:1)[media] , p = 0.24



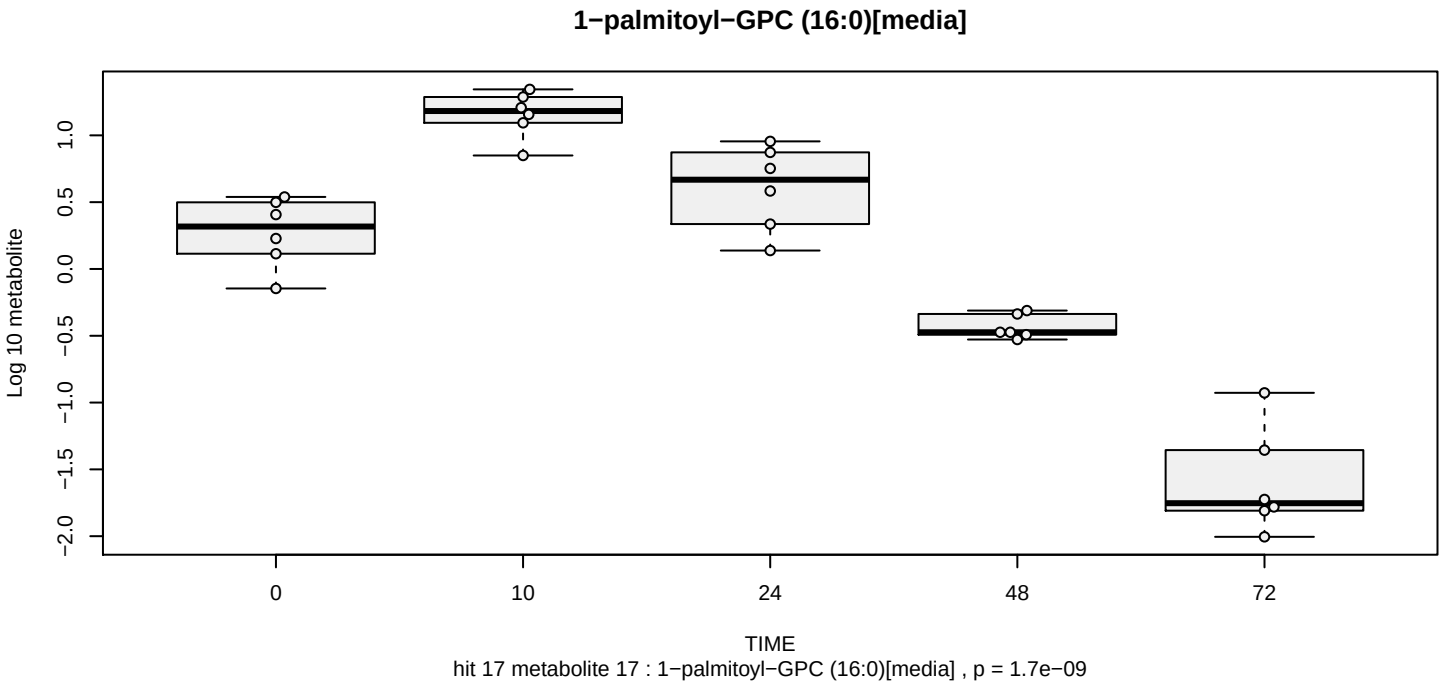
hit 14 metabolite 14 : 1−palmitoyl−2−palmitoleoyl−GPC (16:0/16:1)*[media] , p = 0.85



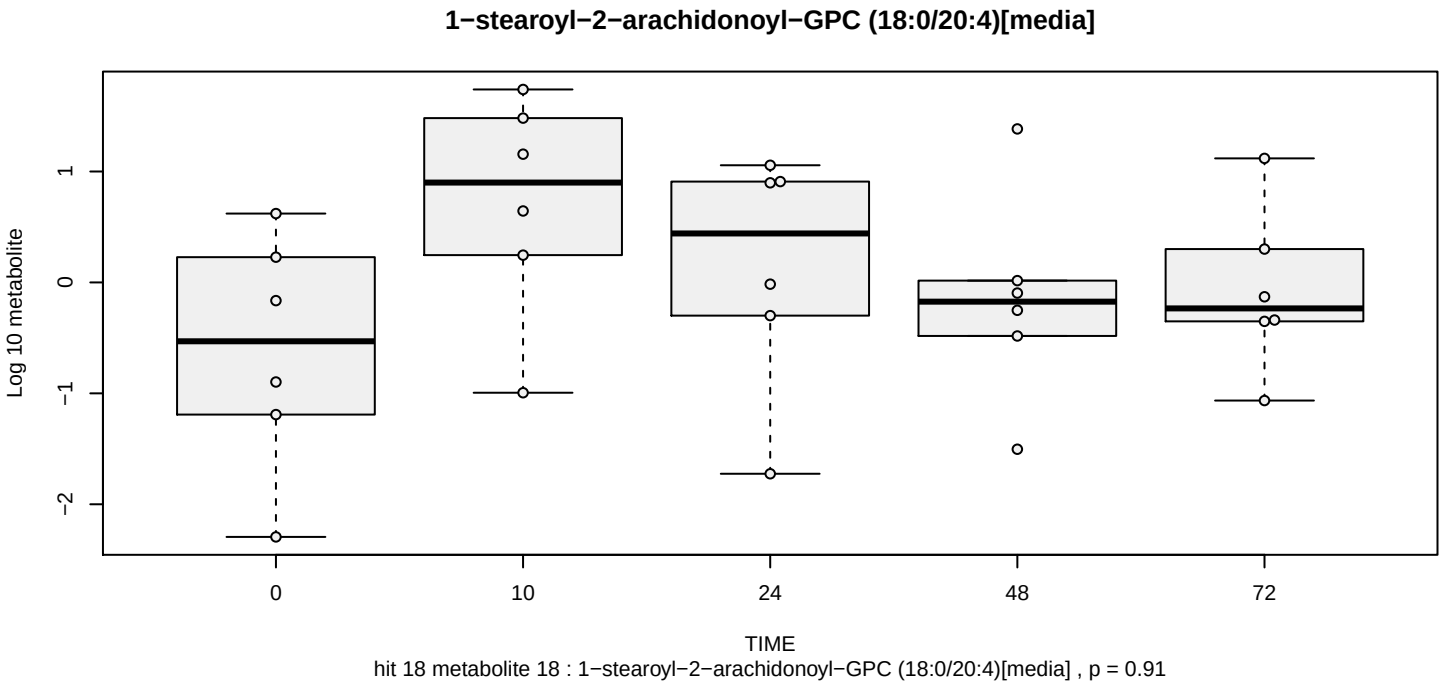
hit 15 metabolite 15 : 1−palmitoyl−2−stearoyl−GPC (16:0/18:0)[media] , p = 0.67



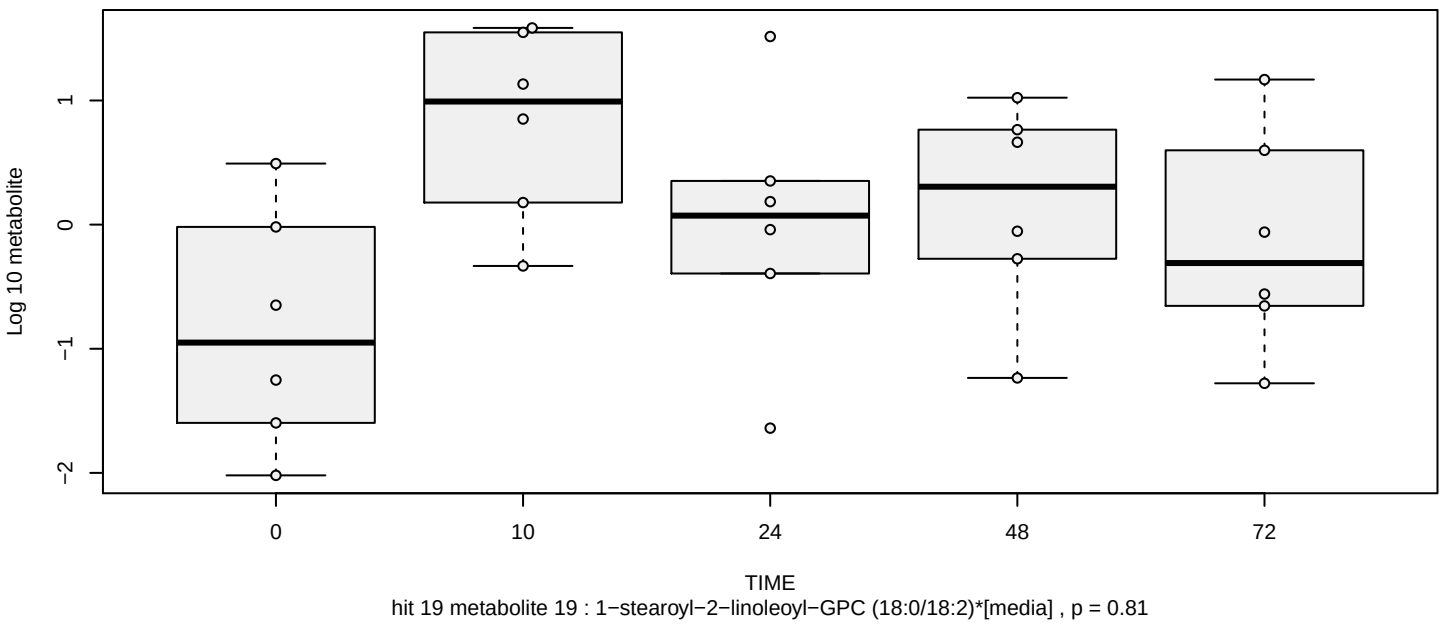
hit 16 metabolite 16 : 1−palmitoyl−GPA (16:0)[media] , p = 4e−05



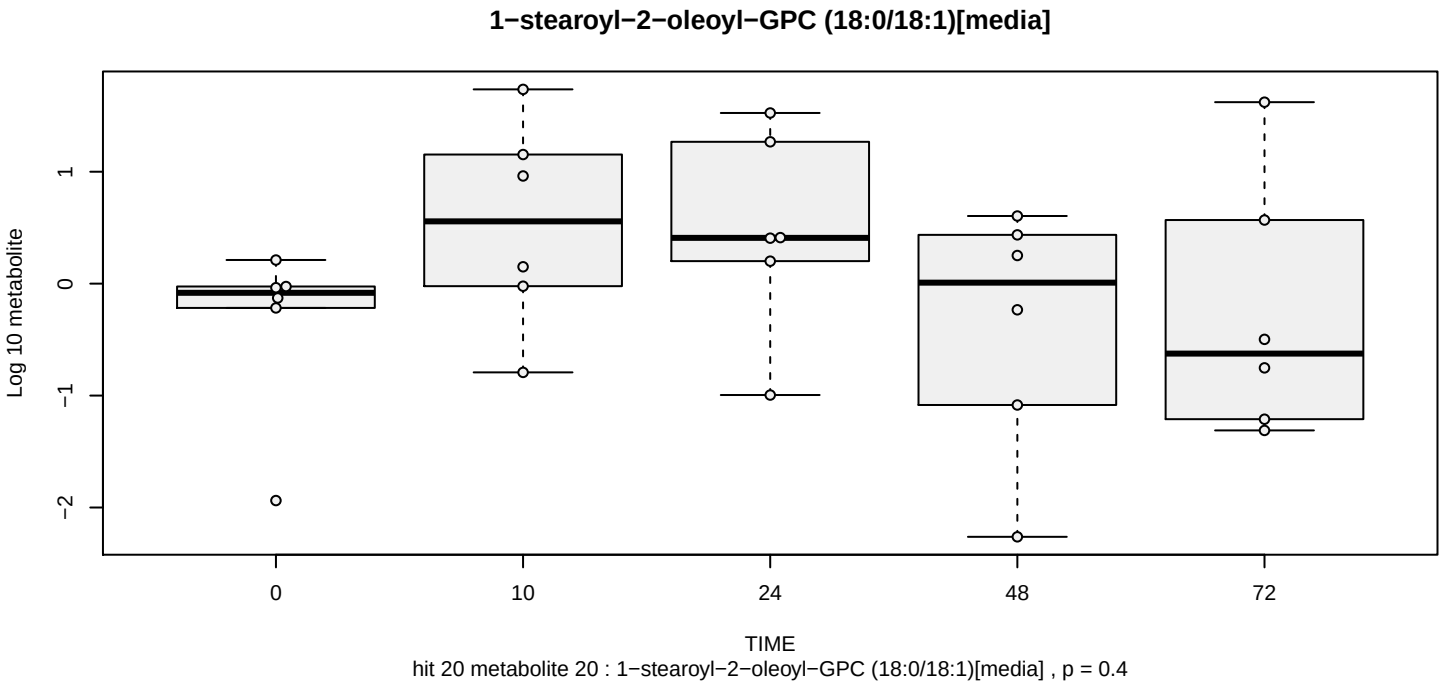
hit 17 metabolite 17 : 1−palmitoyl−GPC (16:0)[media] , p = 1.7e−09



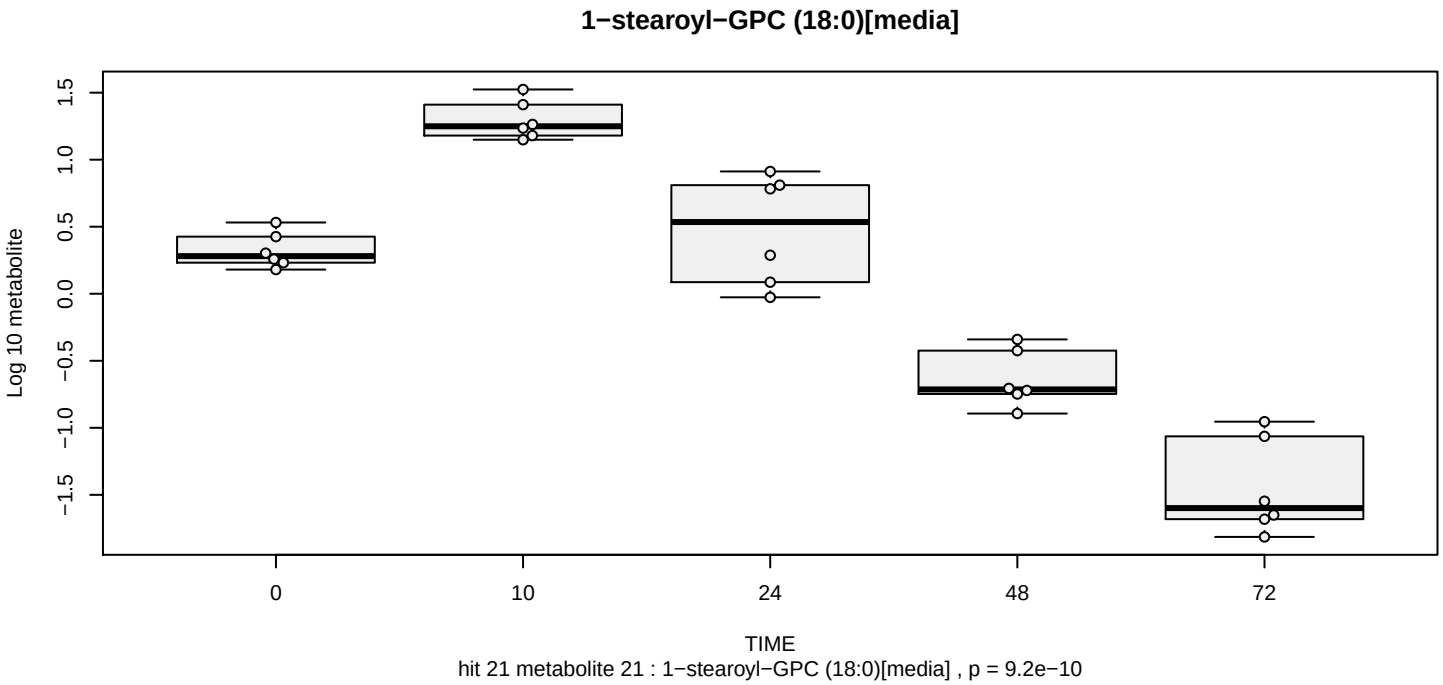
hit 18 metabolite 18 : 1−stearoyl−2−arachidonoyl−GPC (18:0/20:4)[media] , p = 0.91



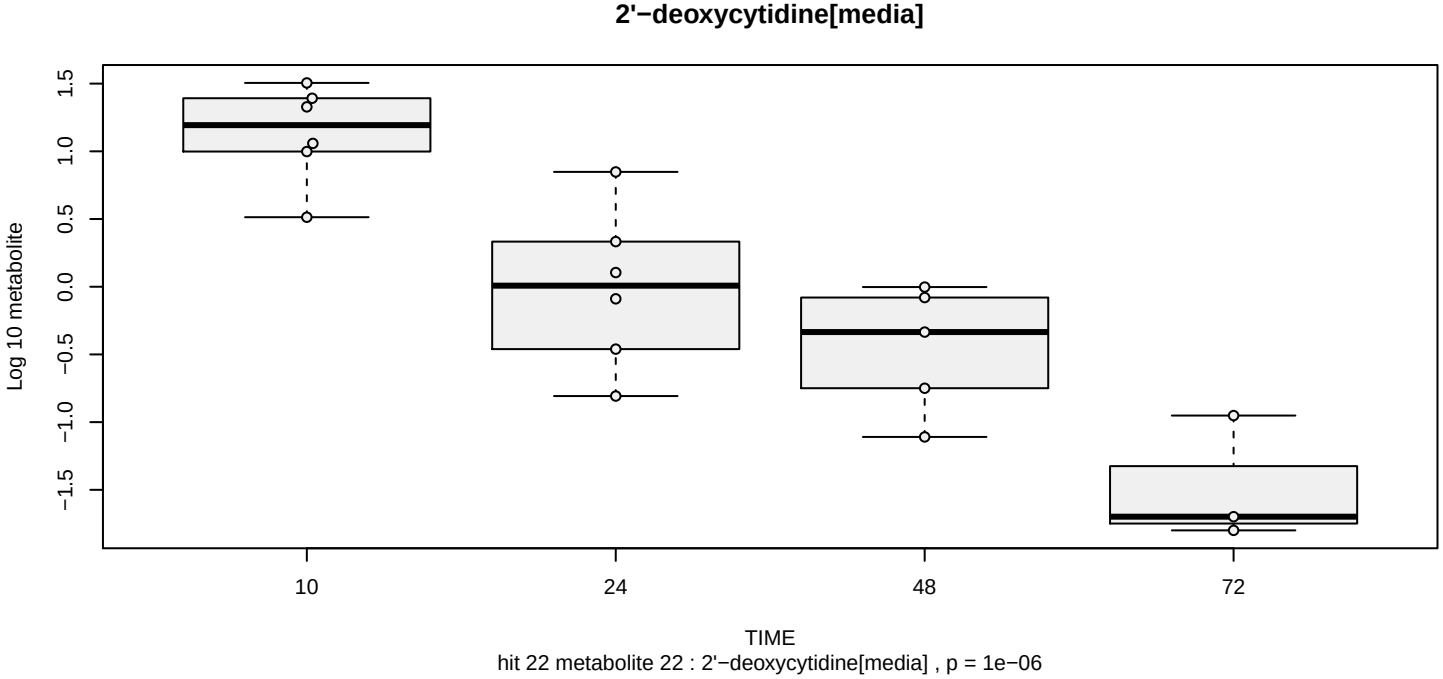
hit 19 metabolite 19 : 1−stearoyl−2−linoleoyl−GPC (18:0/18:2)*[media] , p = 0.81



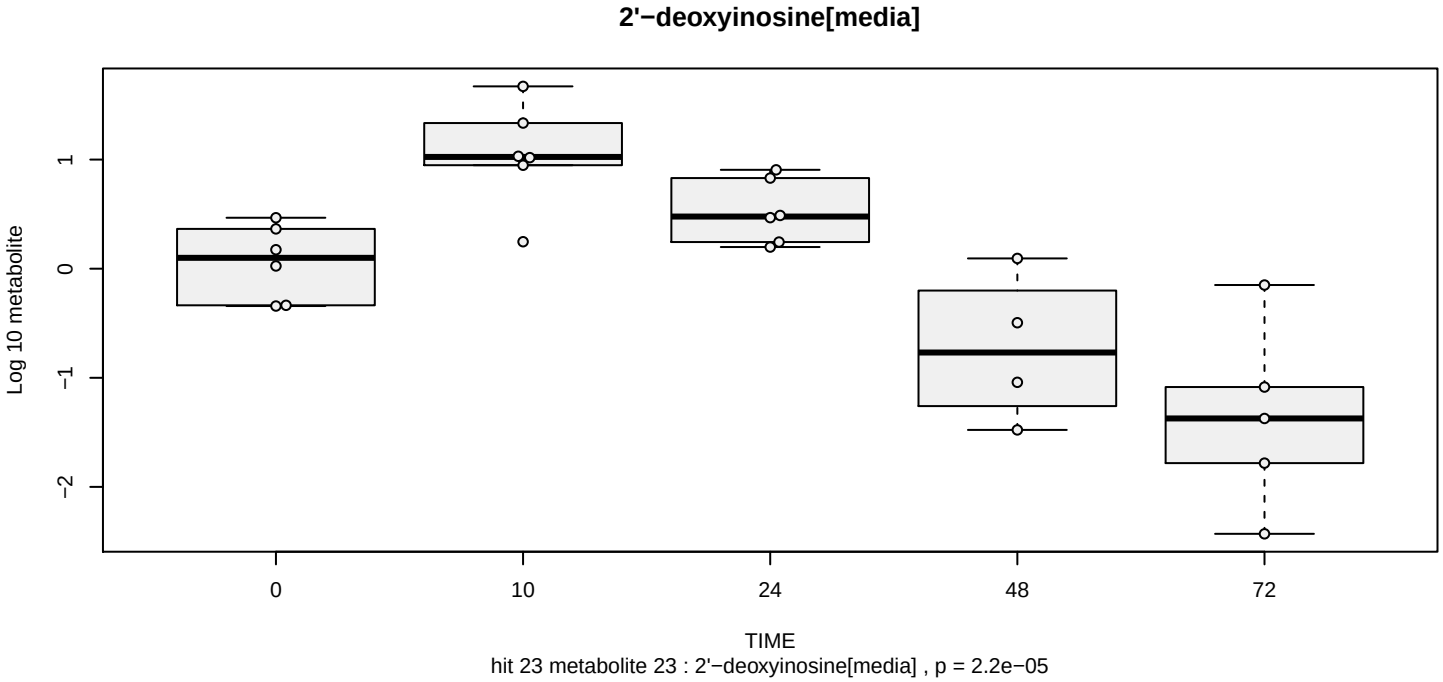
hit 20 metabolite 20 : 1−stearoyl−2−oleoyl−GPC (18:0/18:1)[media] , p = 0.4



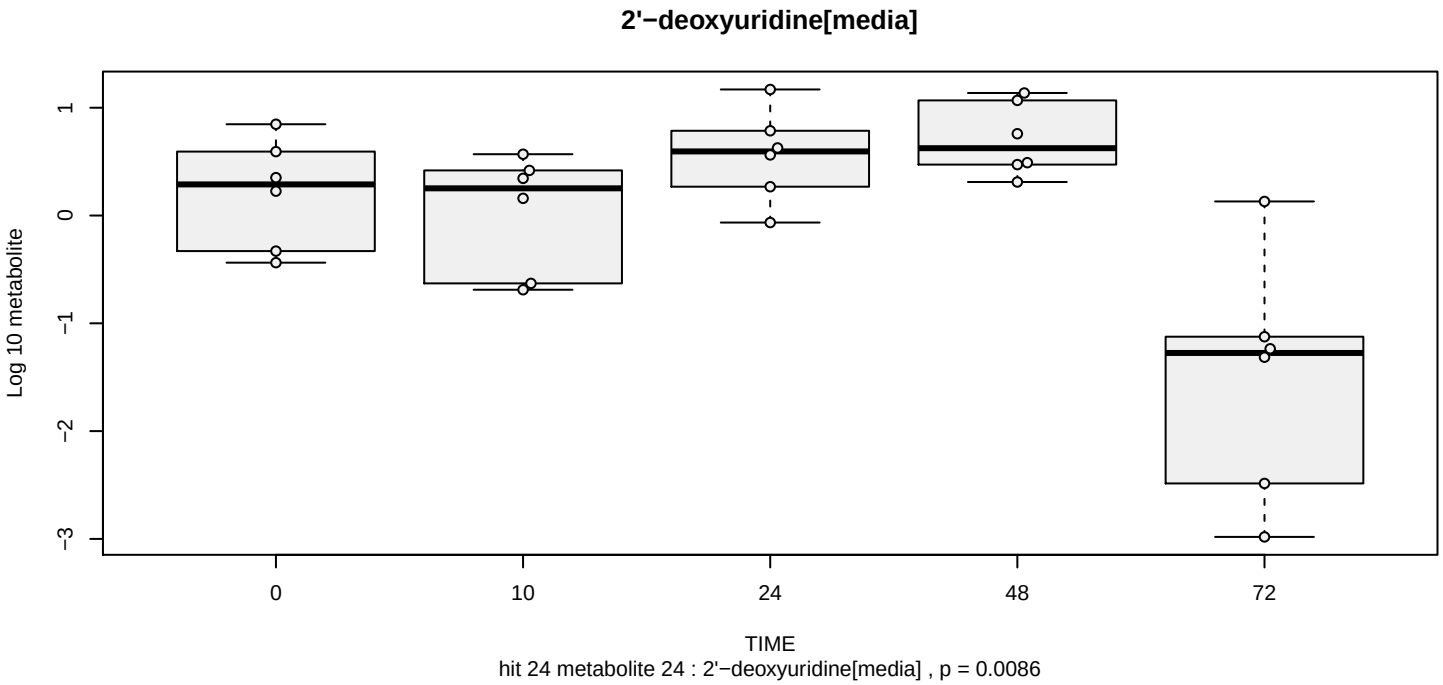
hit 21 metabolite 21 : 1−stearoyl−GPC (18:0)[media] , p = 9.2e−10



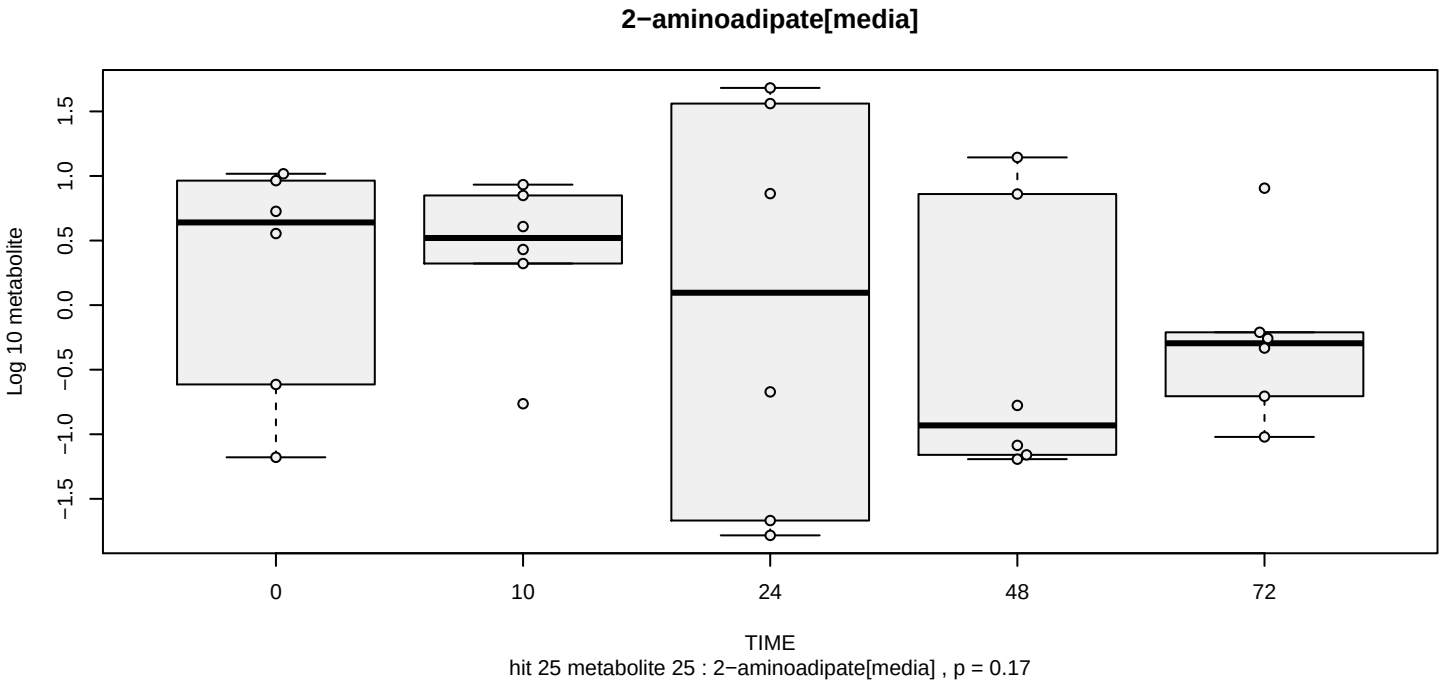
hit 22 metabolite 22 : 2'−deoxycytidine[media] , p = 1e−06



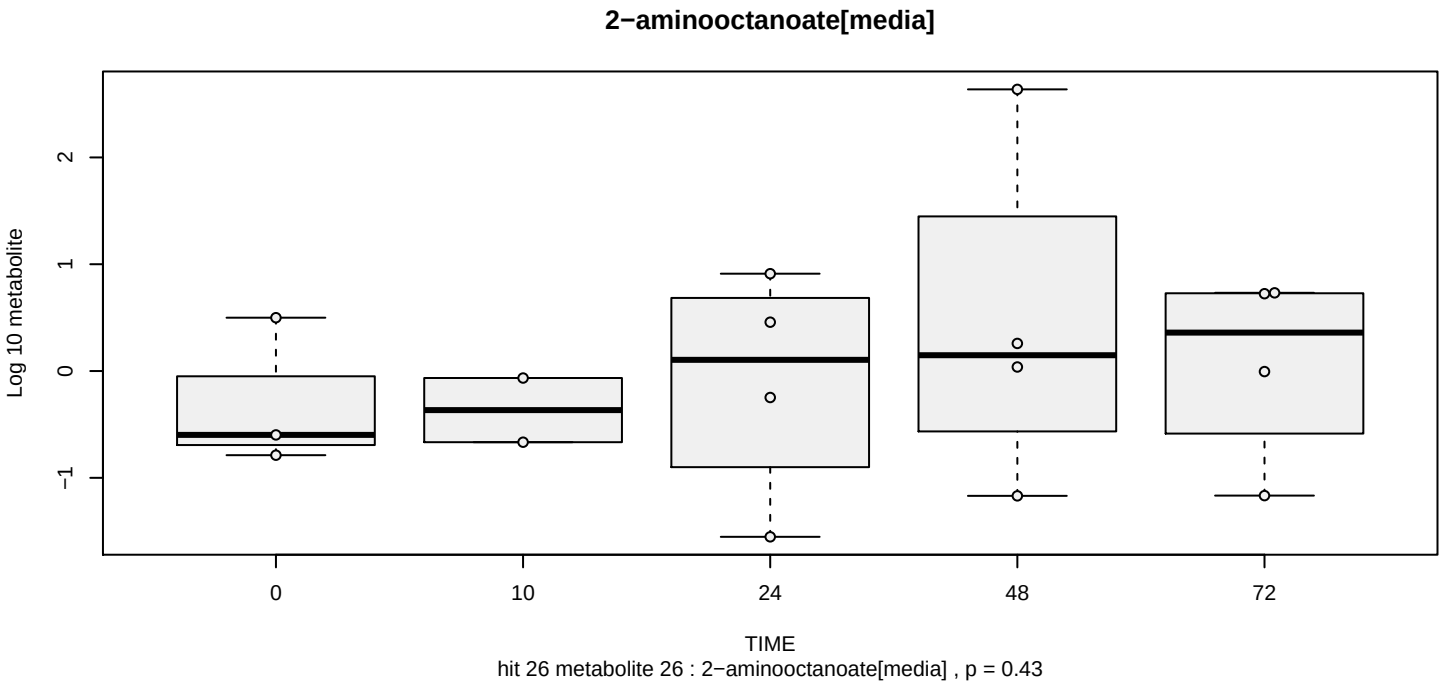
hit 23 metabolite 23 : 2'−deoxyinosine[media] , p = 2.2e−05



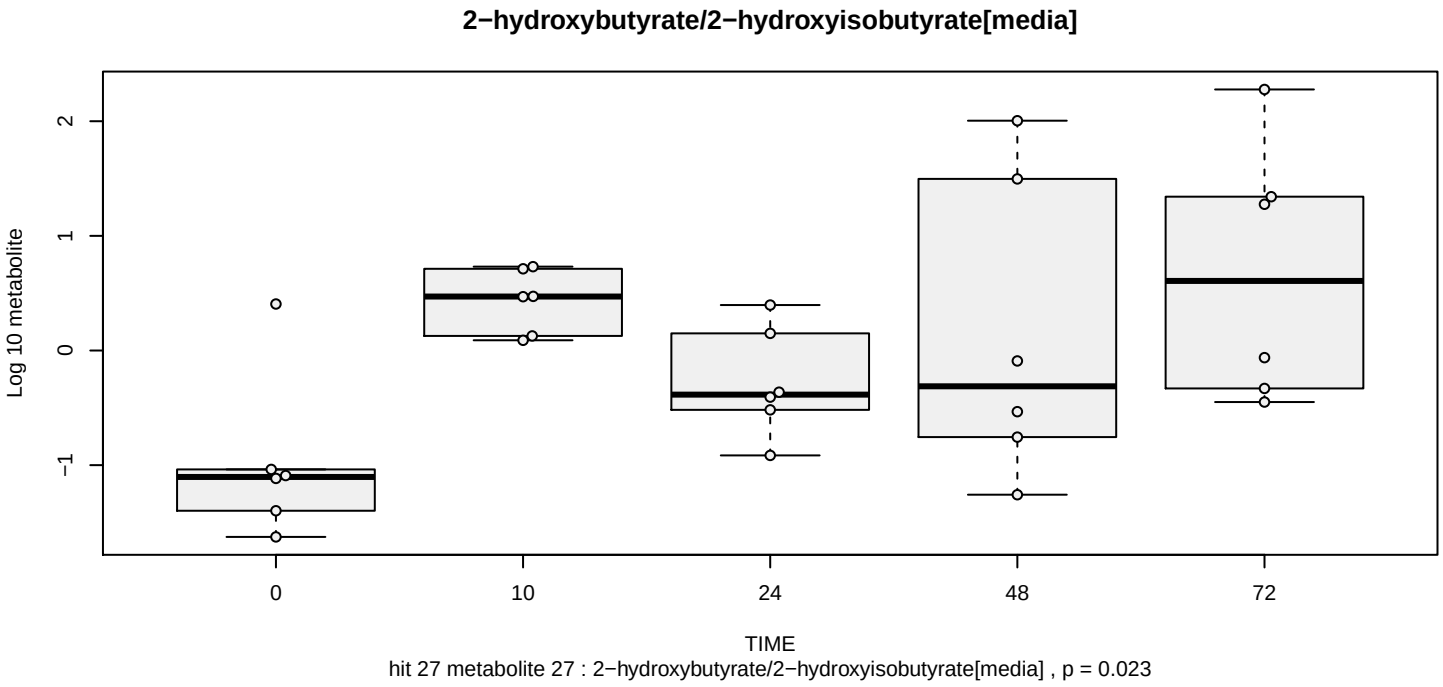
hit 24 metabolite 24 : 2'−deoxyuridine[media] , p = 0.0086



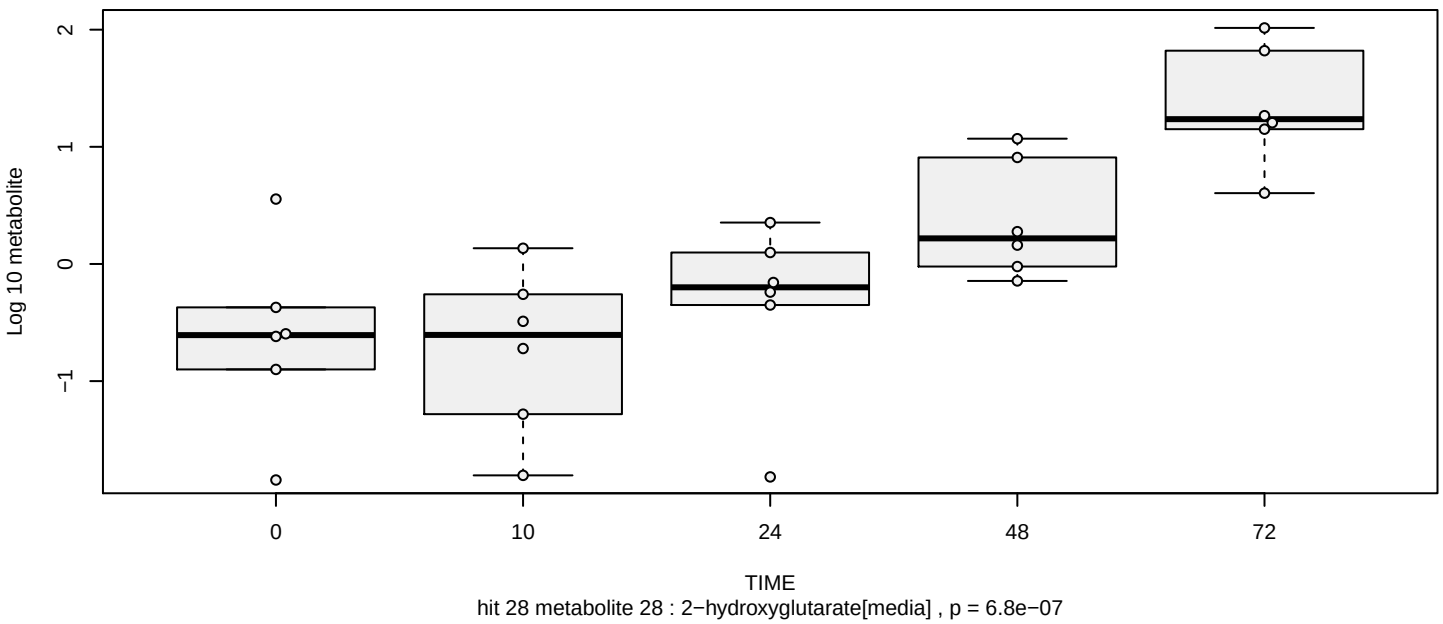
hit 25 metabolite 25 : 2−aminoadipate[media] , p = 0.17



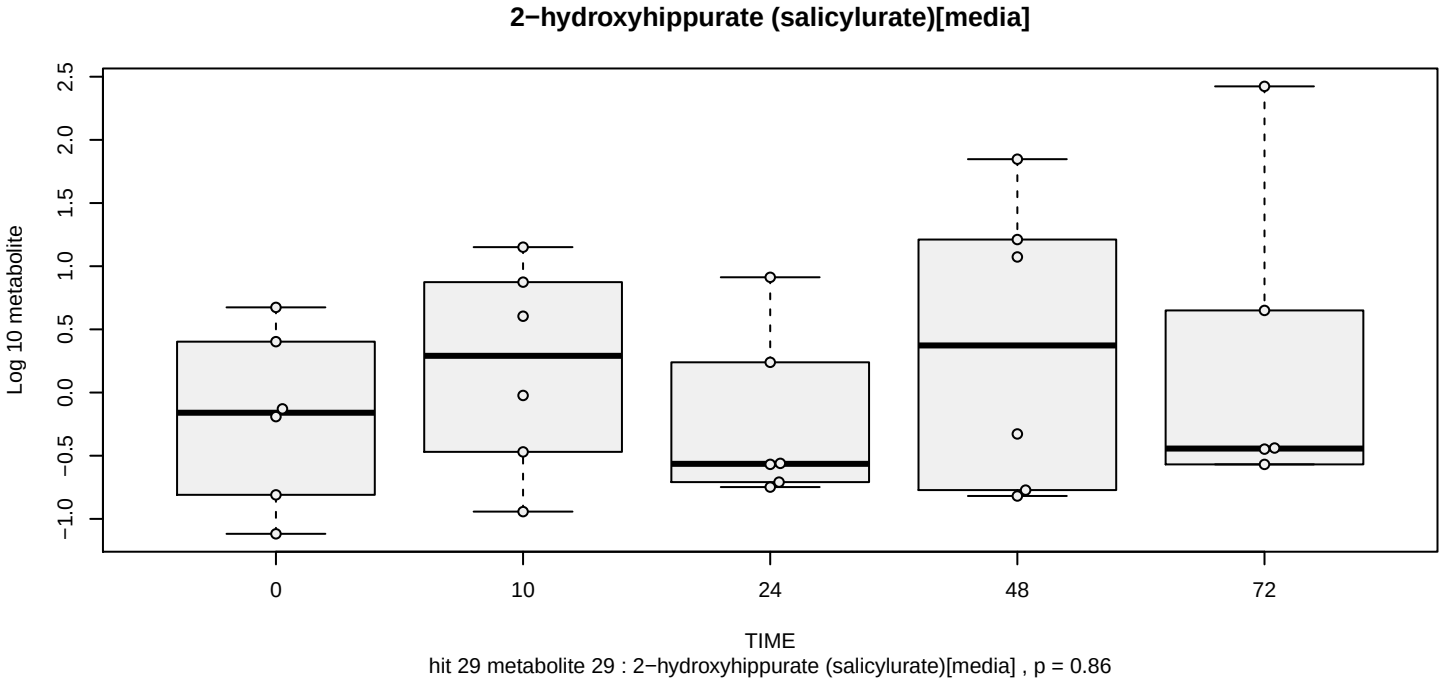
hit 26 metabolite 26 : 2−aminooctanoate[media] , p = 0.43



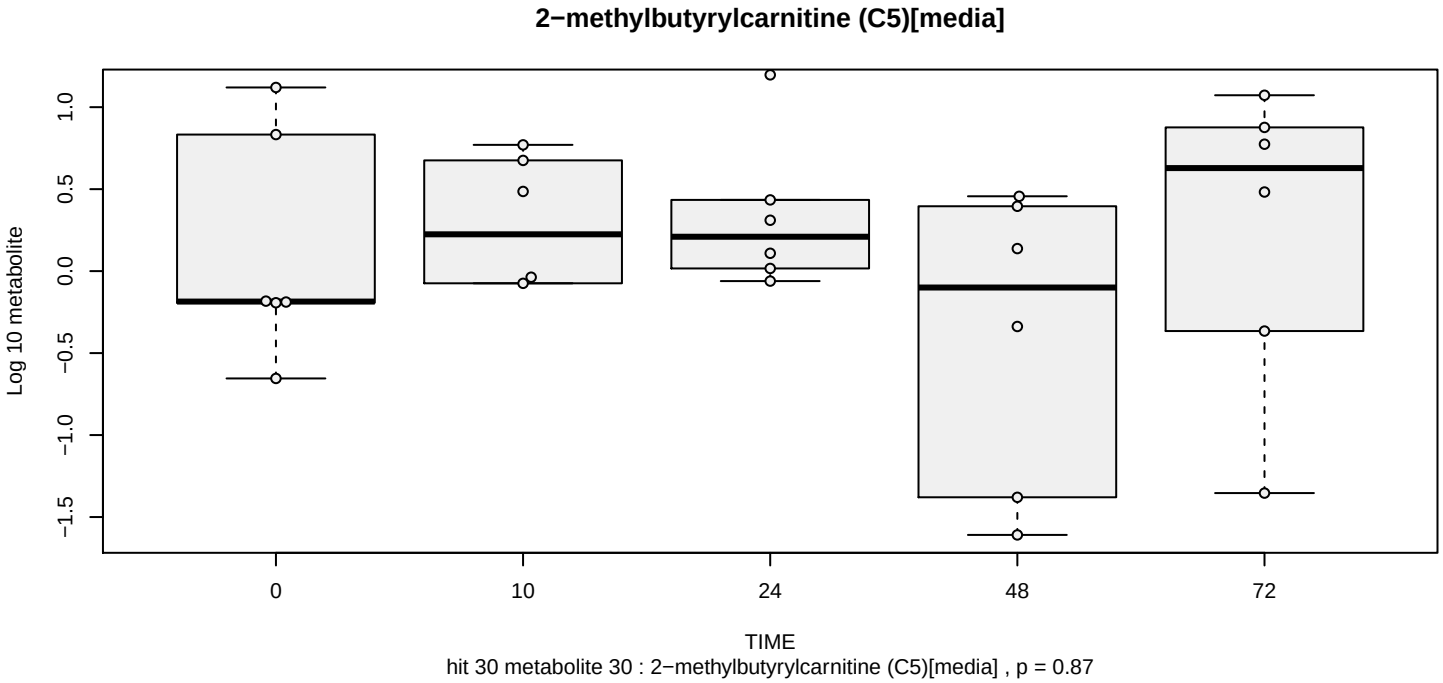
hit 27 metabolite 27 : 2−hydroxybutyrate/2−hydroxyisobutyrate[media] , p = 0.023



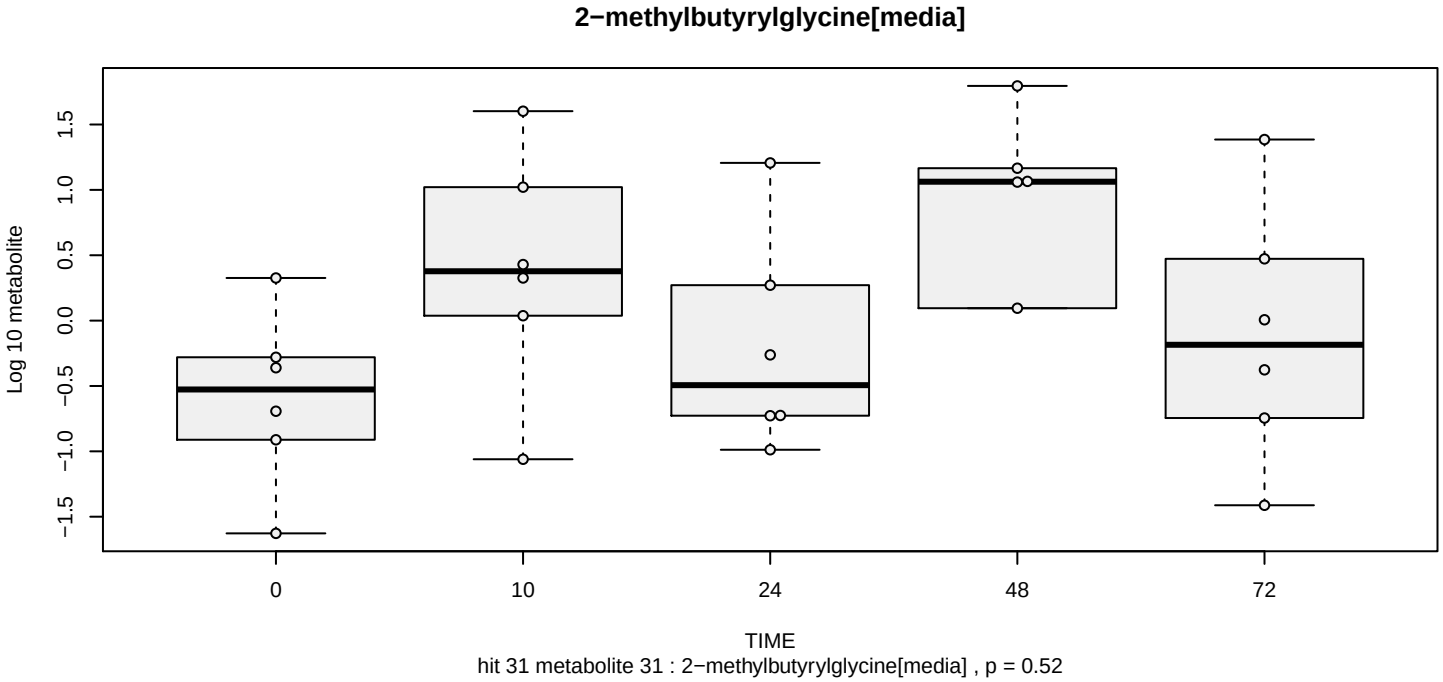
hit 28 metabolite 28 : 2−hydroxyglutarate[media] , p = 6.8e−07



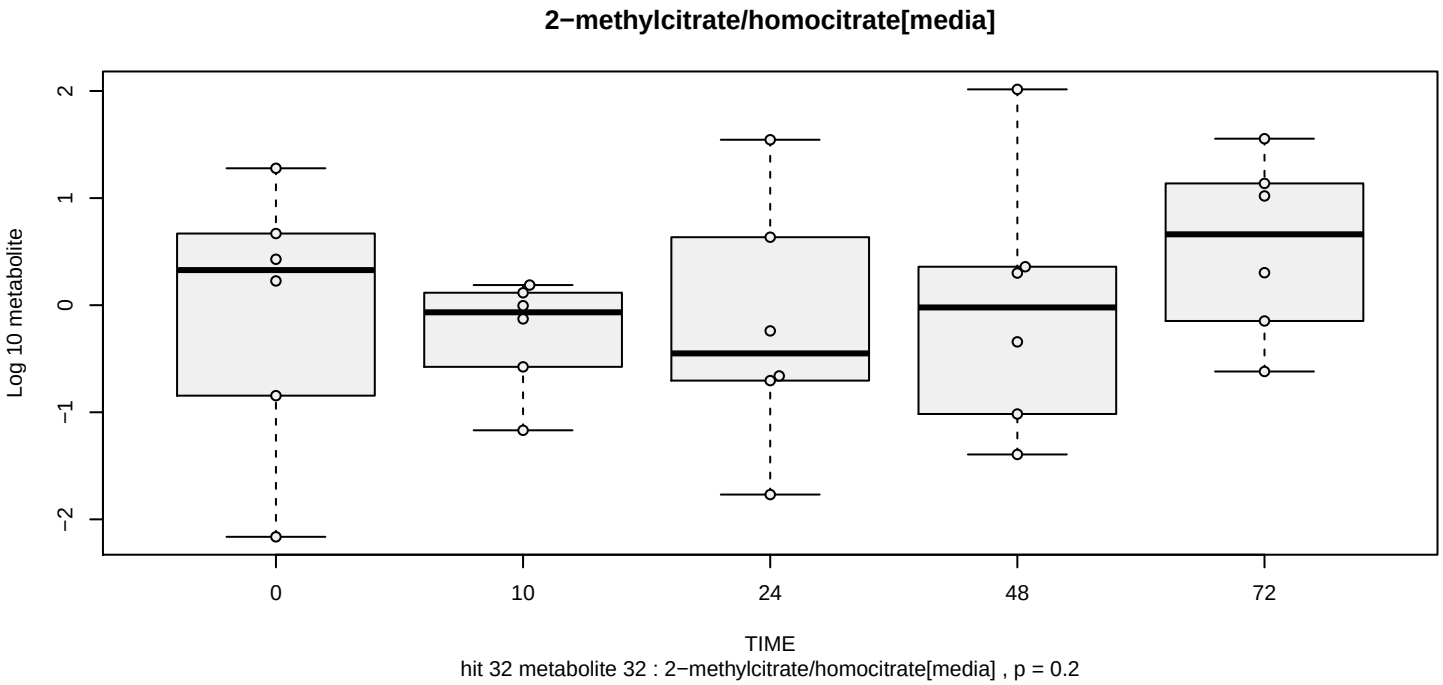
hit 29 metabolite 29 : 2−hydroxyhippurate (salicylurate)[media] , p = 0.86



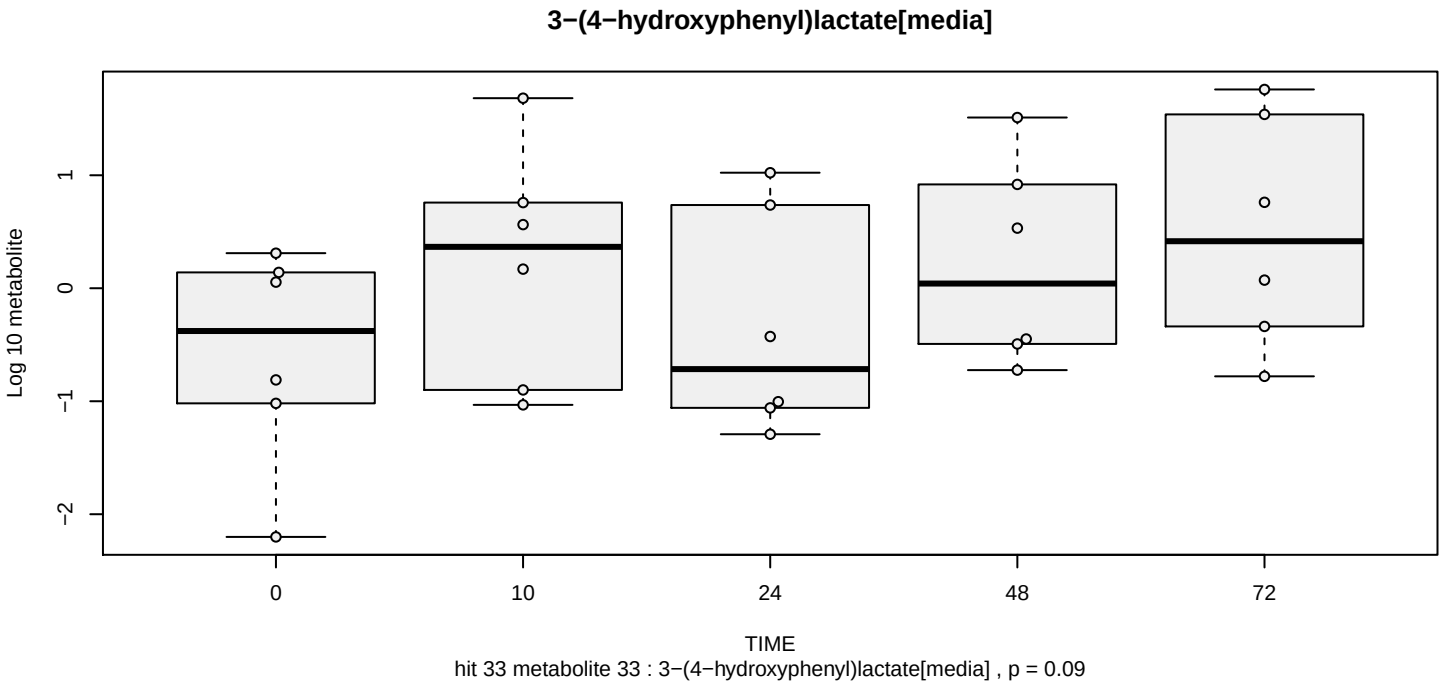
hit 30 metabolite 30 : 2−methylbutyrylcarnitine (C5)[media] , p = 0.87



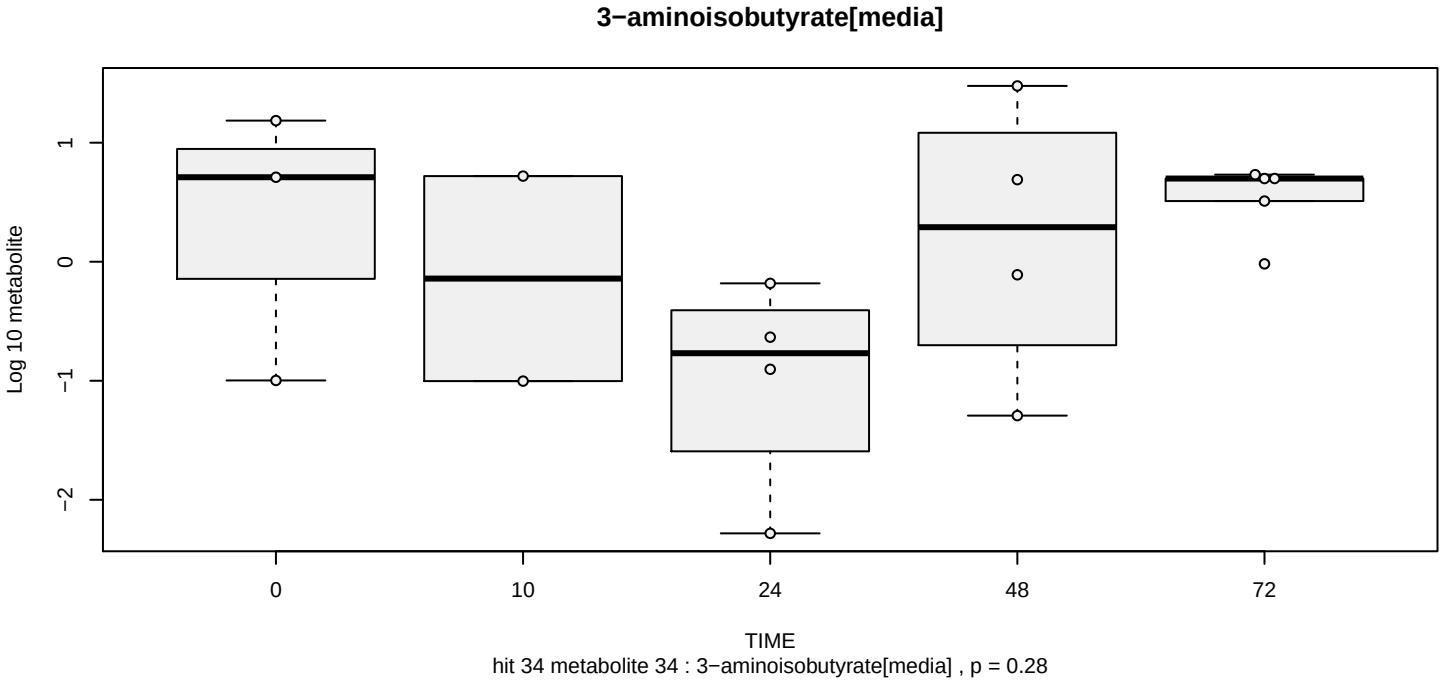
hit 31 metabolite 31 : 2−methylbutyrylglycine[media] , p = 0.52



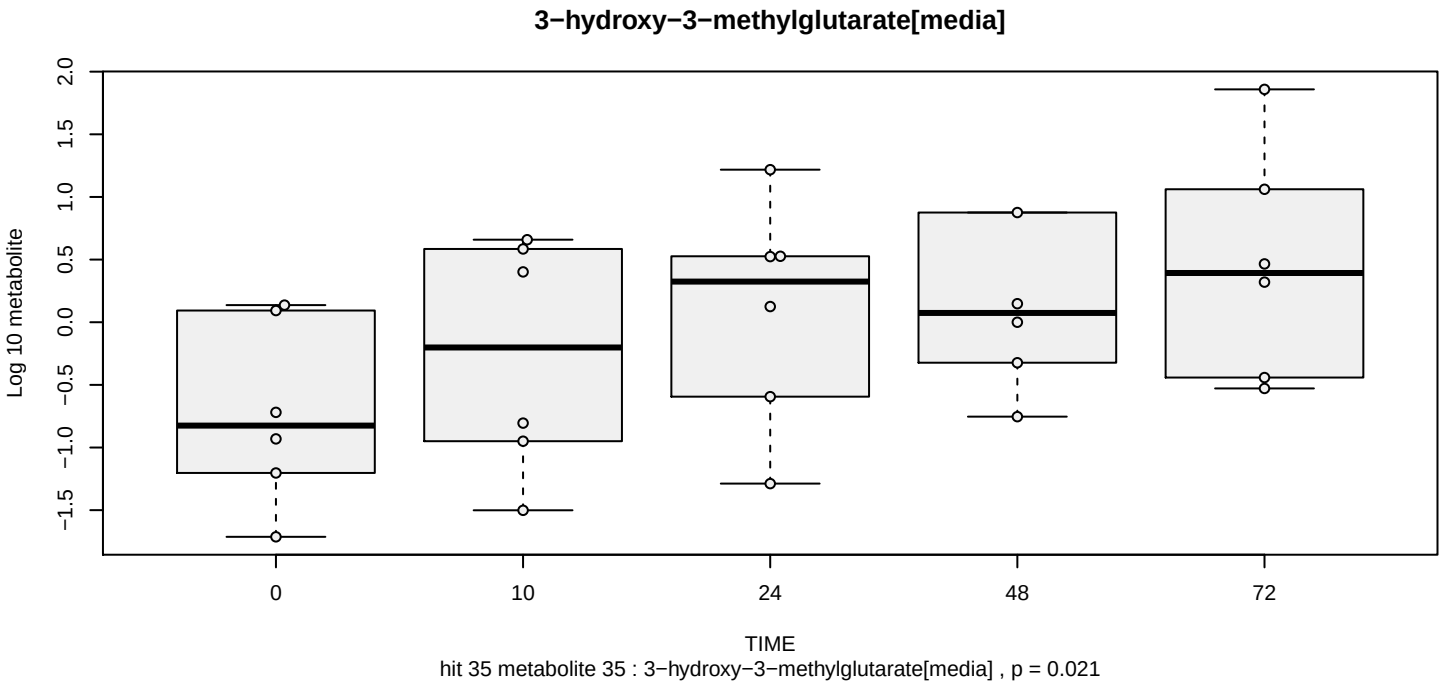
hit 32 metabolite 32 : 2−methylcitrate/homocitrate[media] , p = 0.2



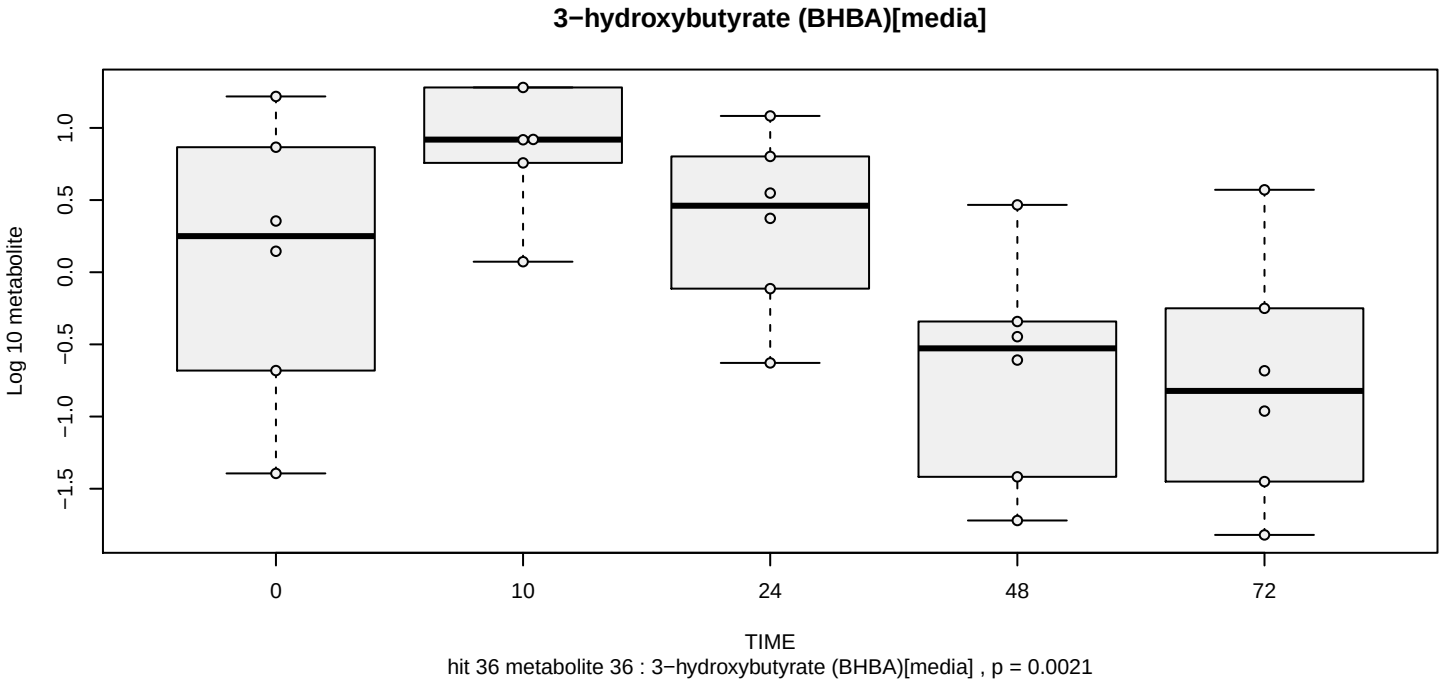
hit 33 metabolite 33 : 3−(4−hydroxyphenyl)lactate[media] , p = 0.09



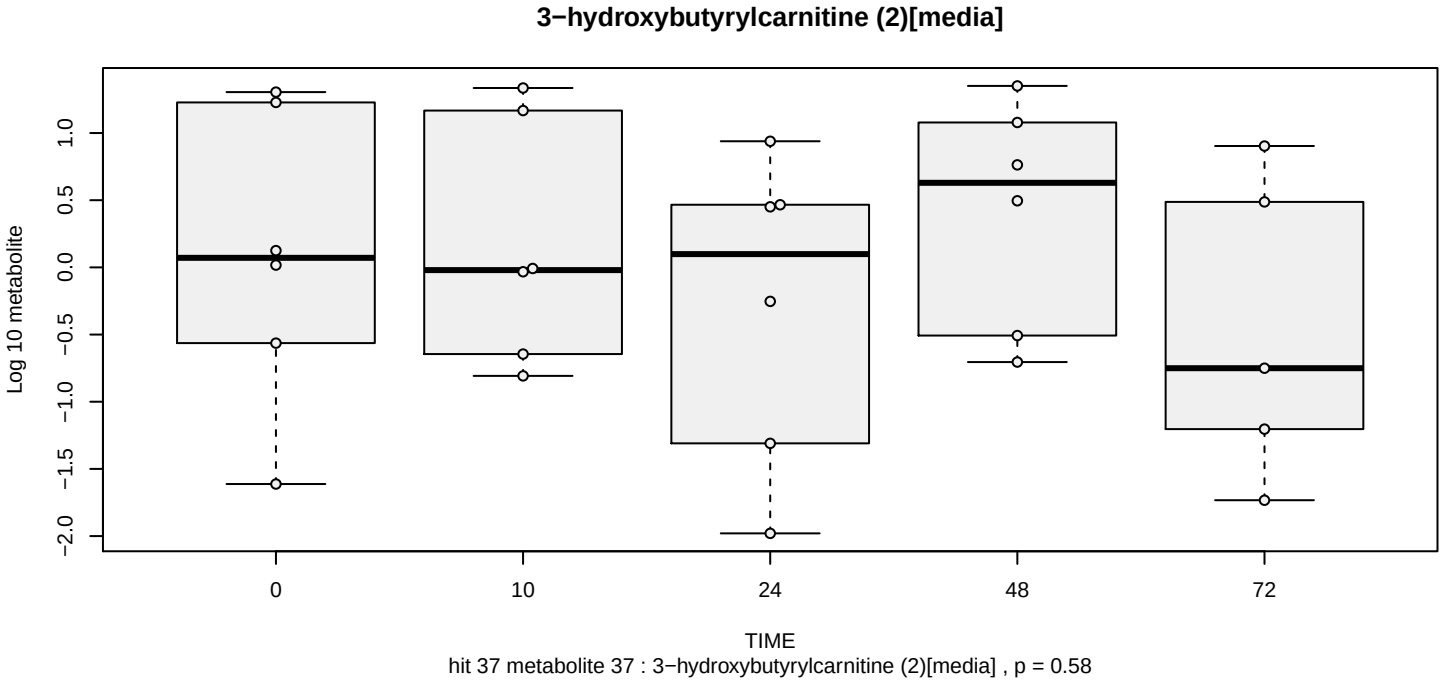
hit 34 metabolite 34 : 3−aminoisobutyrate[media] , p = 0.28



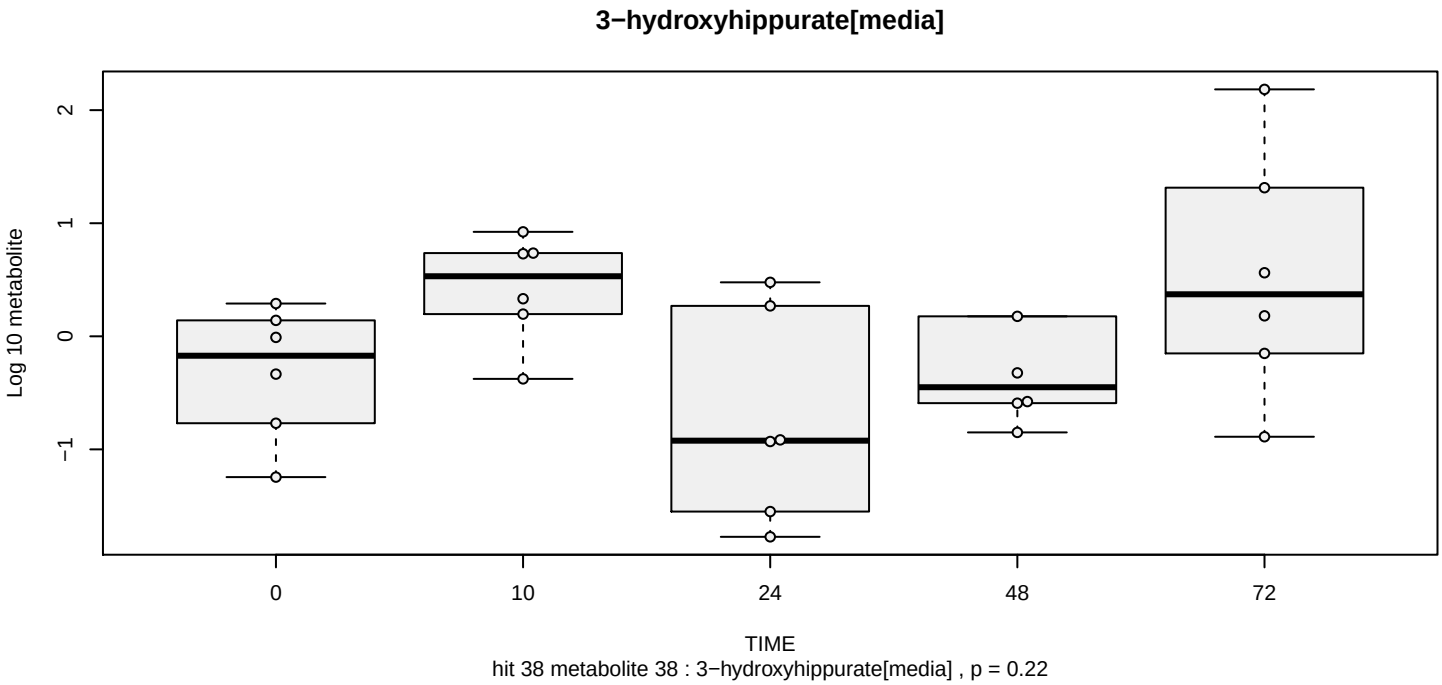
hit 35 metabolite 35 : 3−hydroxy−3−methylglutarate[media] , p = 0.021



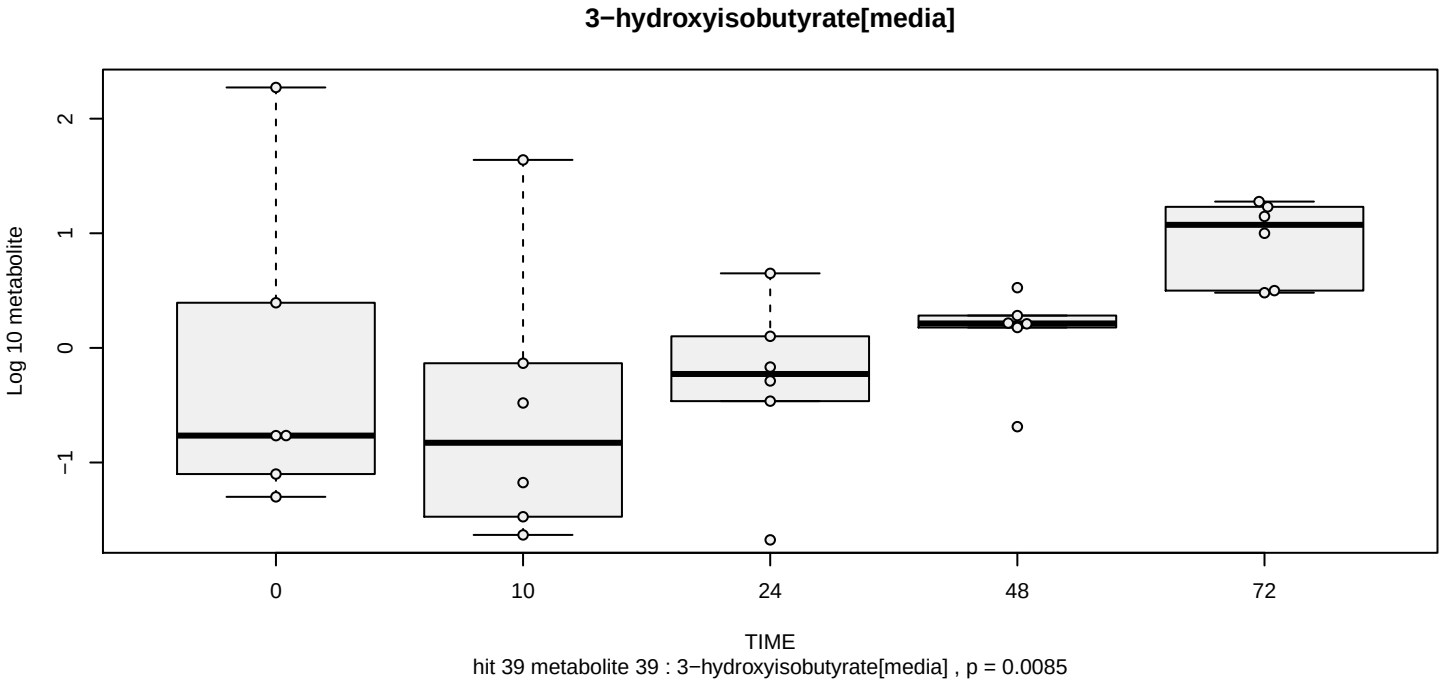
hit 36 metabolite 36 : 3−hydroxybutyrate (BHBA)[media] , p = 0.0021



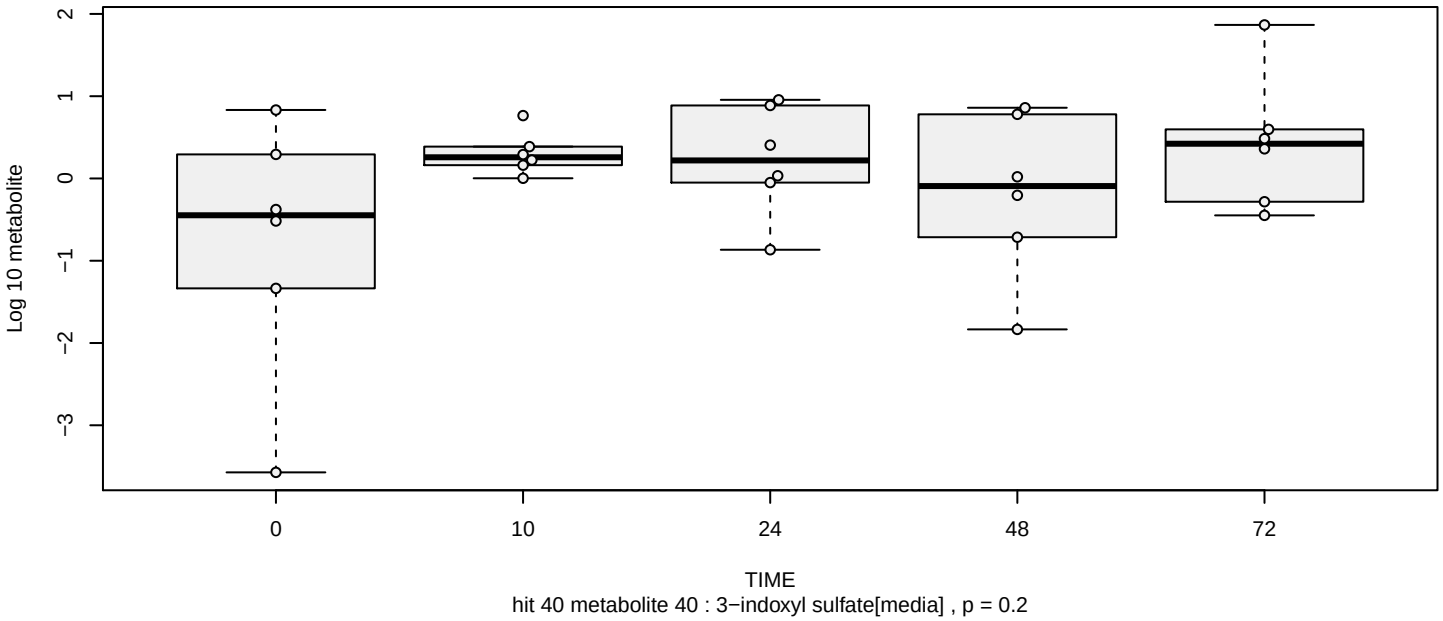
hit 37 metabolite 37 : 3−hydroxybutyrylcarnitine (2)[media] , p = 0.58



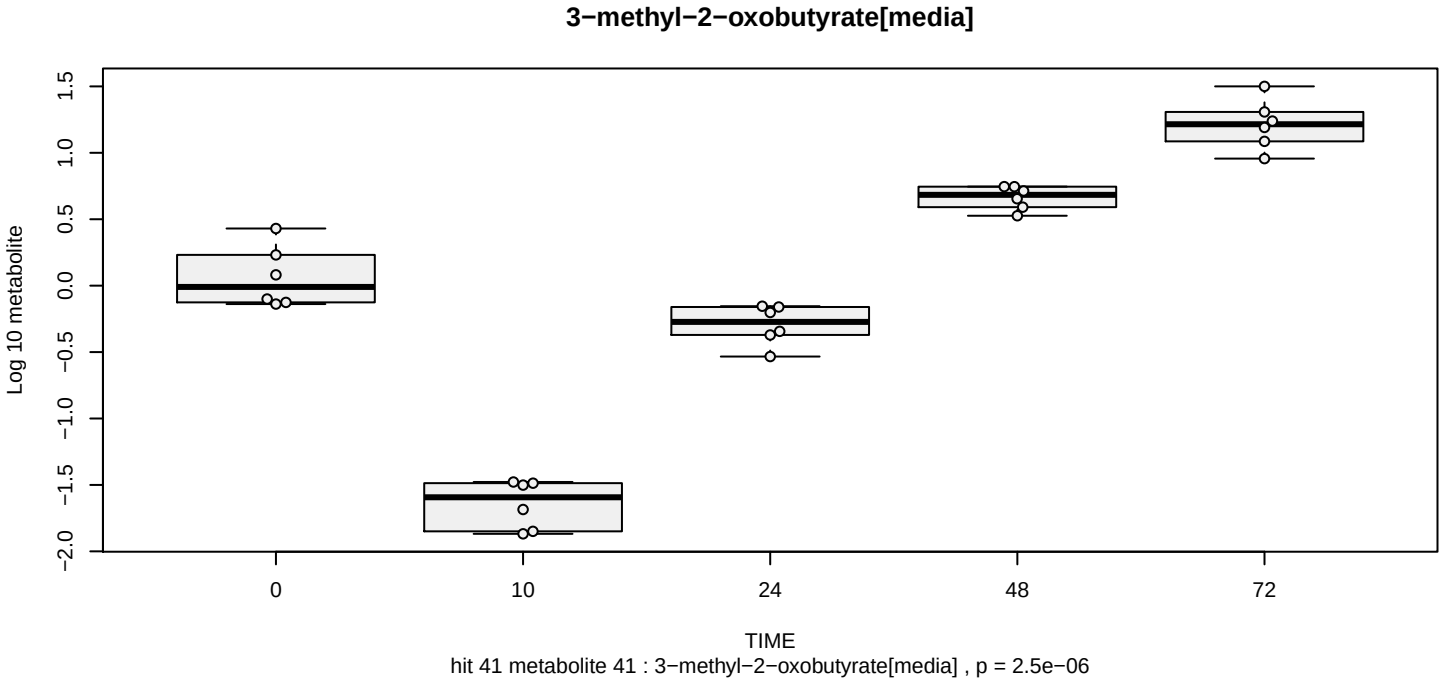
hit 38 metabolite 38 : 3−hydroxyhippurate[media] , p = 0.22



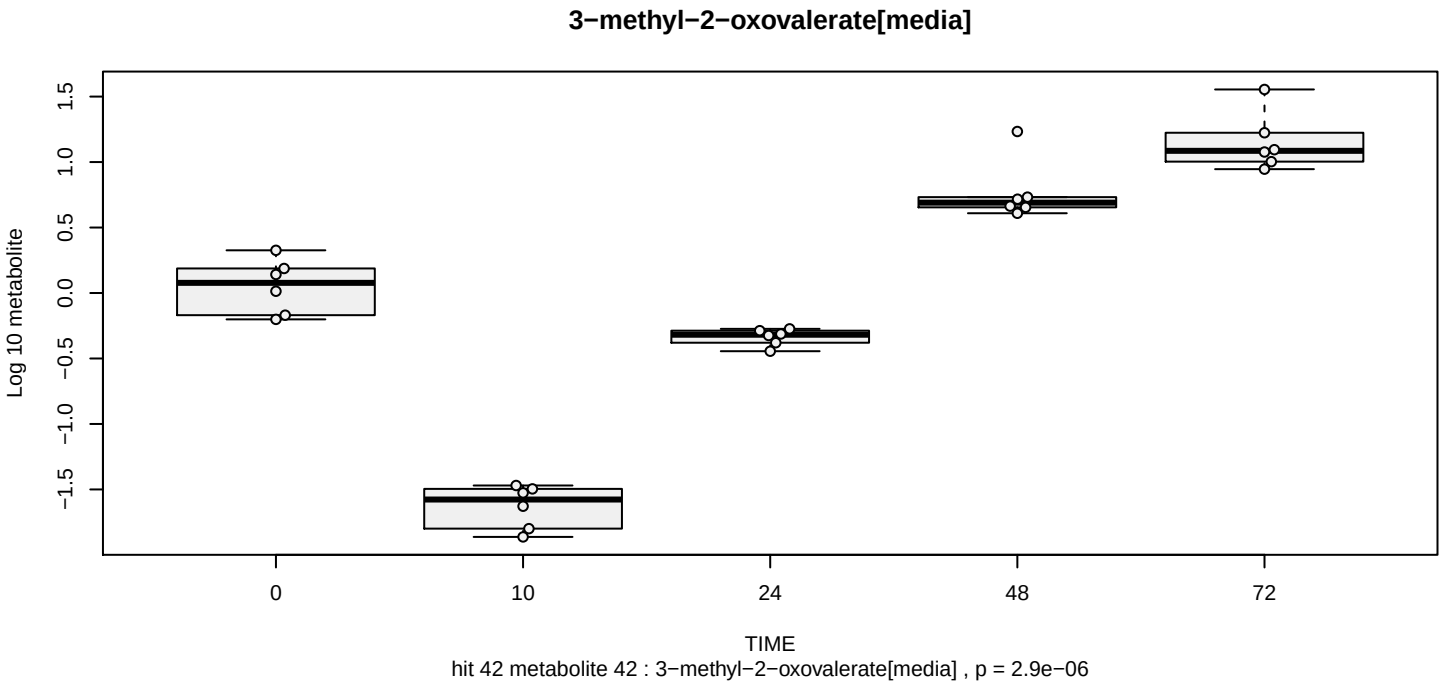
hit 39 metabolite 39 : 3−hydroxyisobutyrate[media] , p = 0.0085



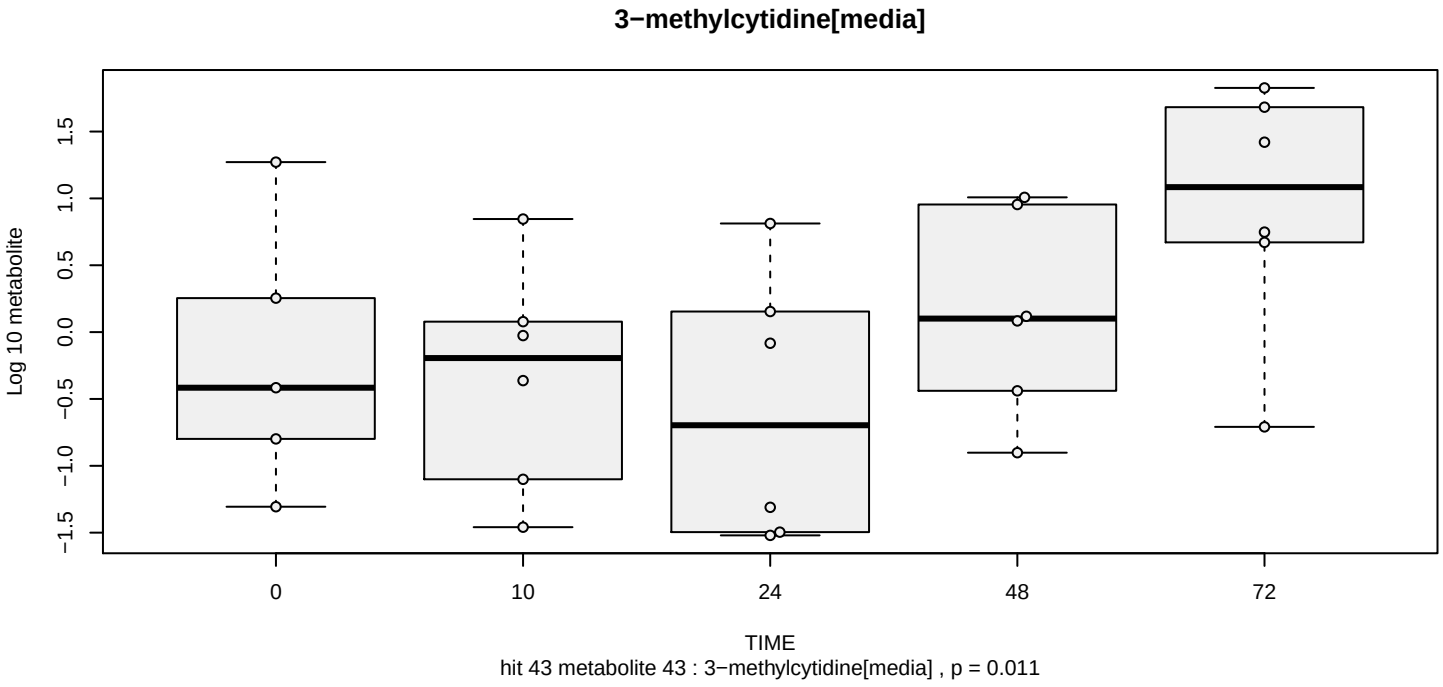
hit 40 metabolite 40 : 3−indoxyl sulfate[media] , p = 0.2



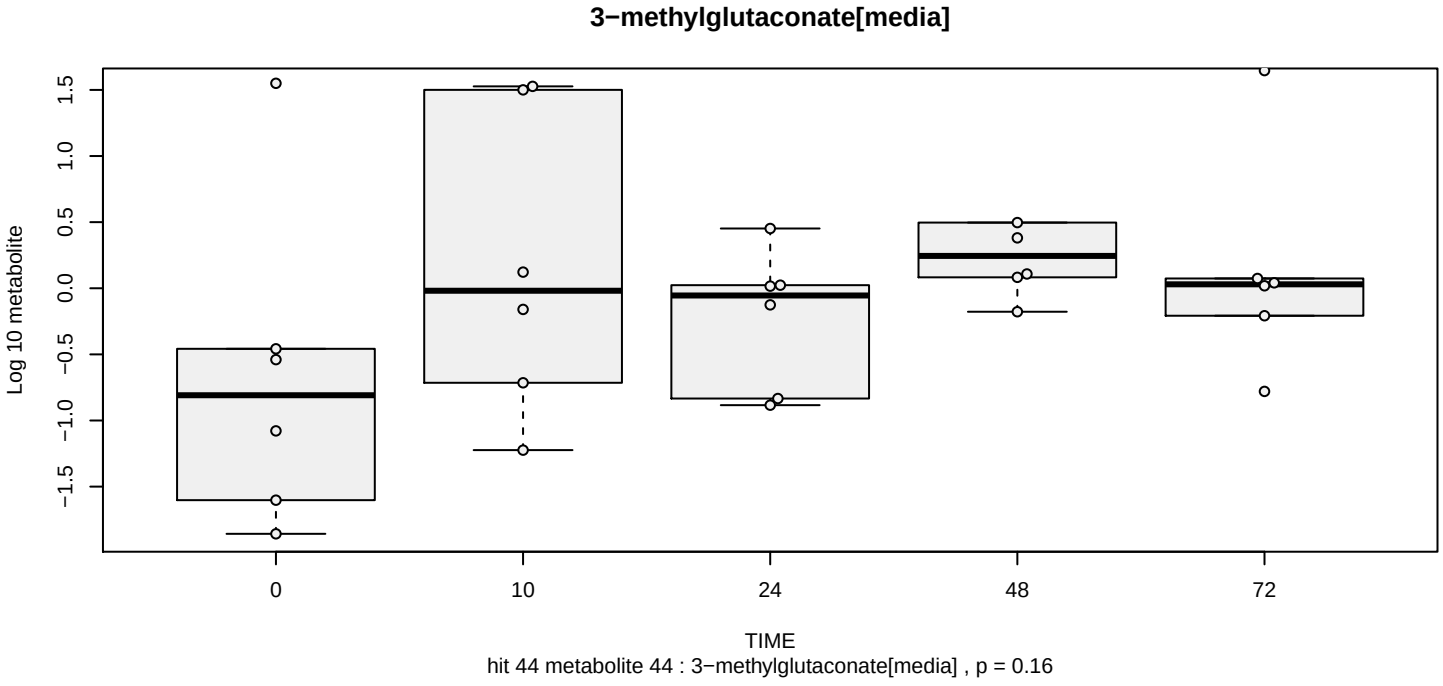
hit 41 metabolite 41 : 3−methyl−2−oxobutyrate[media] , p = 2.5e−06



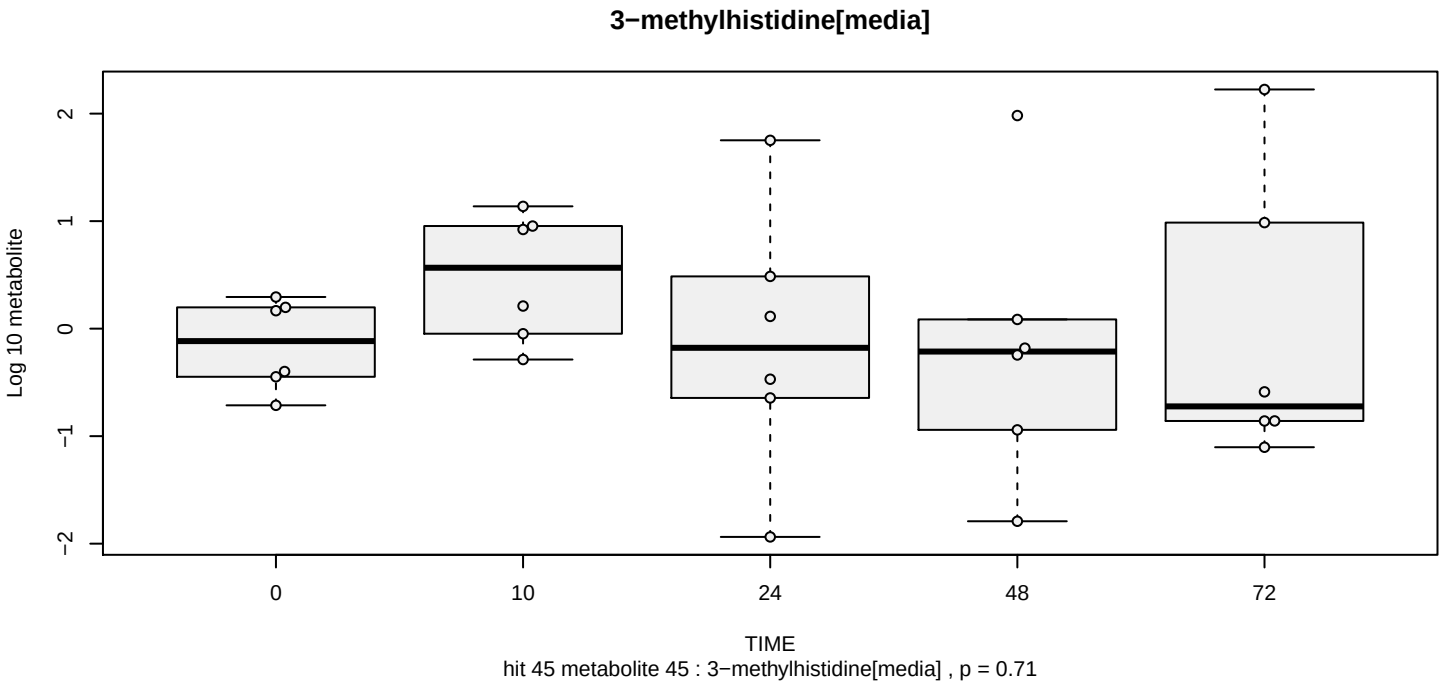
hit 42 metabolite 42 : 3−methyl−2−oxovalerate[media] , p = 2.9e−06



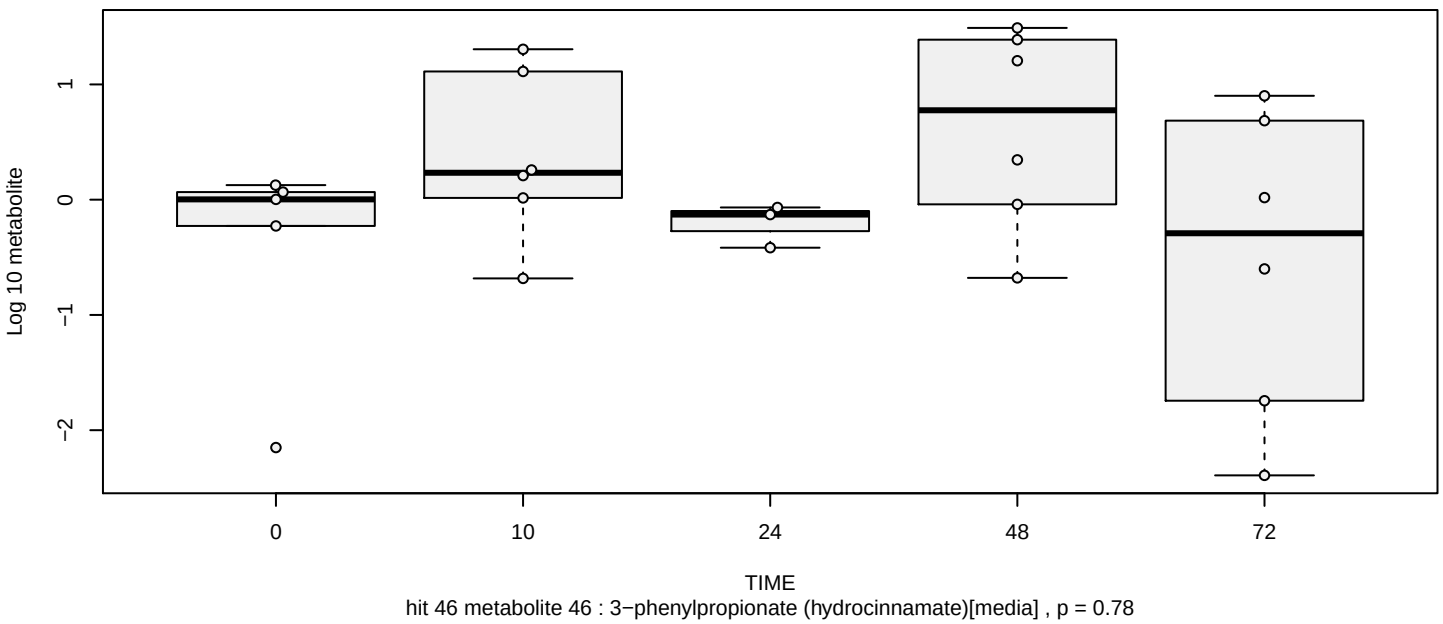
hit 43 metabolite 43 : 3−methylcytidine[media] , p = 0.011



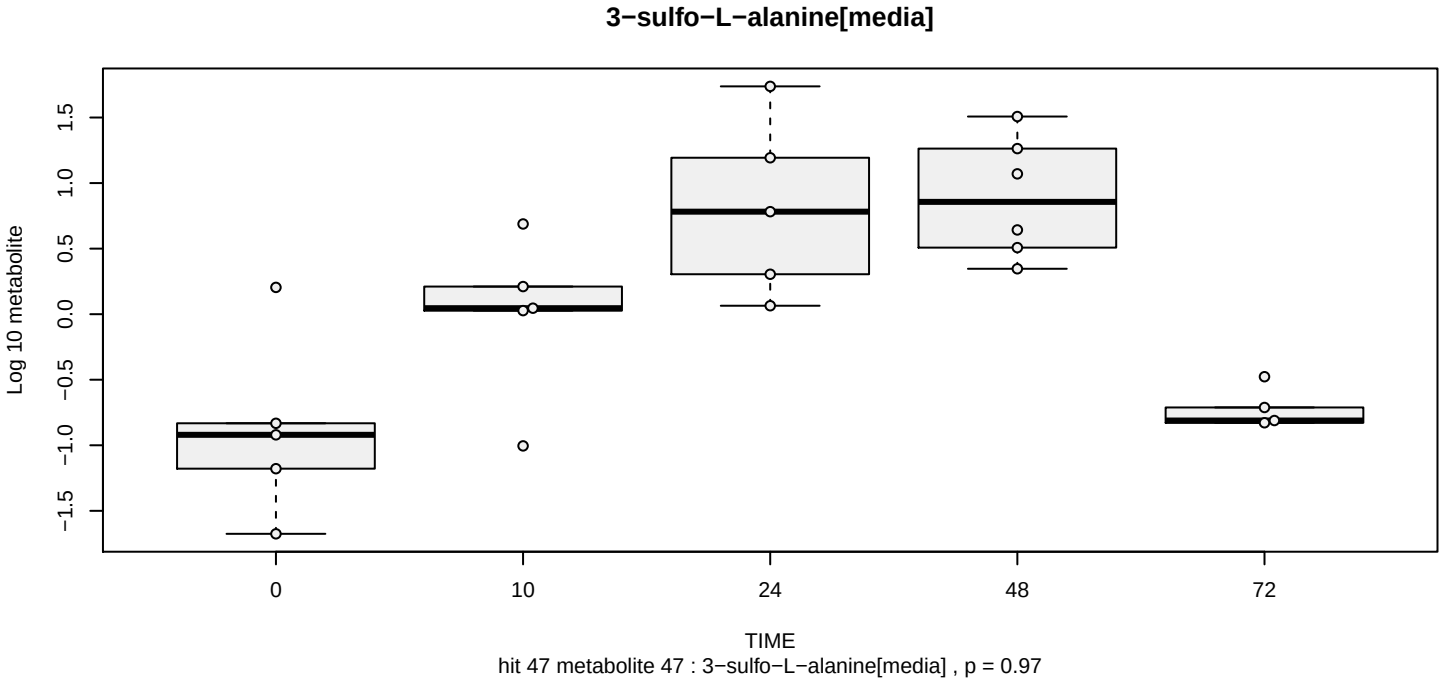
hit 44 metabolite 44 : 3−methylglutaconate[media] , p = 0.16



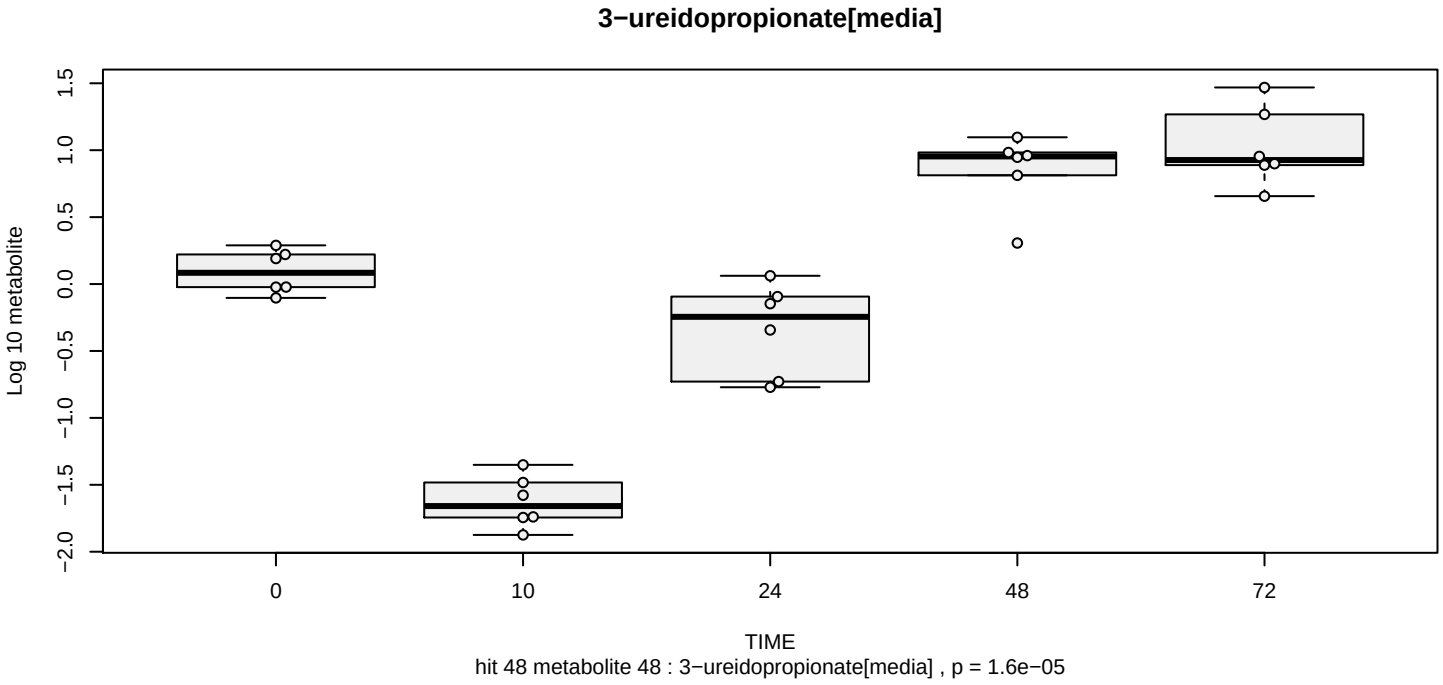
hit 45 metabolite 45 : 3−methylhistidine[media] , p = 0.71



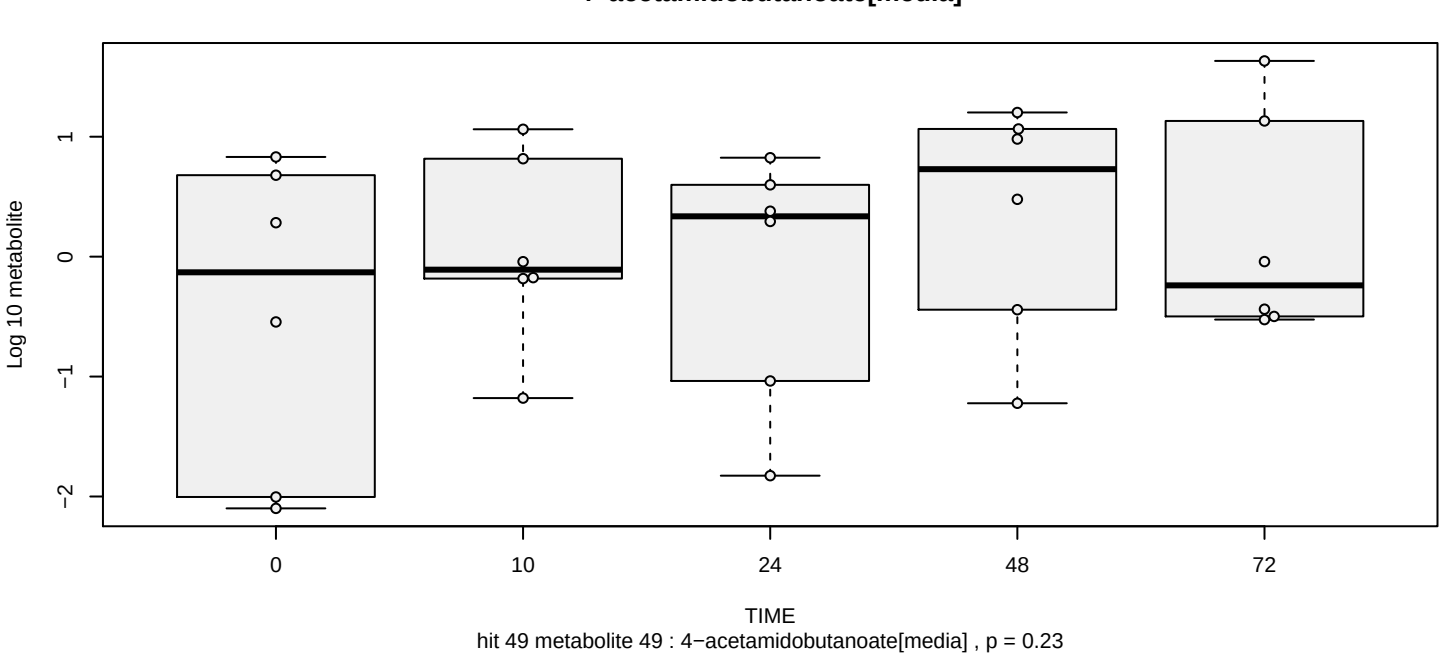
hit 46 metabolite 46 : 3−phenylpropionate (hydrocinnamate)[media] , p = 0.78



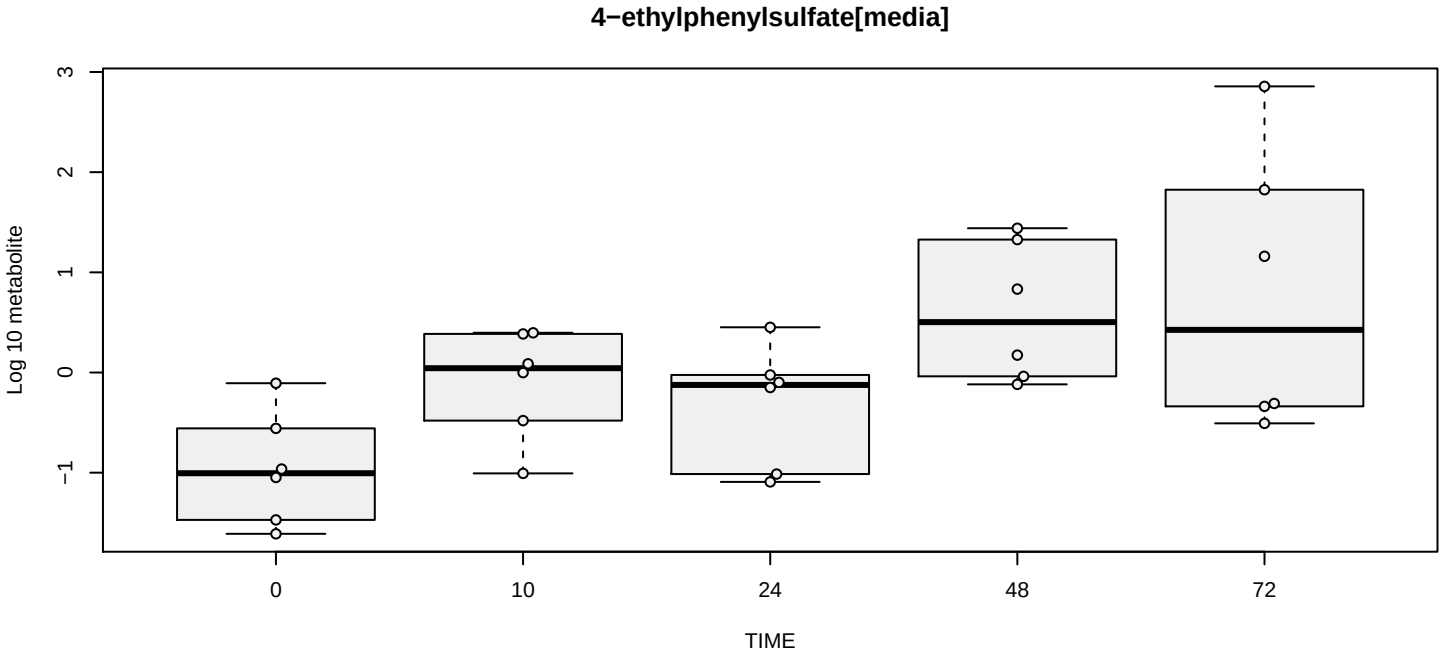
hit 47 metabolite 47 : 3−sulfo−L−alanine[media] , p = 0.97



hit 48 metabolite 48 : 3−ureidopropionate[media] , p = 1.6e−05

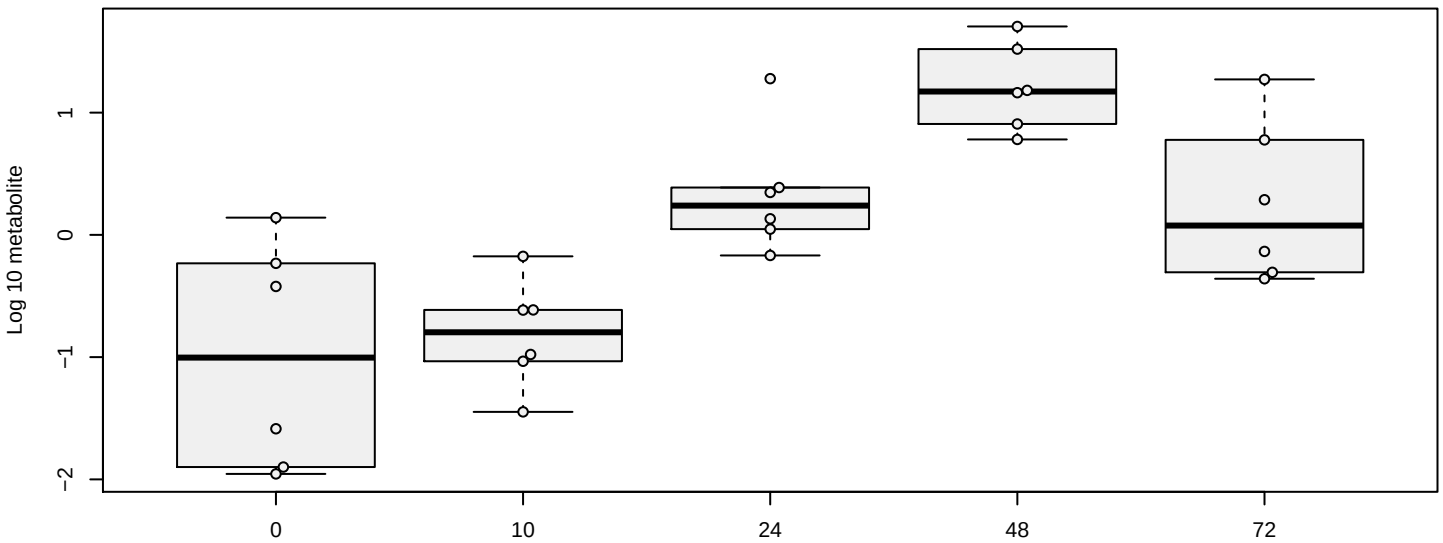


hit 49 metabolite 49 : 4−acetamidobutanoate[media] , p = 0.23



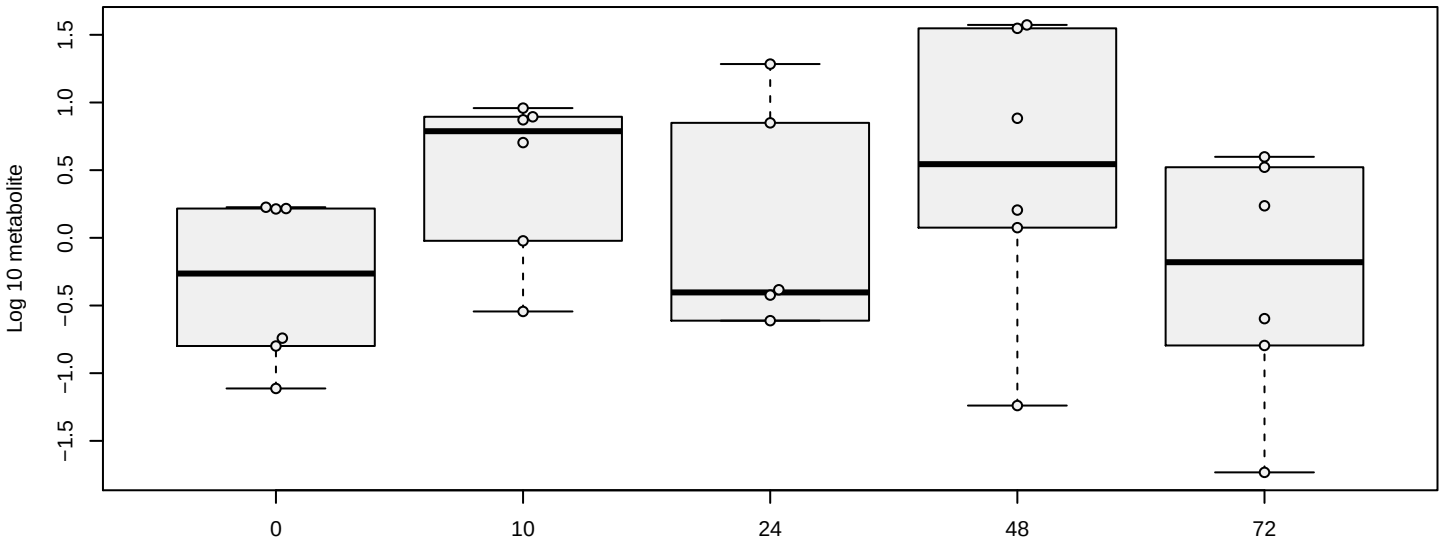
hit 50 metabolite 50 : 4−ethylphenylsulfate[media] , p = 0.00053

4−guanidinobutanoate[media]



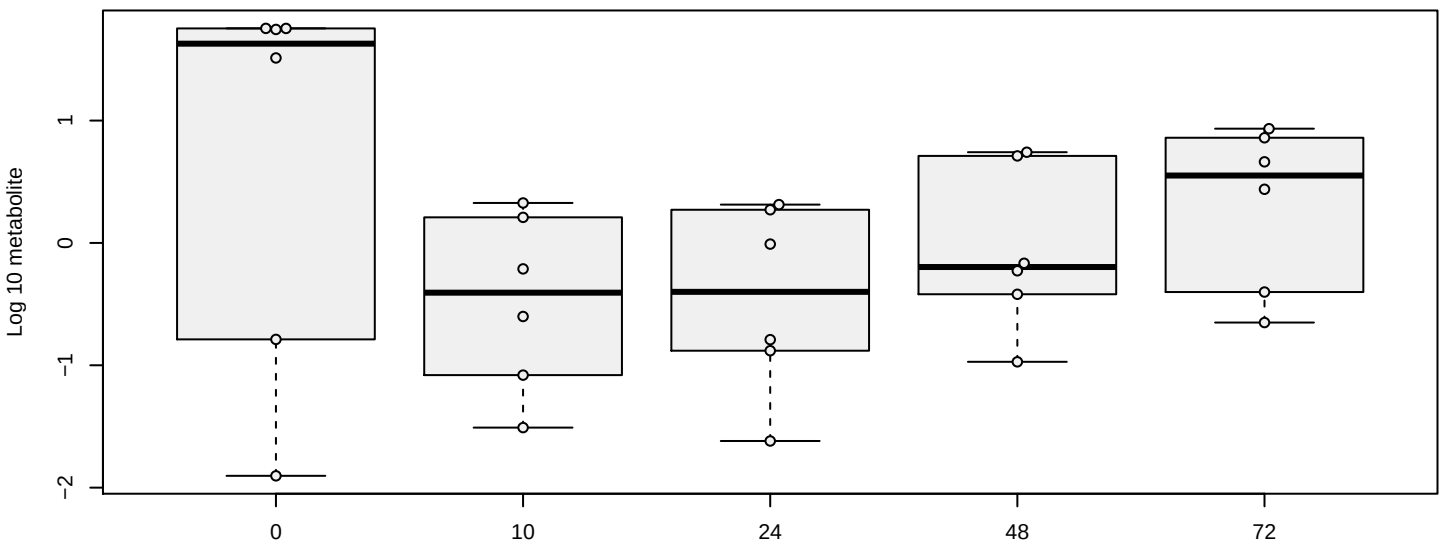
hit 51 metabolite 51 : 4−guanidinobutanoate[media] , p = 0.00053

4−hydroxyglutamate[media]

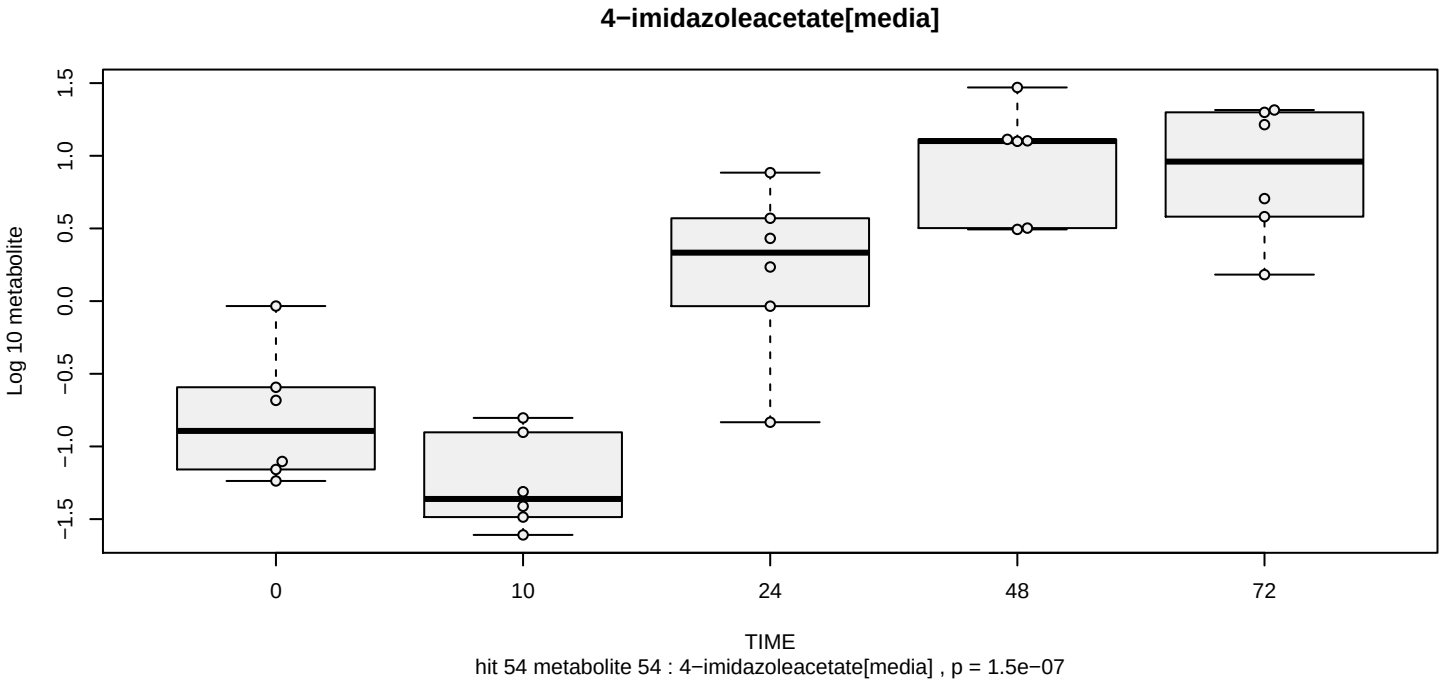


hit 52 metabolite 52 : 4−hydroxyglutamate[media] , p = 0.98

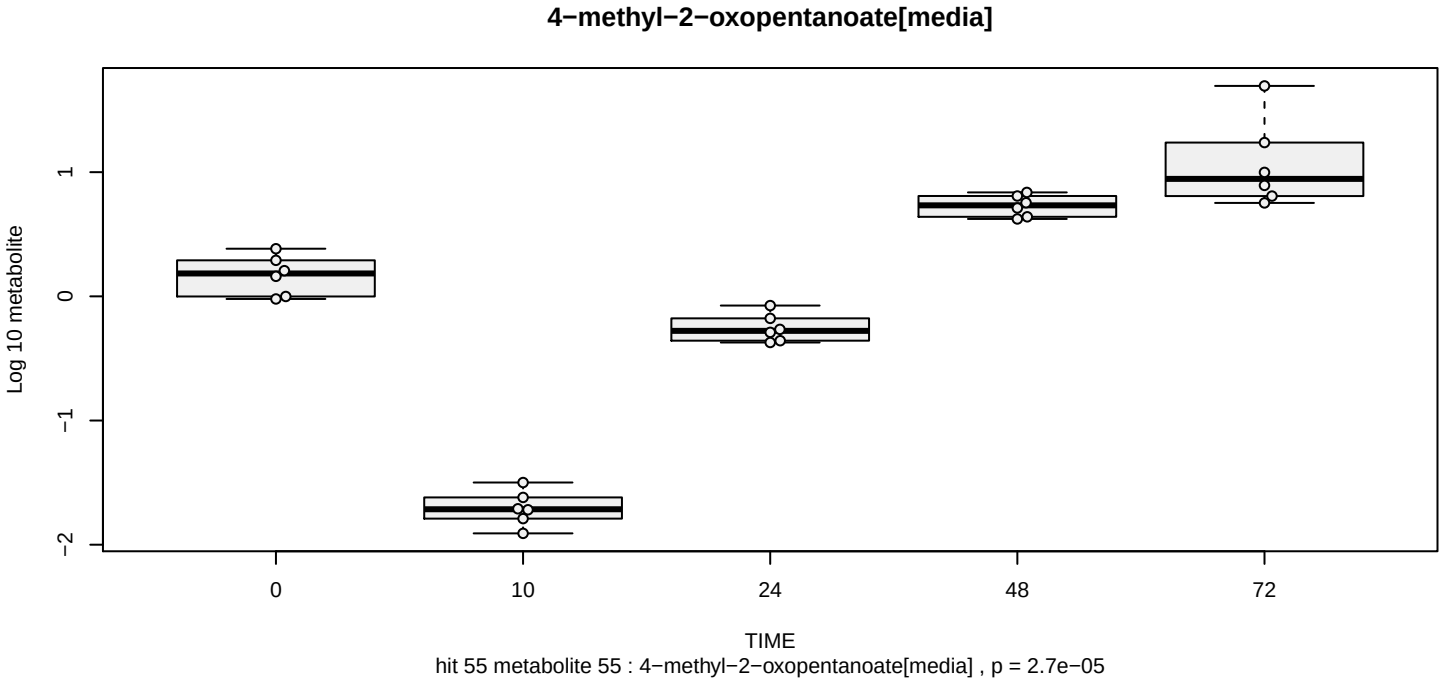
4−hydroxyphenylpyruvate[media]



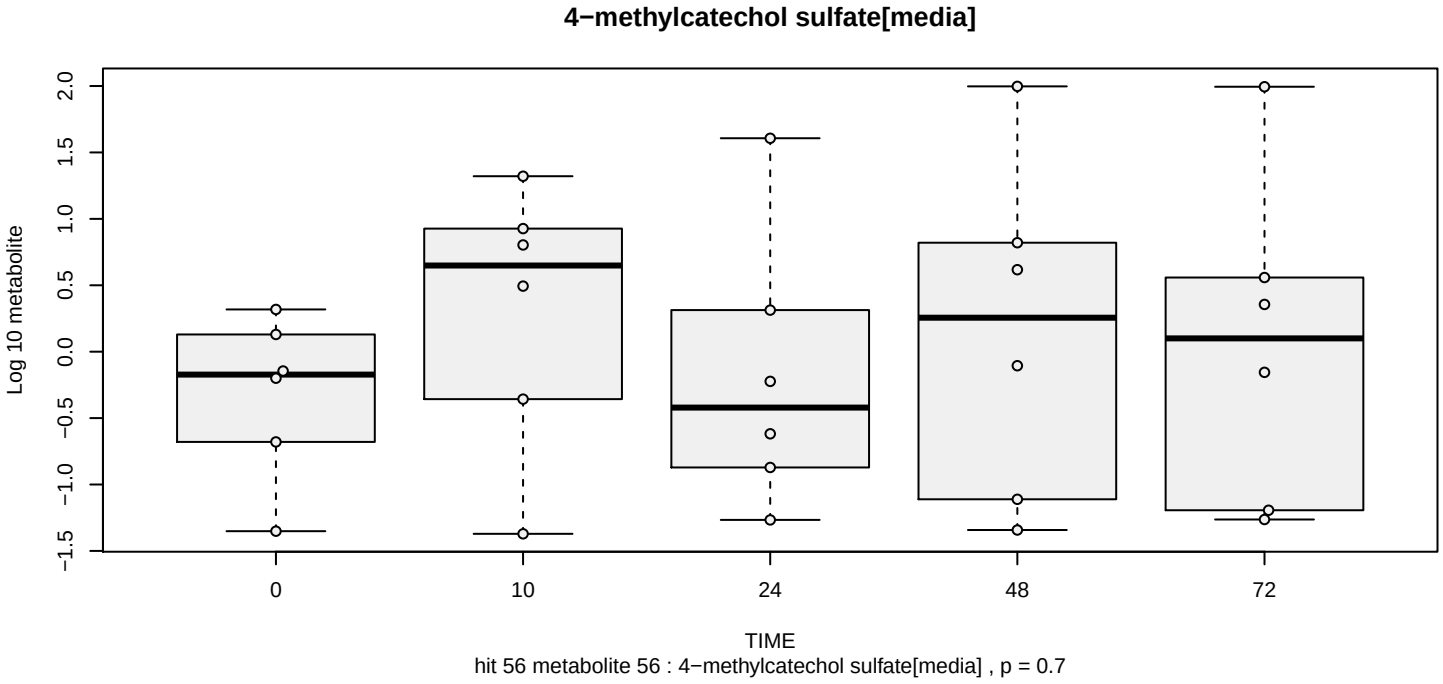
hit 53 metabolite 53 : 4−hydroxyphenylpyruvate[media] , p = 0.88



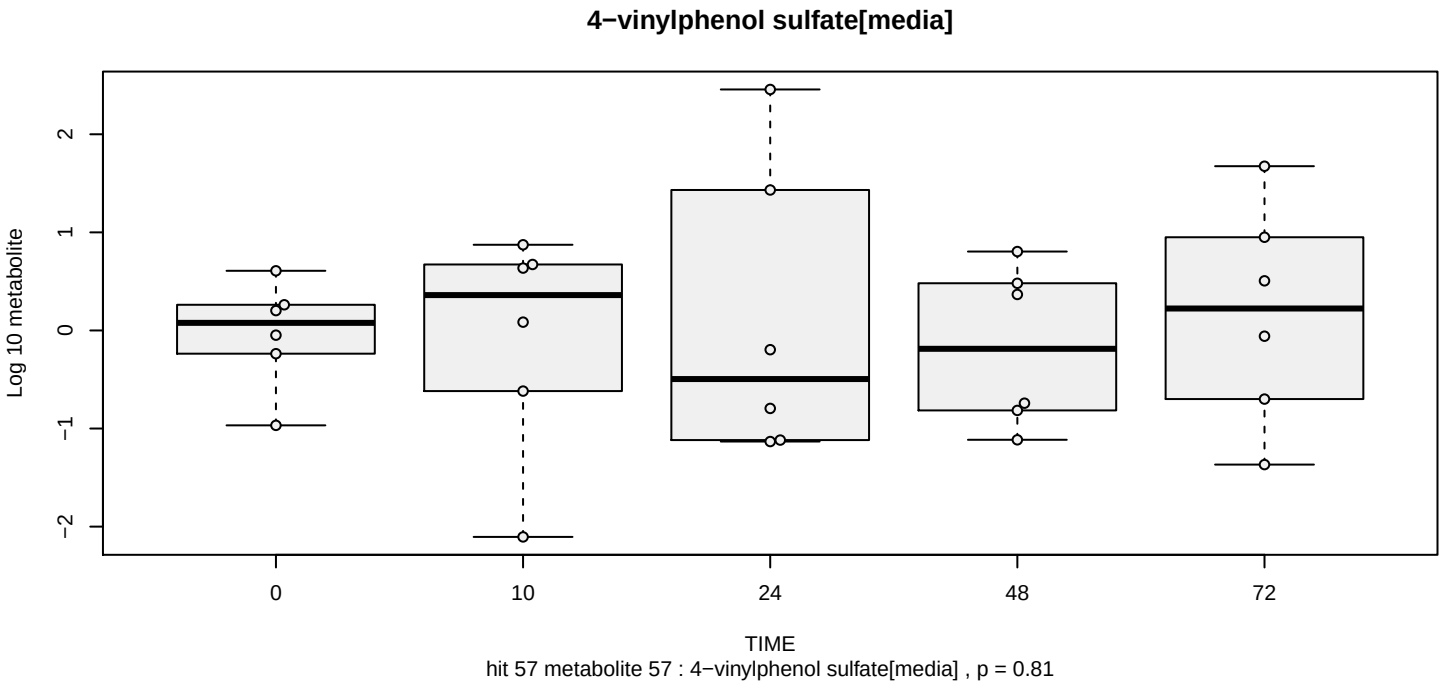
hit 54 metabolite 54 : 4−imidazoleacetate[media] , p = 1.5e−07



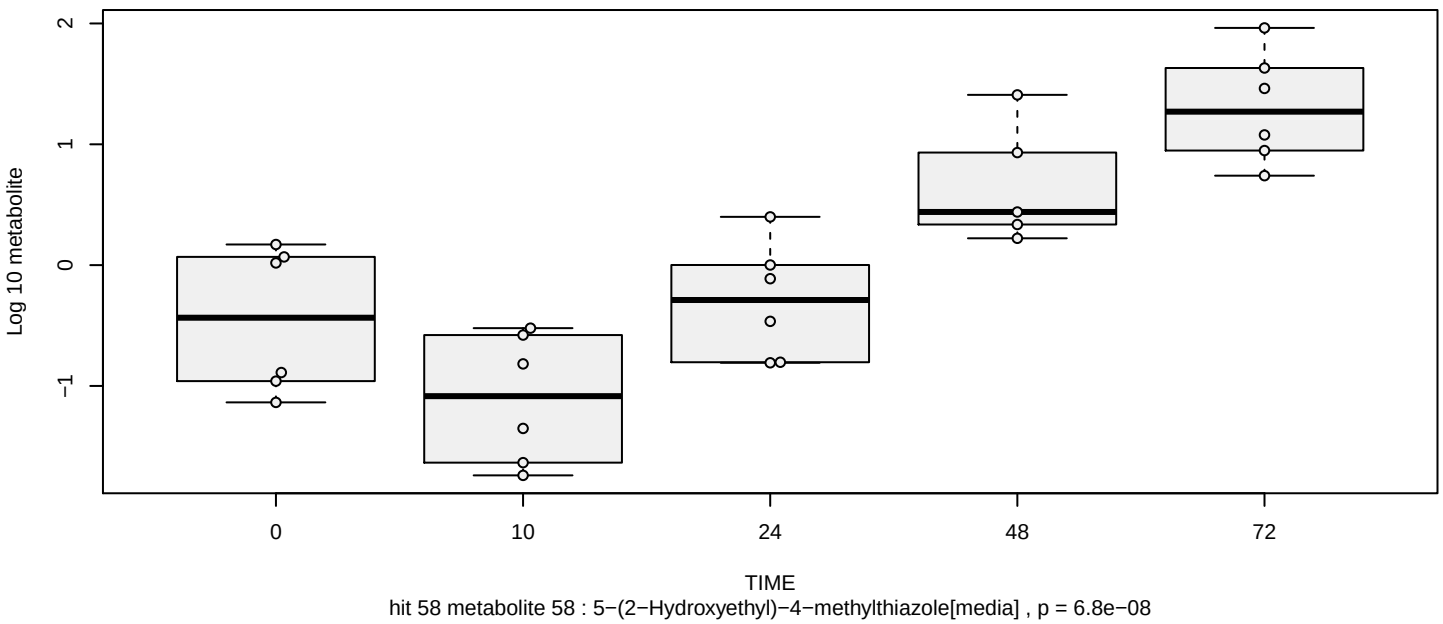
hit 55 metabolite 55 : 4−methyl−2−oxopentanoate[media] , p = 2.7e−05



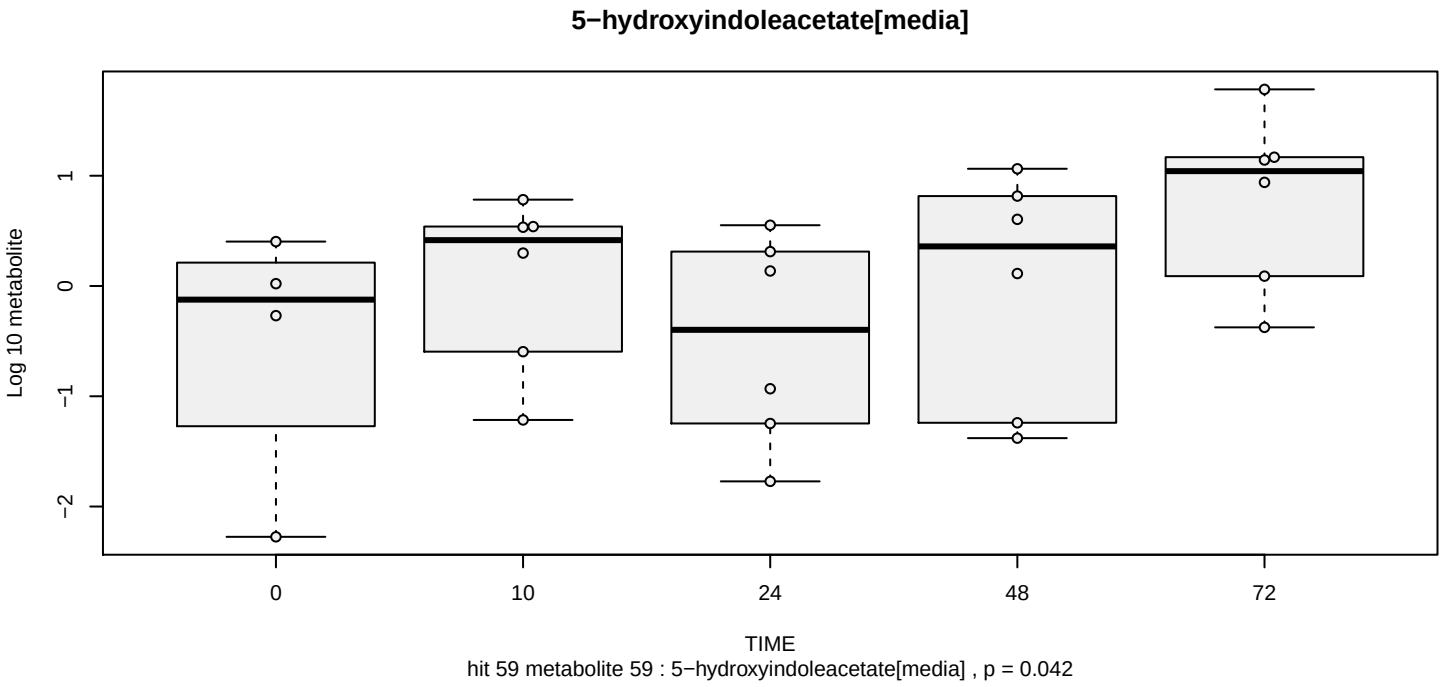
hit 56 metabolite 56 : 4−methylcatechol sulfate[media] , p = 0.7



hit 57 metabolite 57 : 4−vinylphenol sulfate[media] , p = 0.81

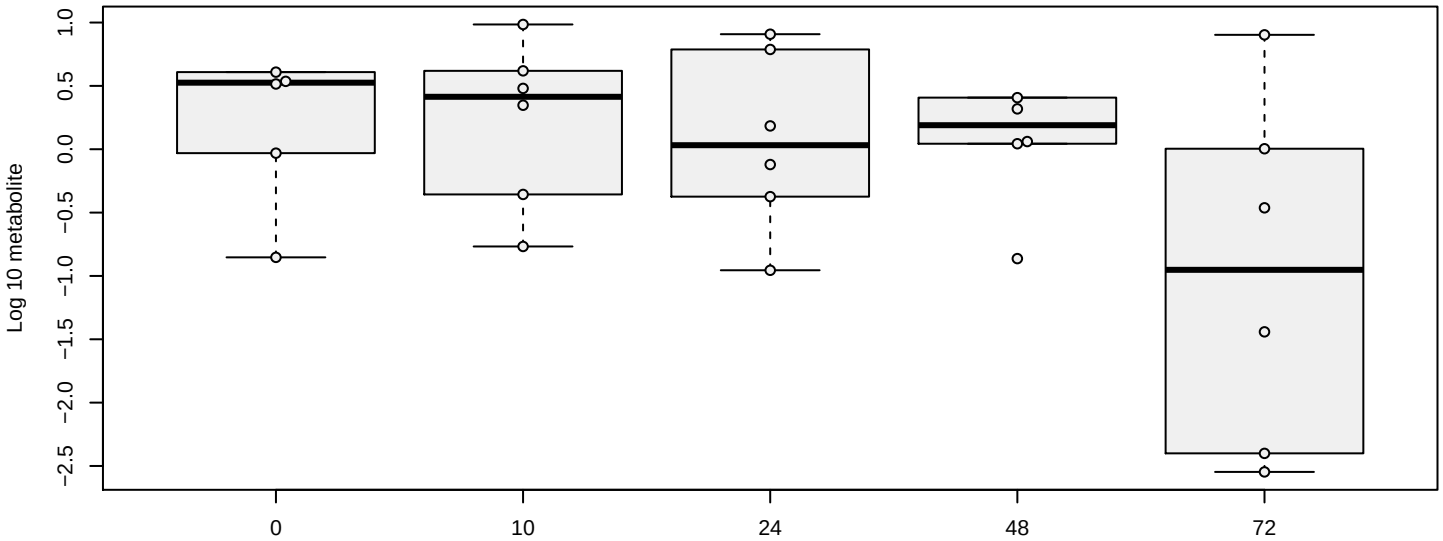


hit 58 metabolite 58 : 5−(2−Hydroxyethyl)−4−methylthiazole[media] , p = 6.8e−08



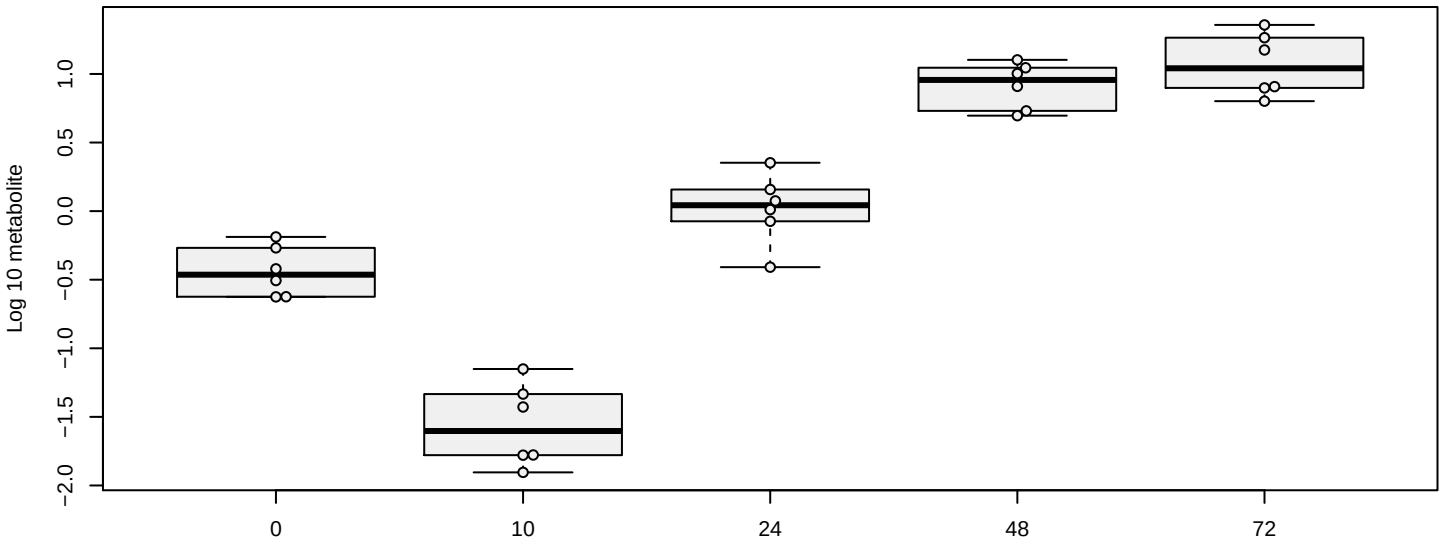
hit 59 metabolite 59 : 5−hydroxyindoleacetate[media] , p = 0.042

5−hydroxylysine[media]



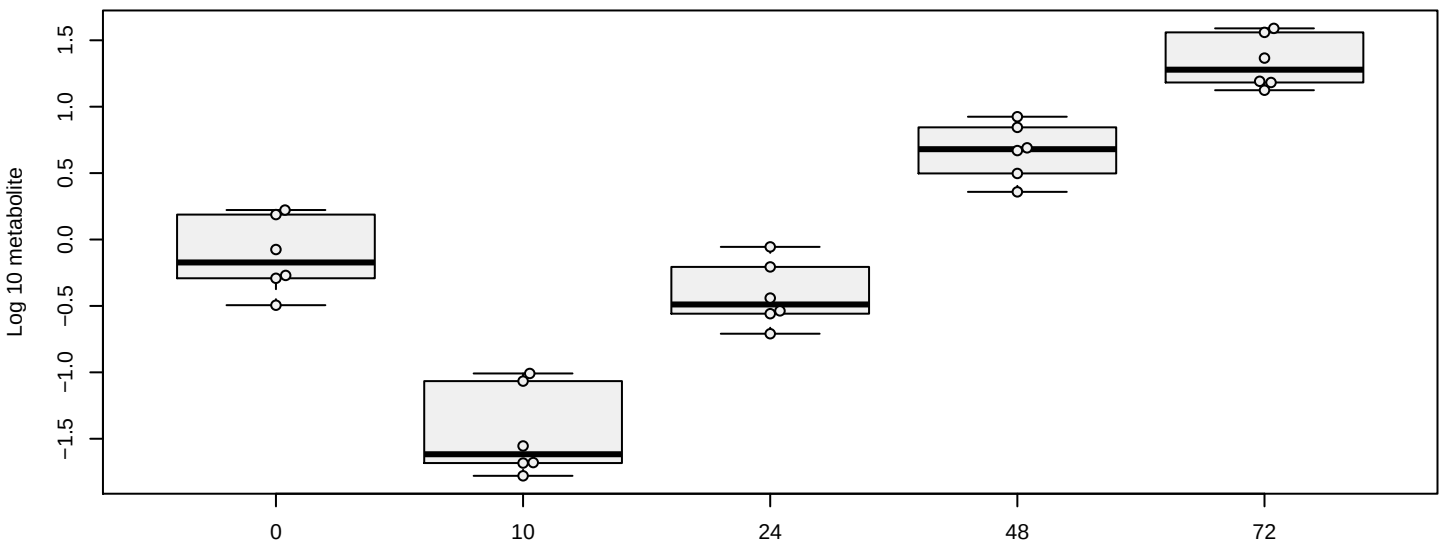
hit 60 metabolite 60 : 5−hydroxylysine[media] , p = 0.023

5−methylthioadenosine (MTA)[media]

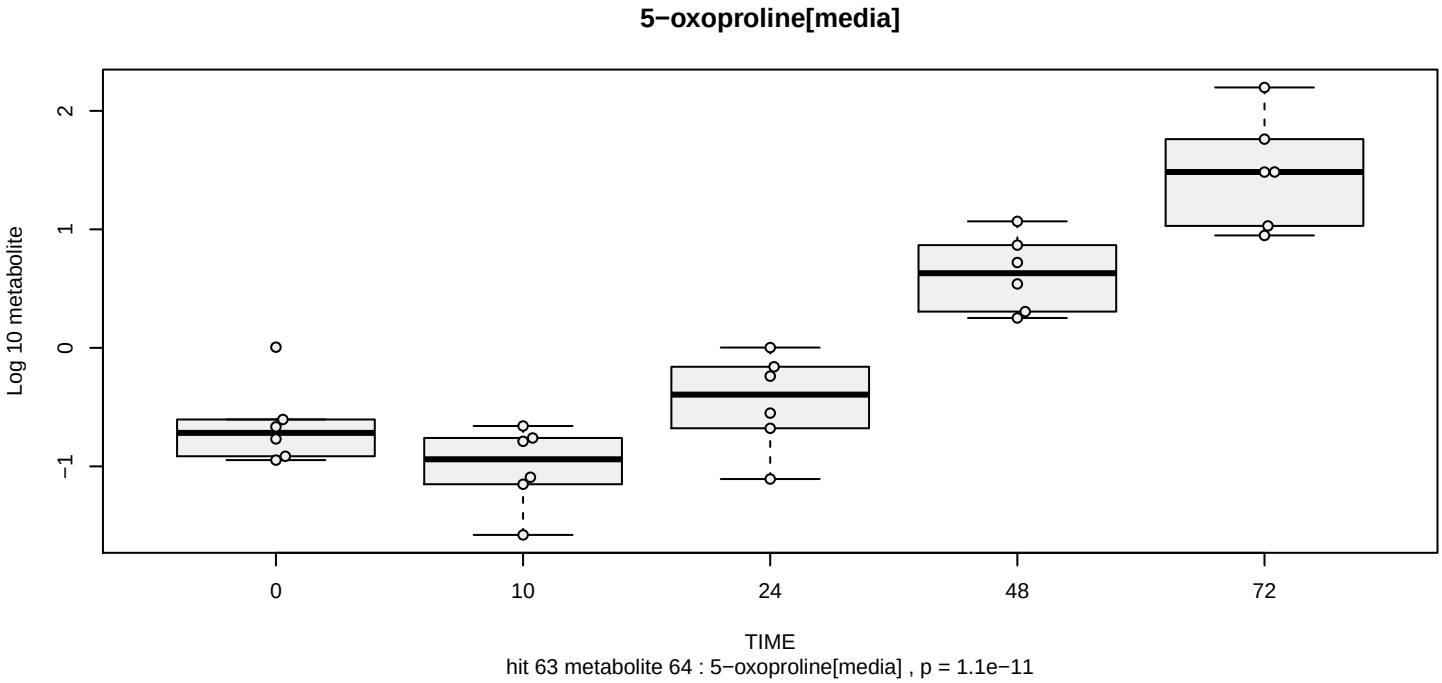


hit 61 metabolite 62 : 5−methylthioadenosine (MTA)[media] , p = 2.7e−08

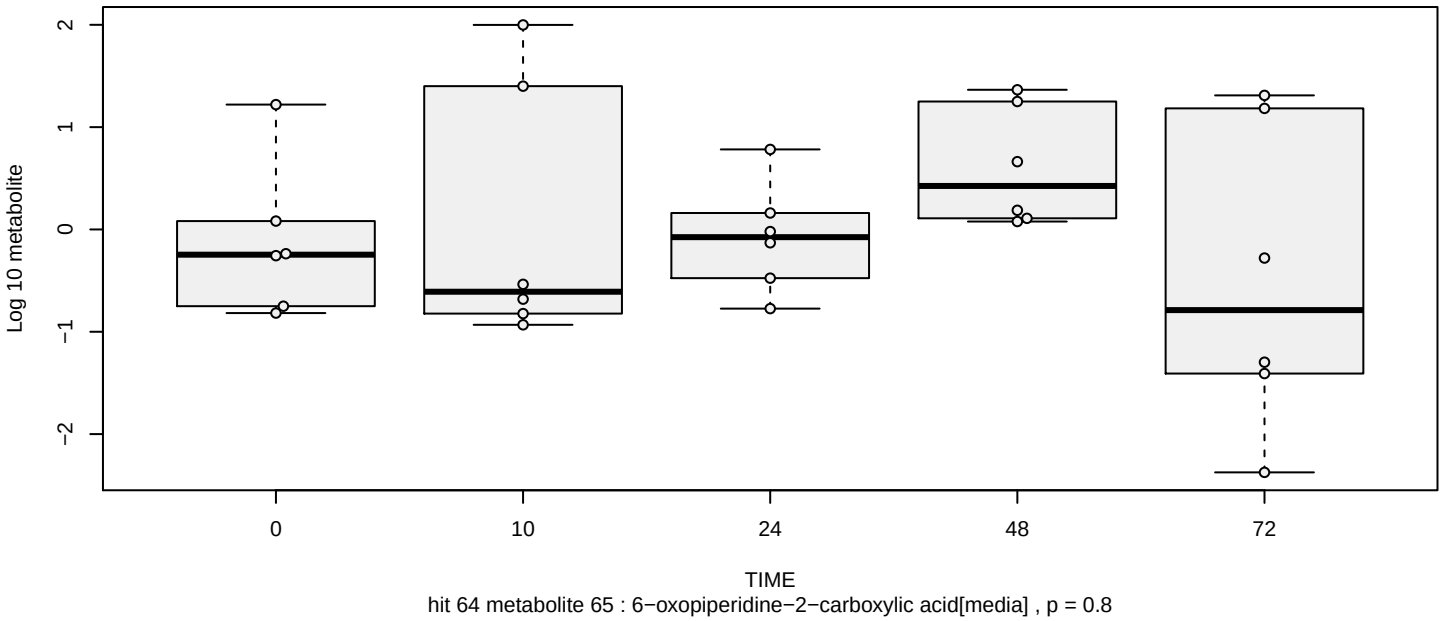
5−methyluridine (ribothymidine)[media]



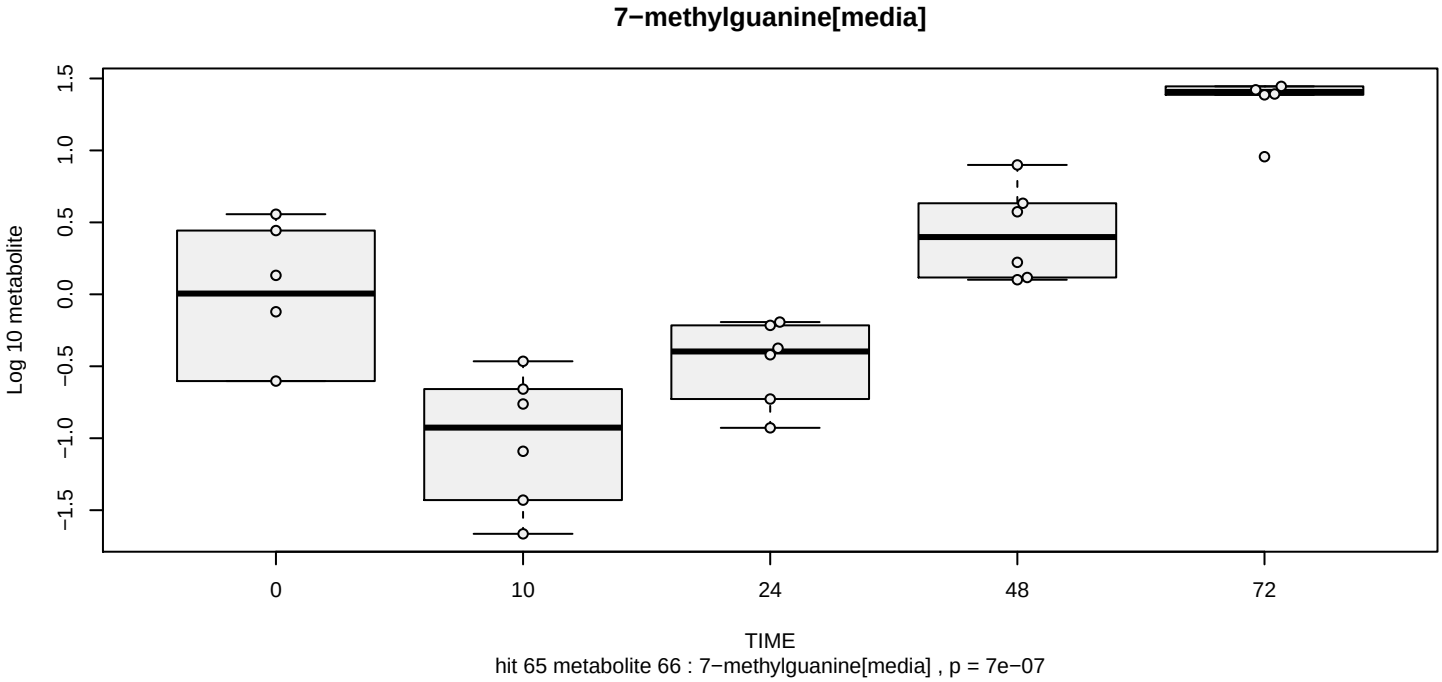
hit 62 metabolite 63 : 5−methyluridine (ribothymidine)[media] , p = 8.6e−08



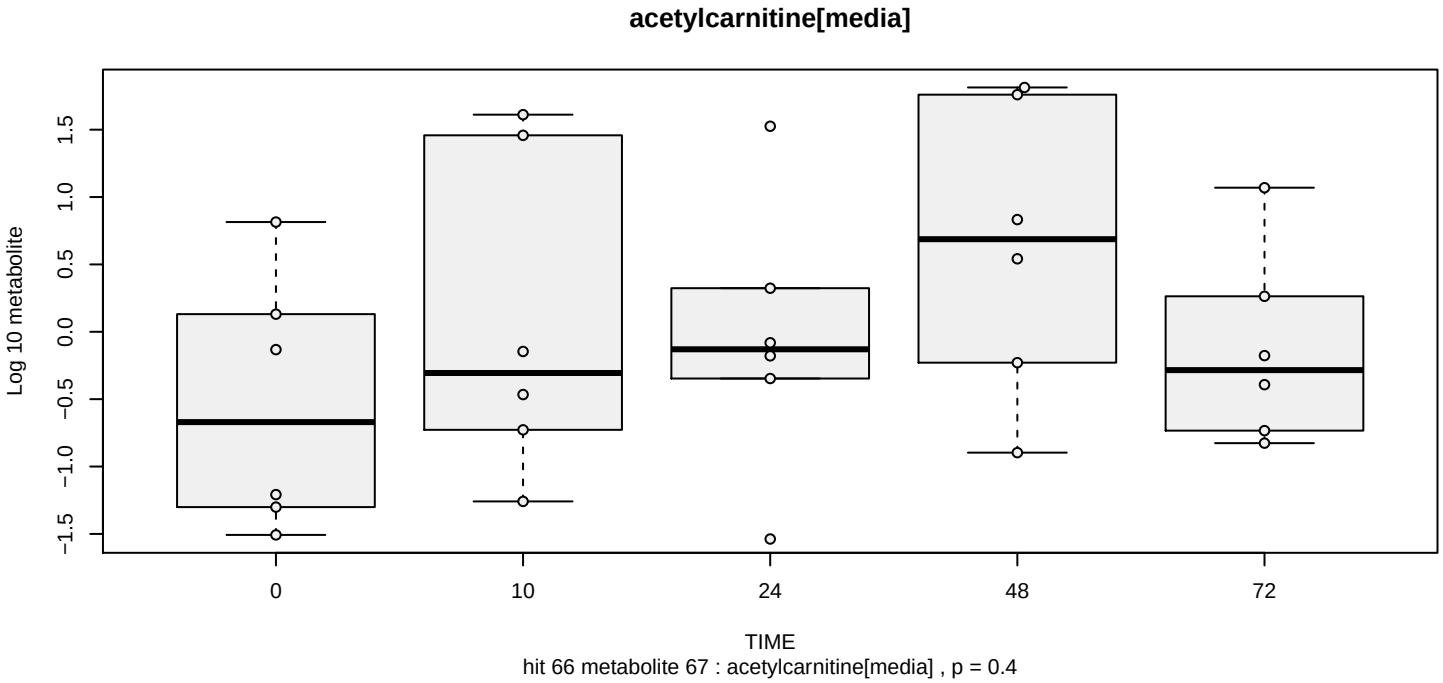
hit 63 metabolite 64 : 5−oxoproline[media] , p = 1.1e−11



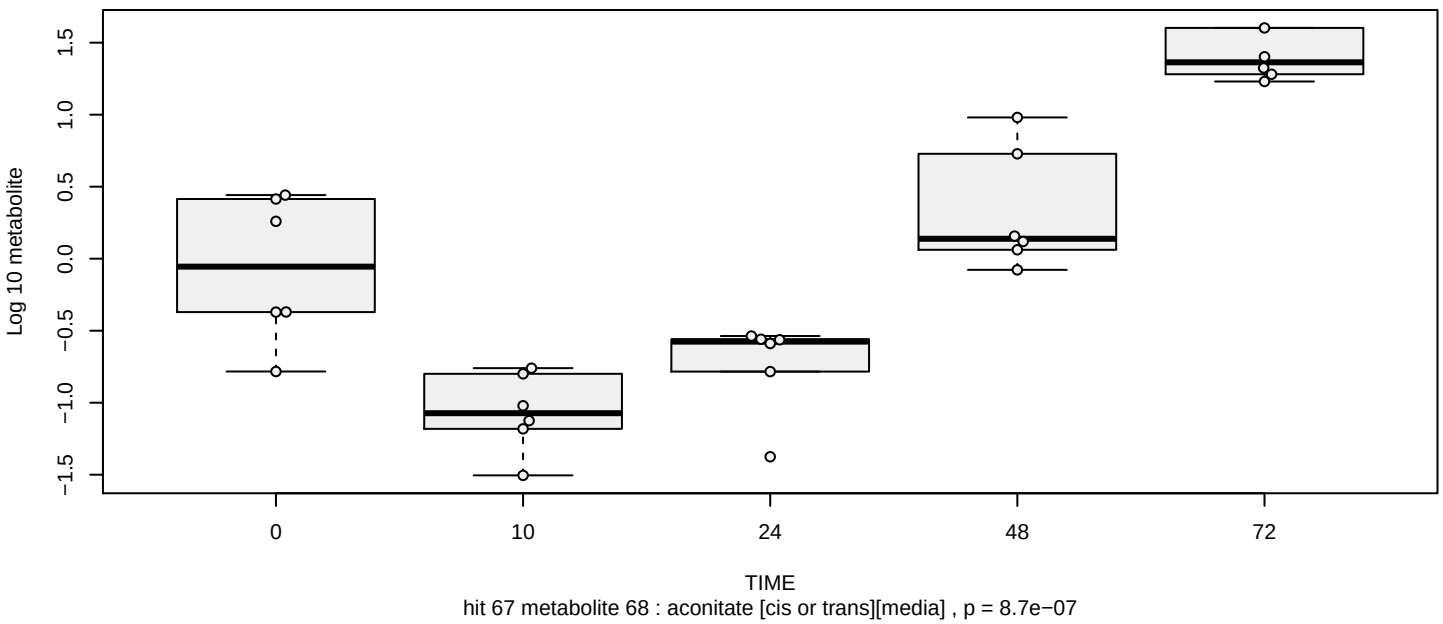
hit 64 metabolite 65 : 6−oxopiperidine−2−carboxylic acid[media] , p = 0.8



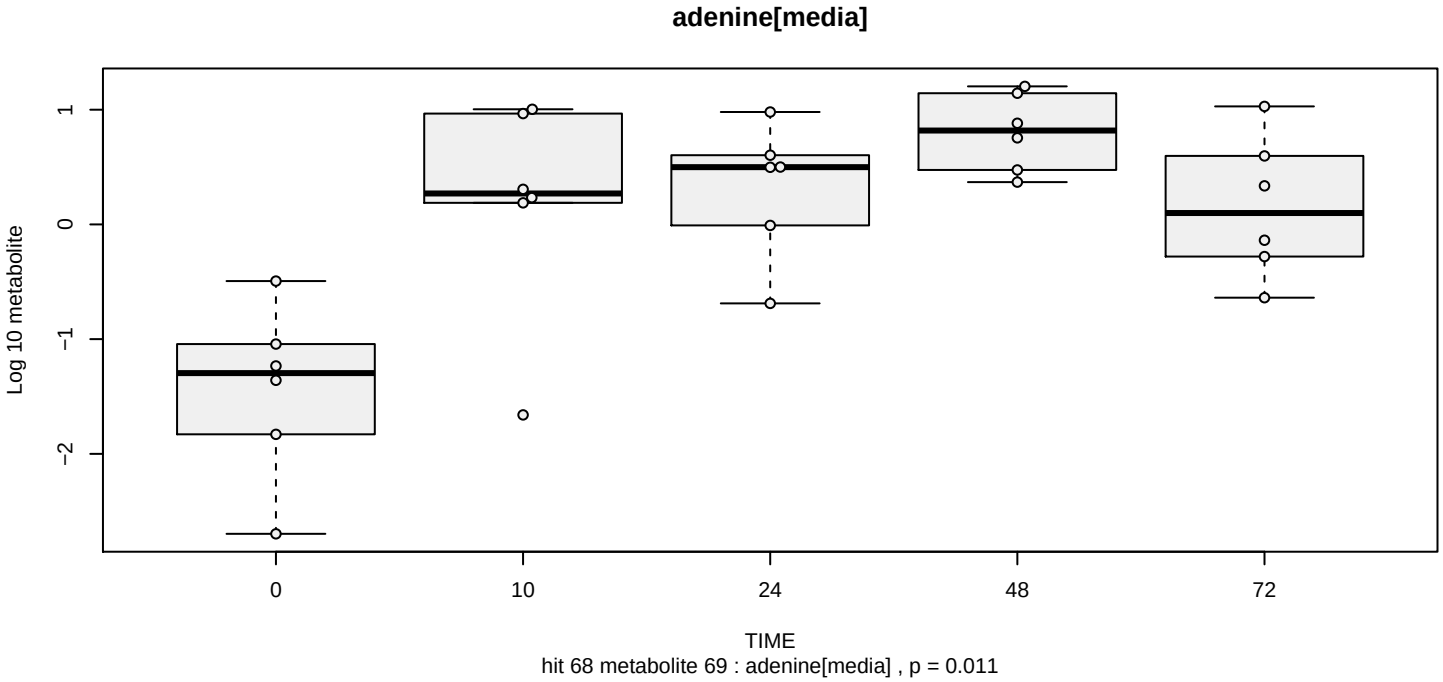
hit 65 metabolite 66 : 7−methylguanine[media] , p = 7e−07



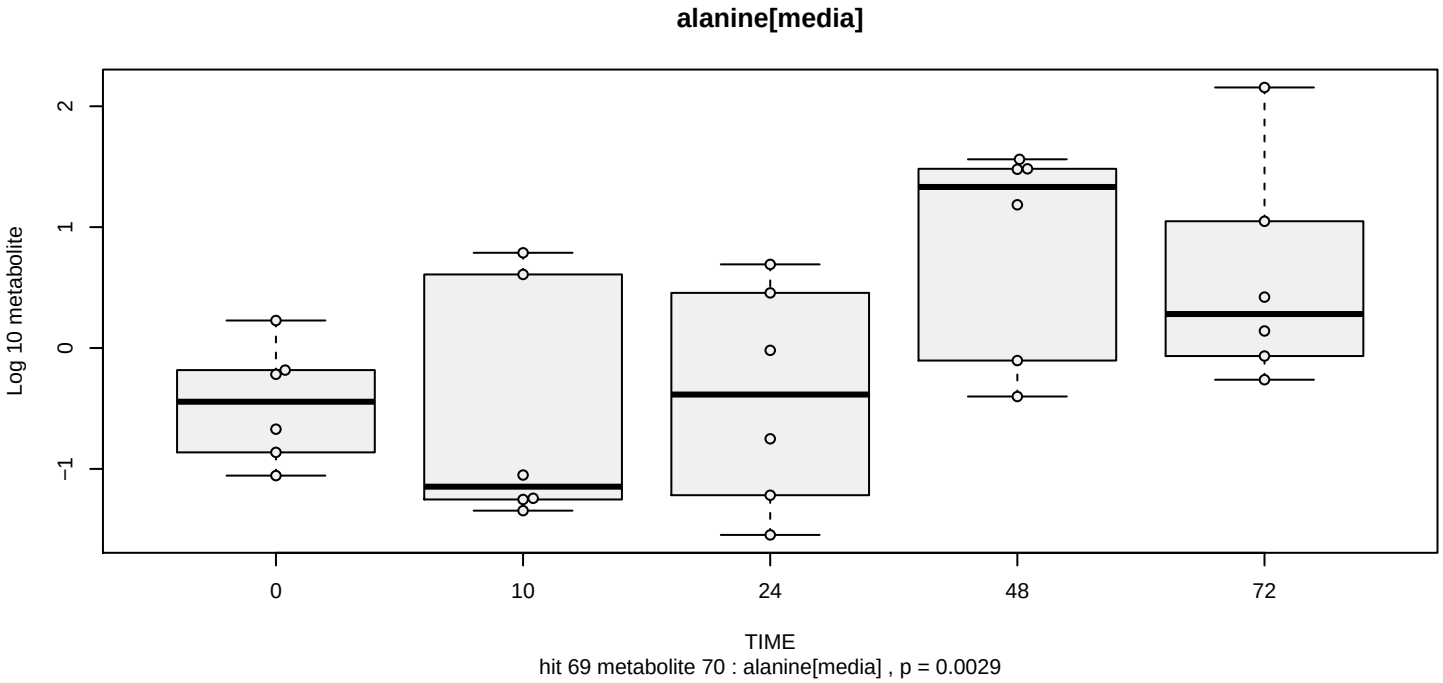
hit 66 metabolite 67 : acetylcarnitine[media] , p = 0.4



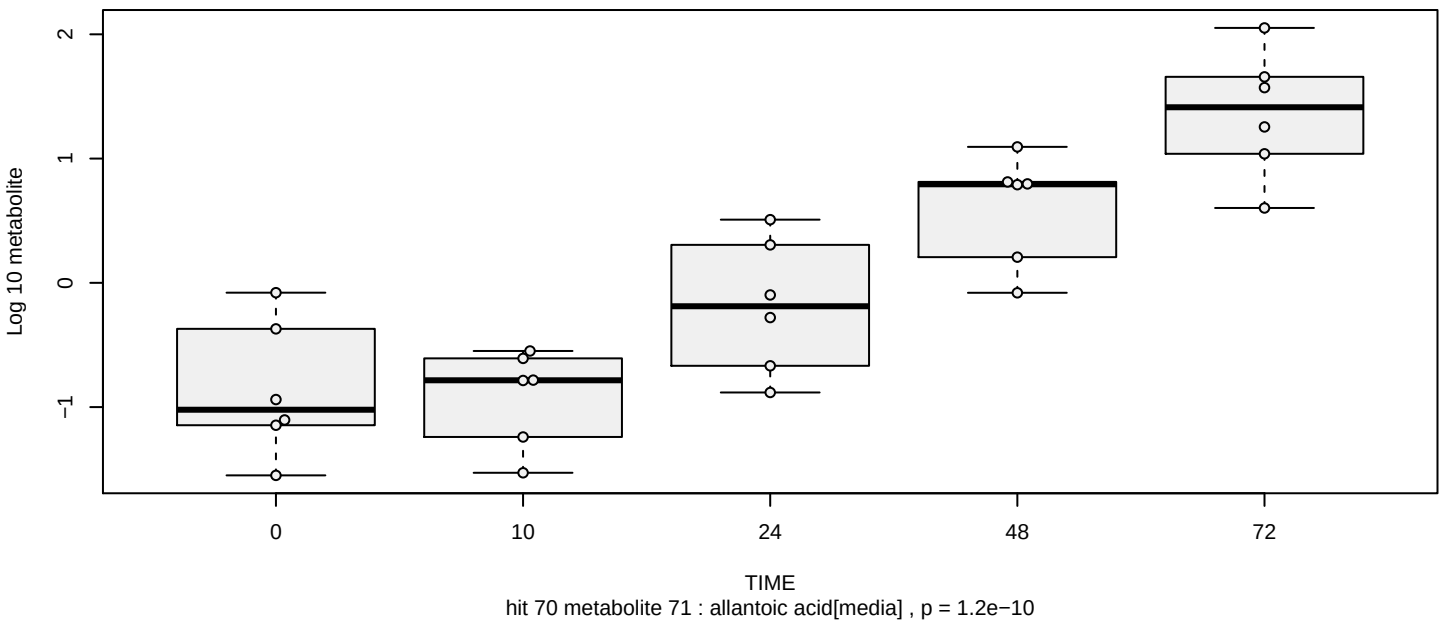
hit 67 metabolite 68 : aconitate [cis or trans][media] , p = 8.7e−07



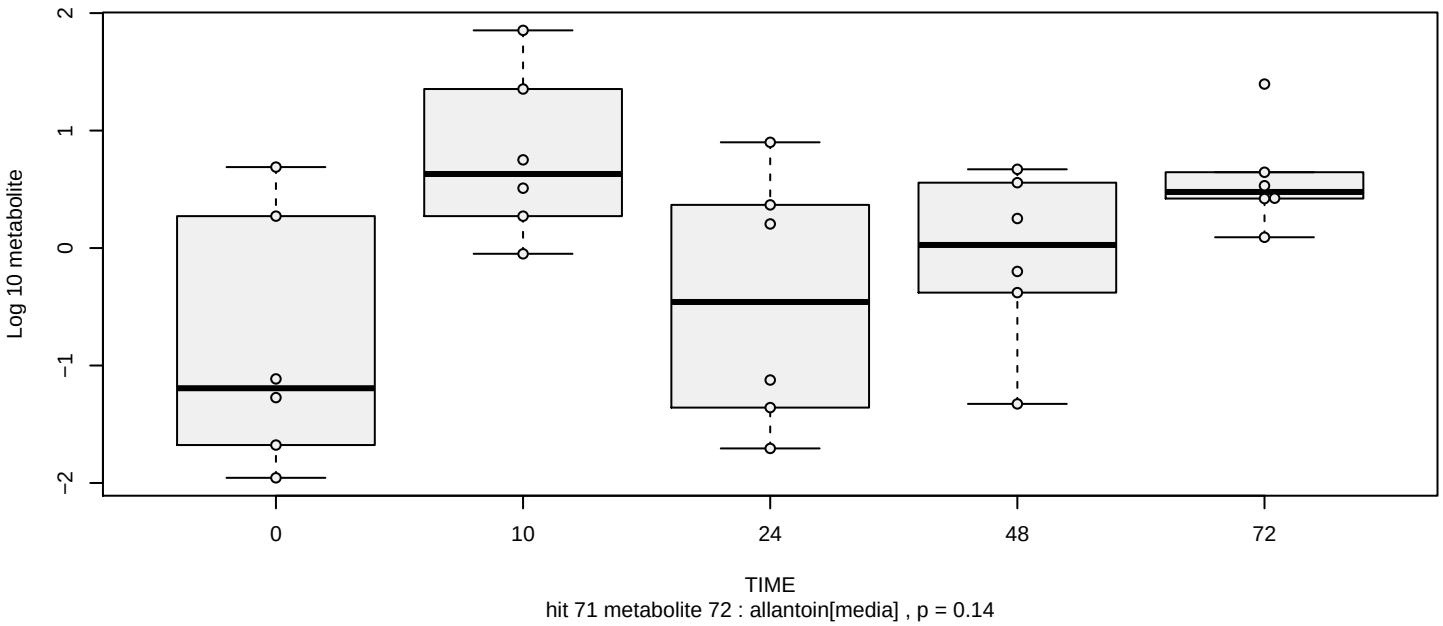
hit 68 metabolite 69 : adenine[media] , p = 0.011



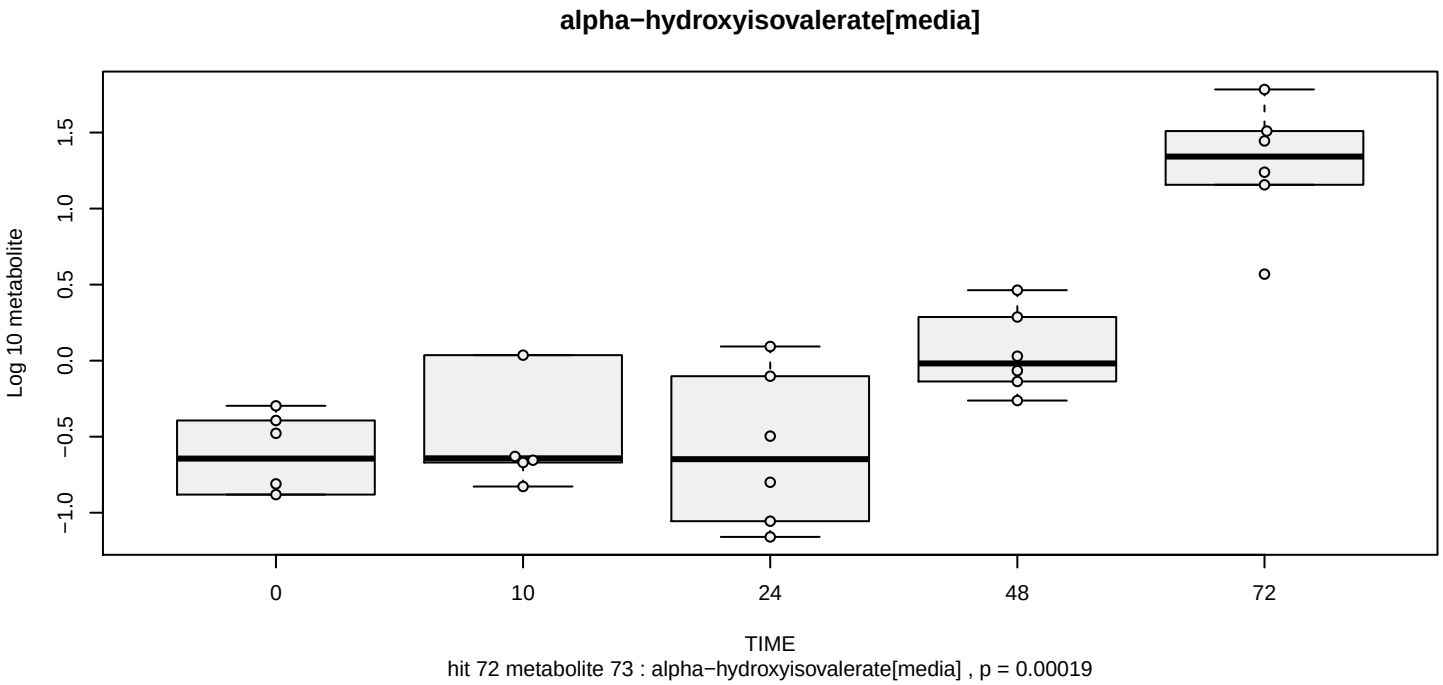
hit 69 metabolite 70 : alanine[media] , p = 0.0029



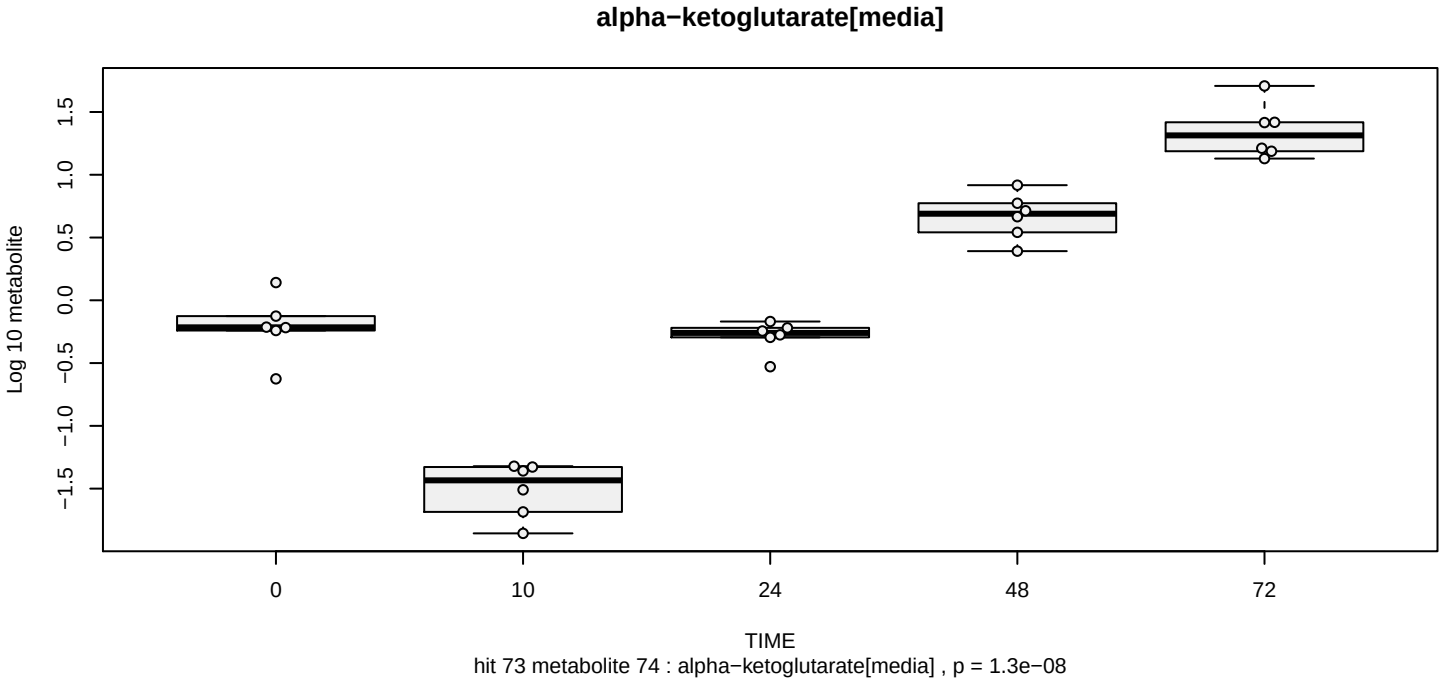
hit 70 metabolite 71 : allantoic acid[media] , p = 1.2e−10



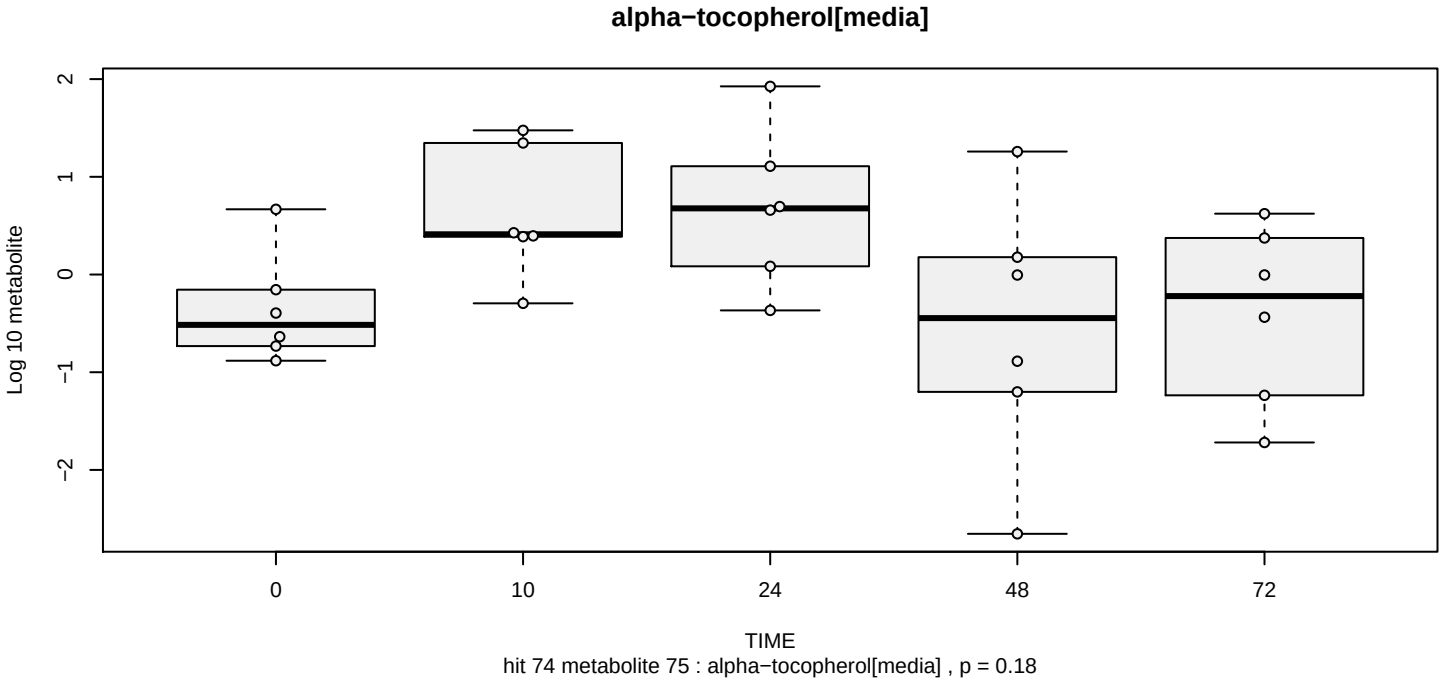
hit 71 metabolite 72 : allantoin[media] , p = 0.14



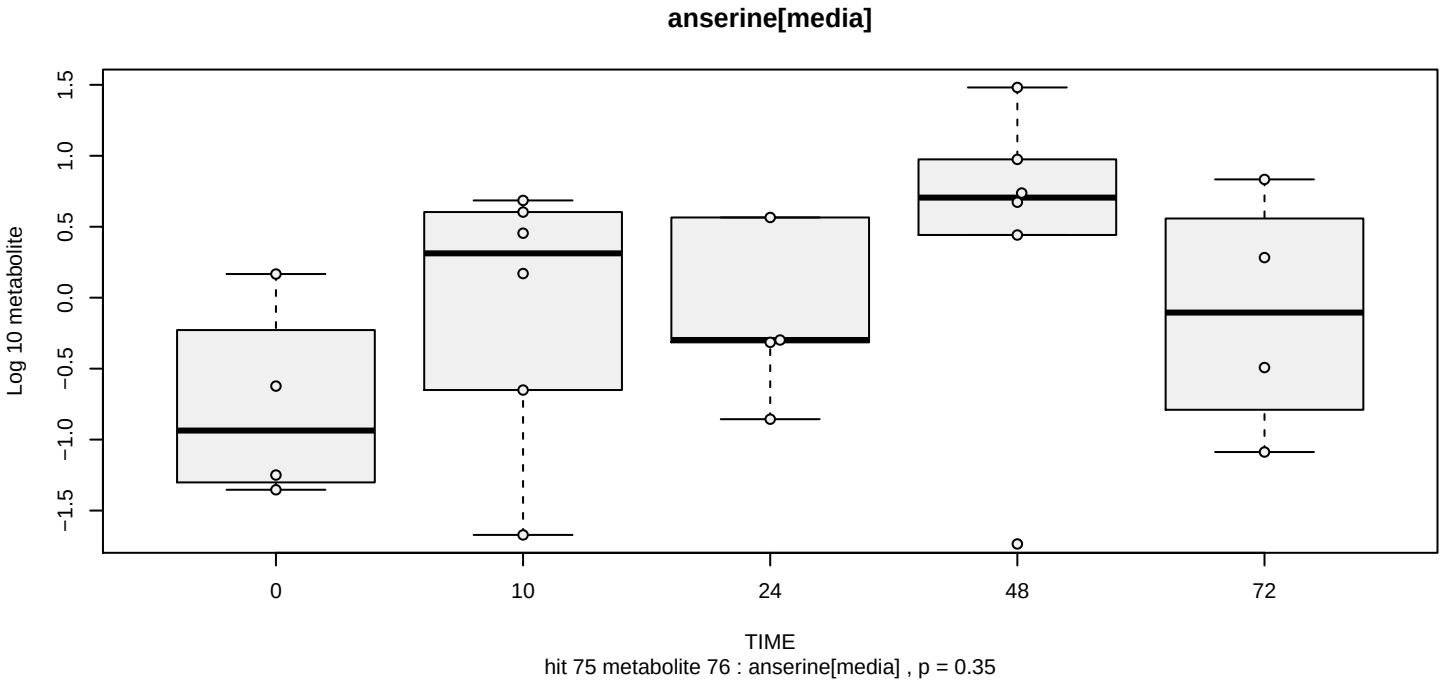
hit 72 metabolite 73 : alpha−hydroxyisovalerate[media] , p = 0.00019



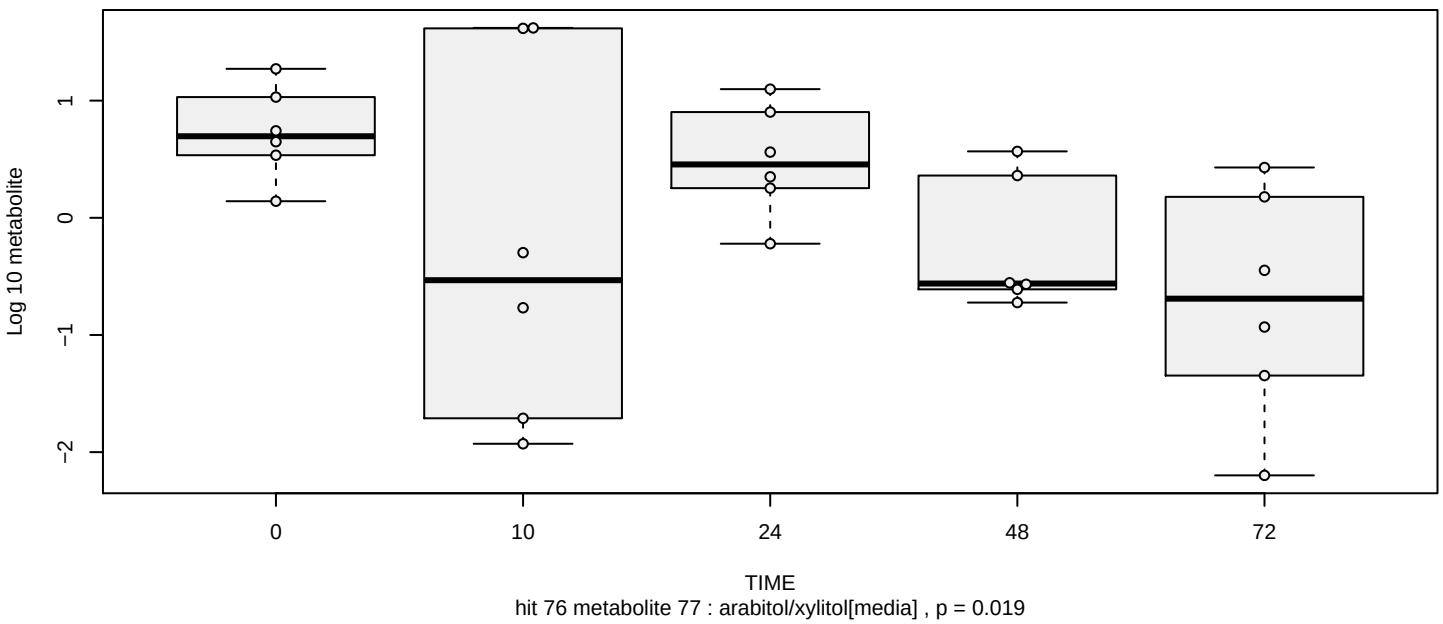
hit 73 metabolite 74 : alpha−ketoglutarate[media] , p = 1.3e−08



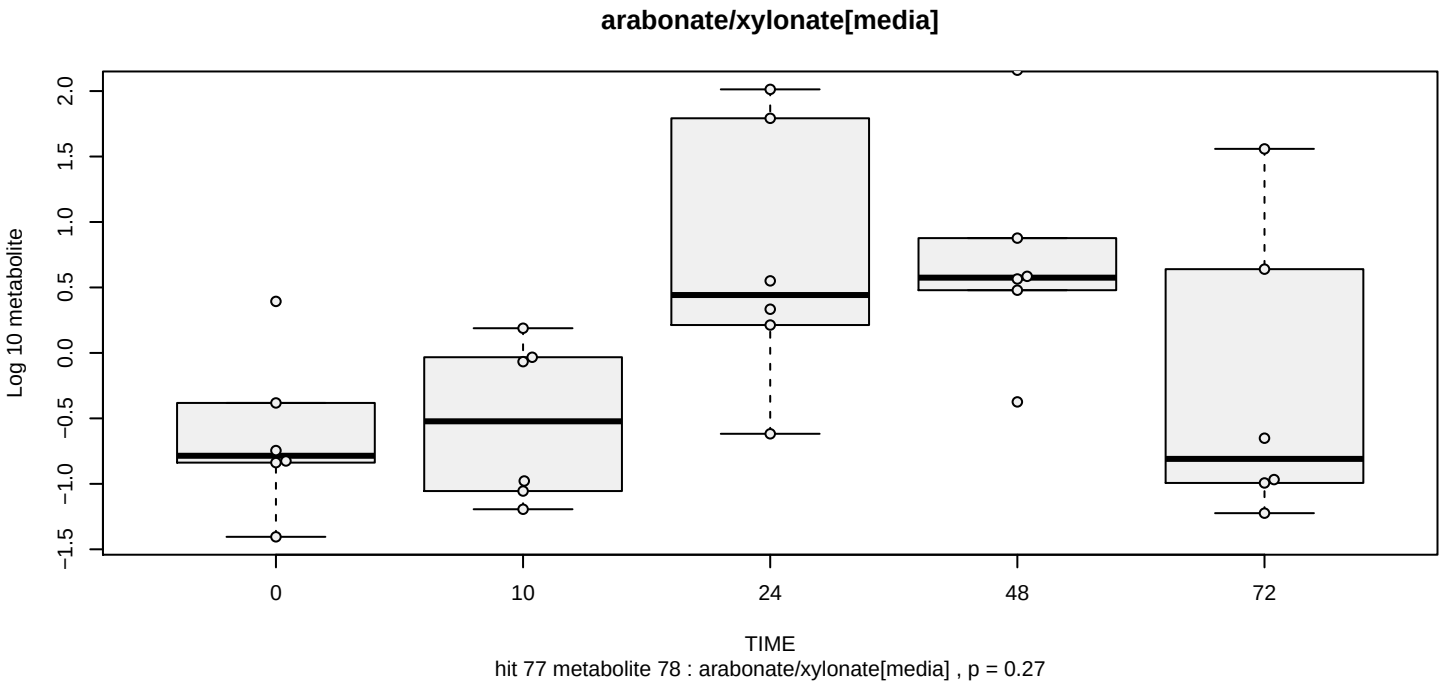
hit 74 metabolite 75 : alpha−tocopherol[media] , p = 0.18



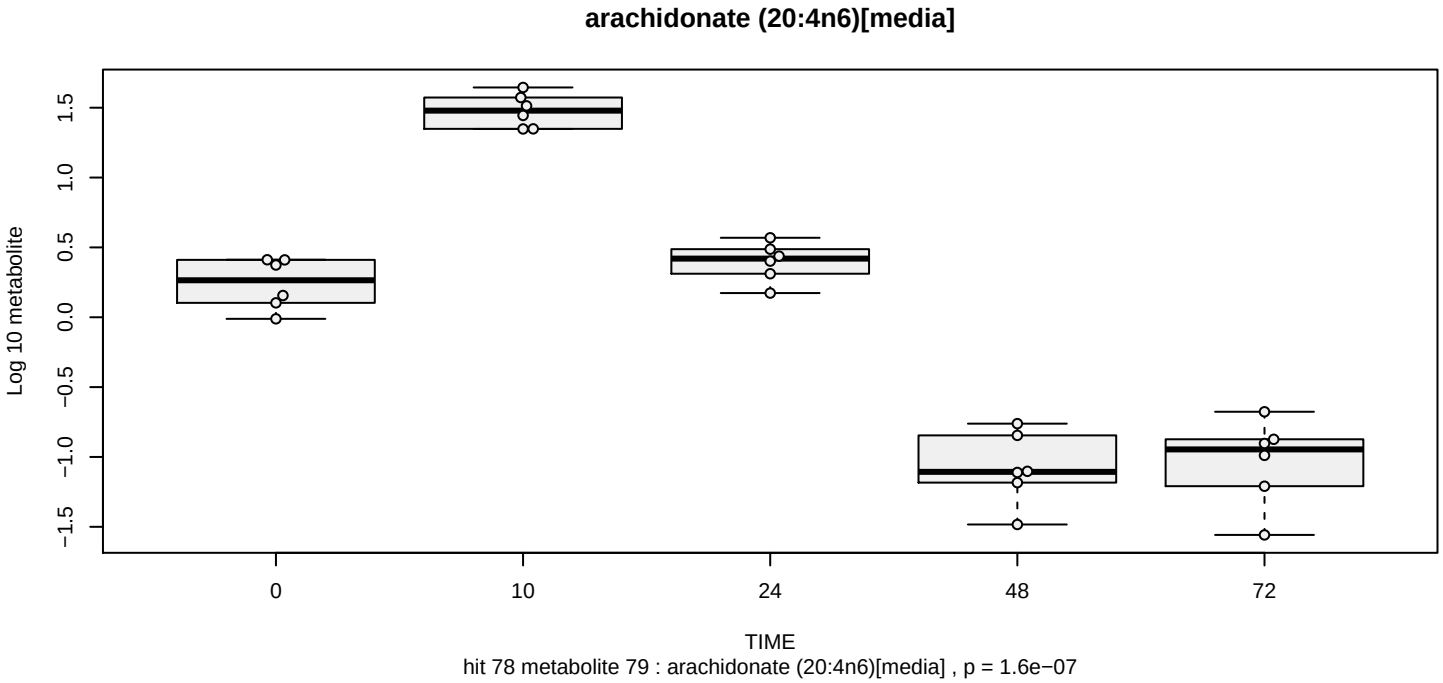
hit 75 metabolite 76 : anserine[media] , p = 0.35



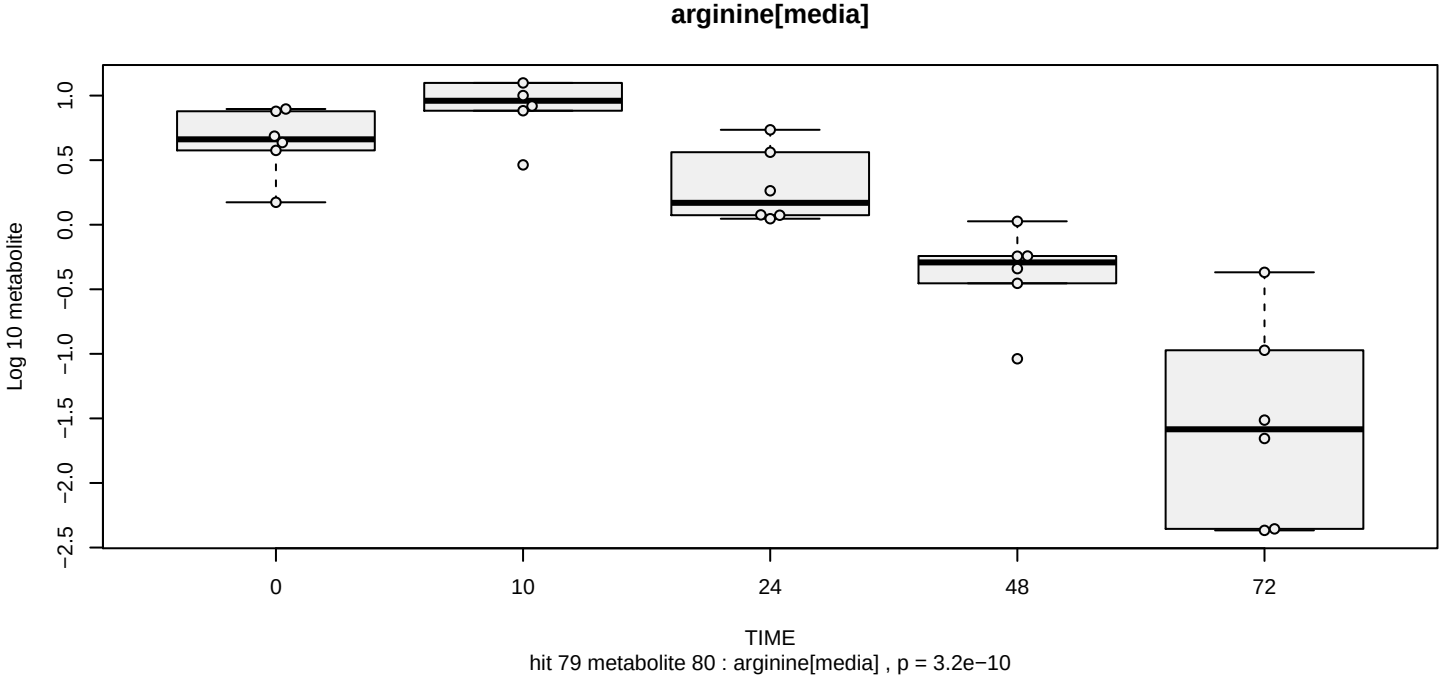
hit 76 metabolite 77 : arabitol/xylitol[media] , p = 0.019



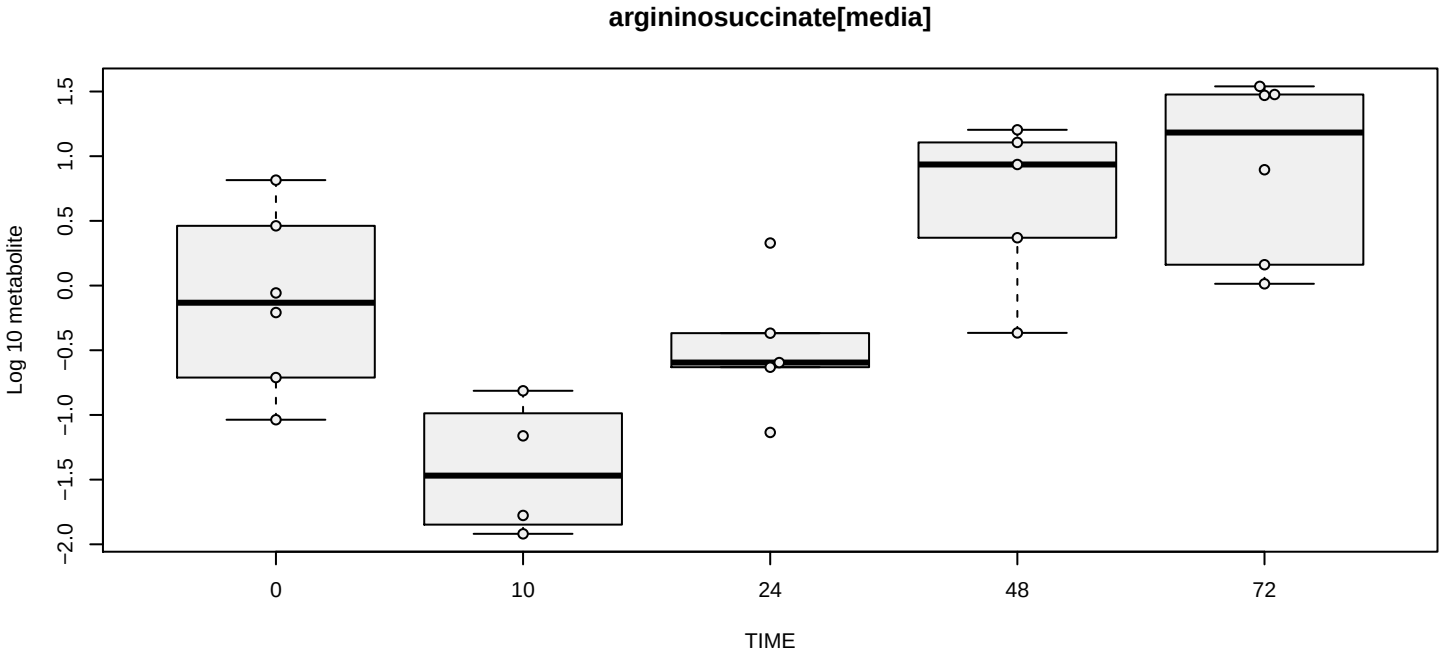
hit 77 metabolite 78 : arabonate/xylonate[media] , p = 0.27



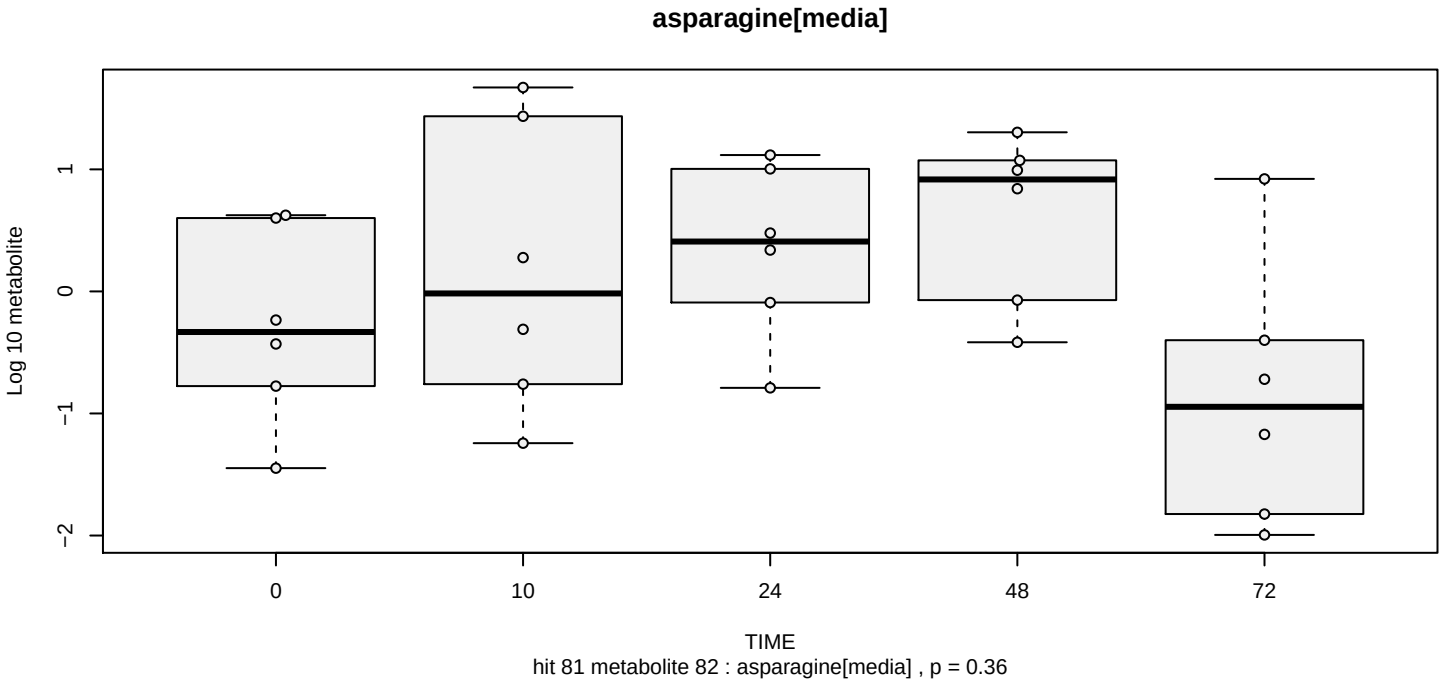
hit 78 metabolite 79 : arachidonate (20:4n6)[media] , p = 1.6e−07



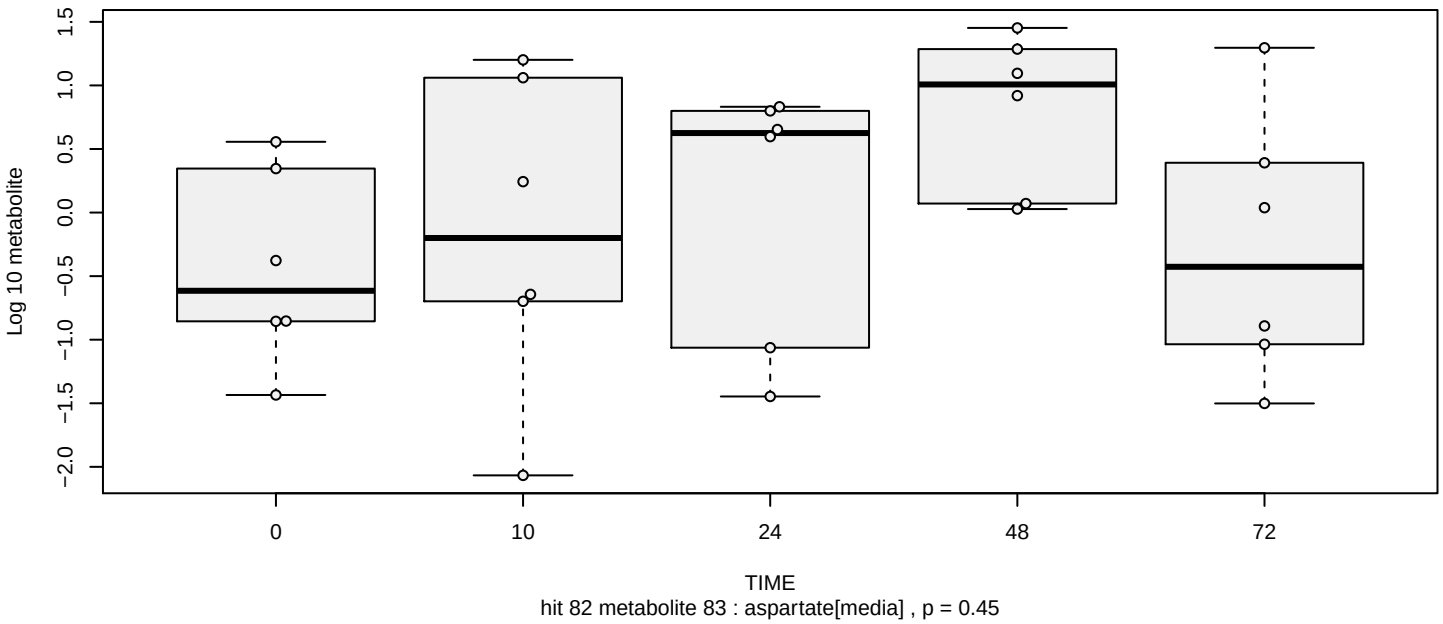
hit 79 metabolite 80 : arginine[media] , p = 3.2e−10



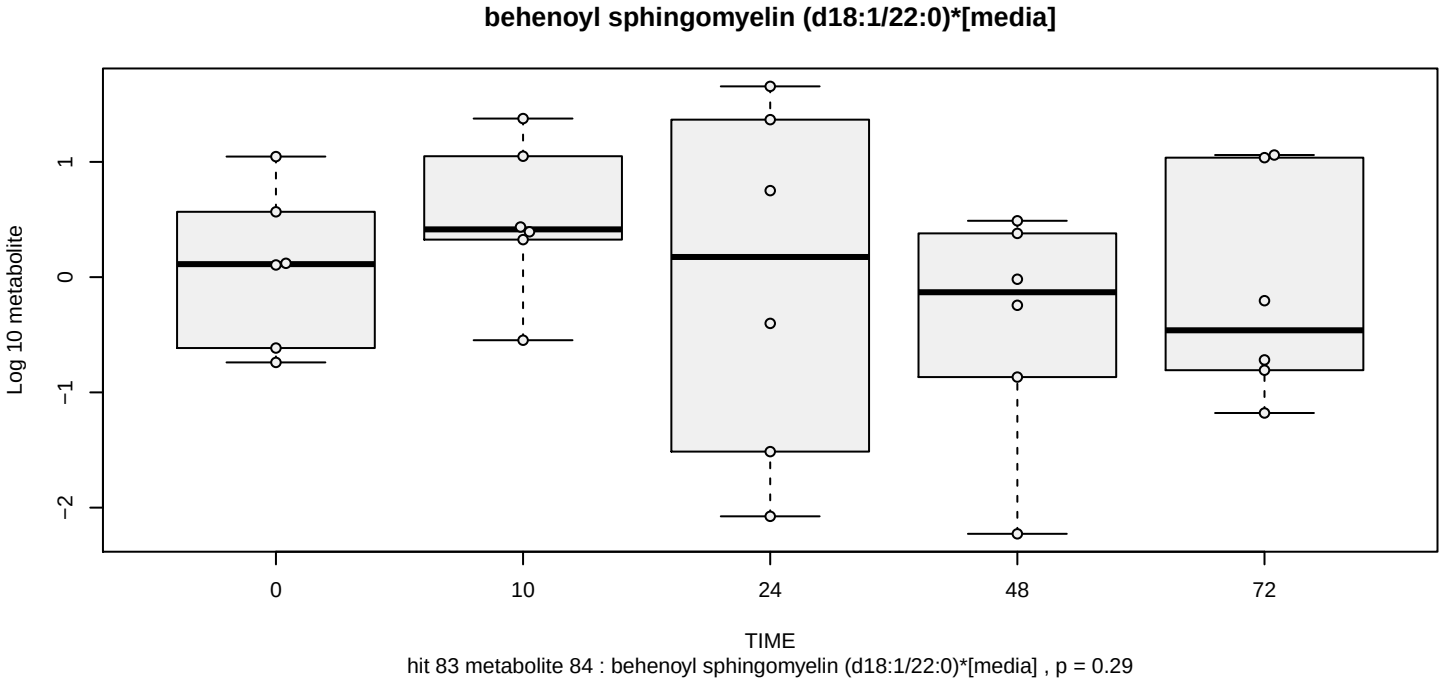
hit 80 metabolite 81 : argininosuccinate[media] , p = 0.00047



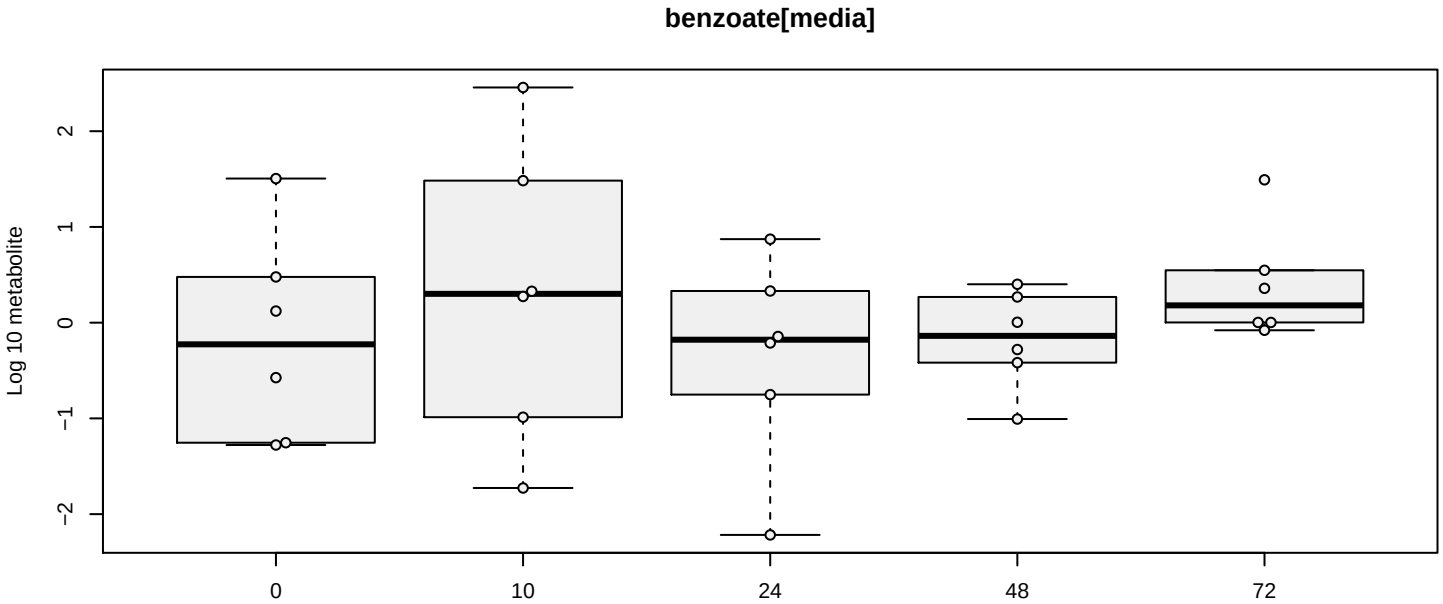
hit 81 metabolite 82 : asparagine[media] , p = 0.36



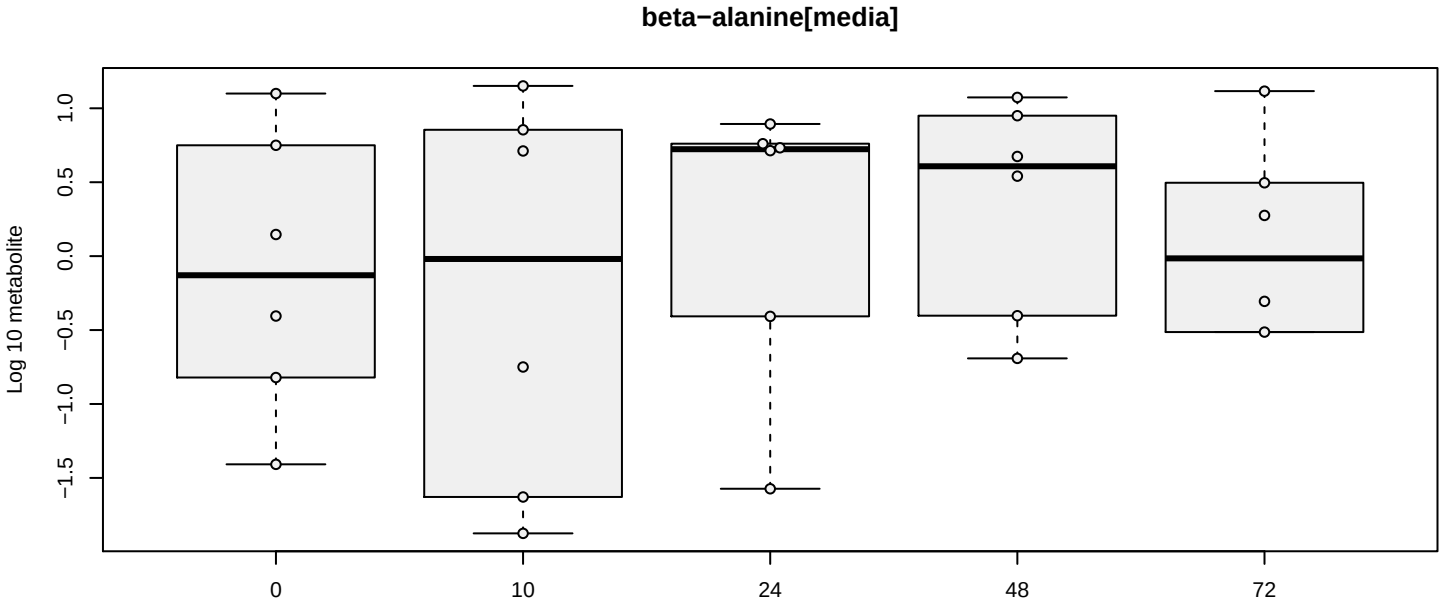
hit 82 metabolite 83 : aspartate[media] , p = 0.45



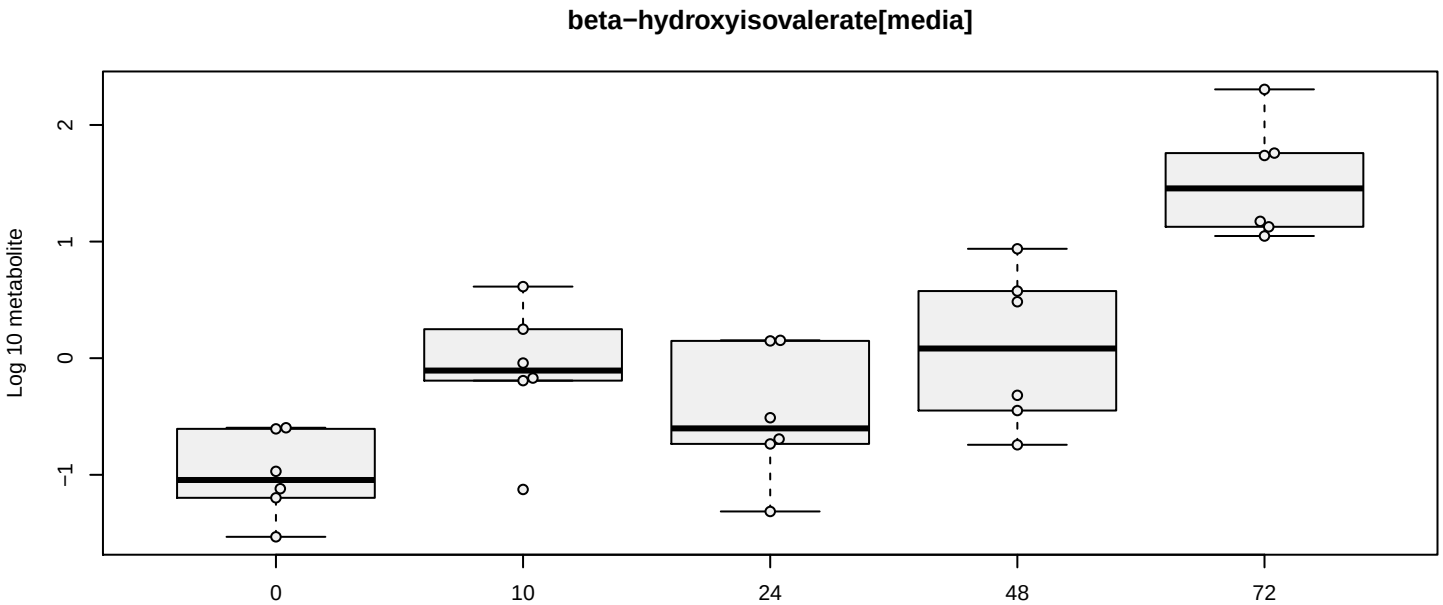
hit 83 metabolite 84 : behenoyl sphingomyelin (d18:1/22:0)*[media] , p = 0.29



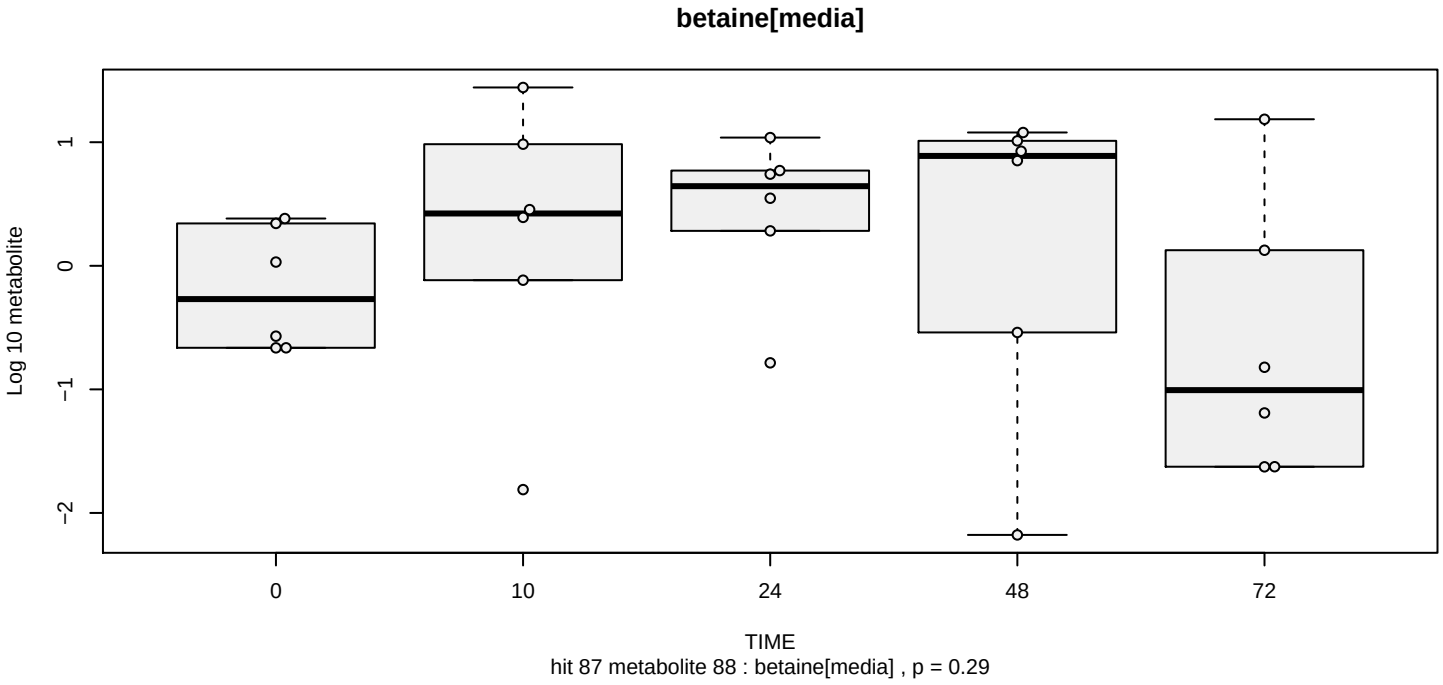
hit 84 metabolite 85 : benzoate[media] , p = 0.56



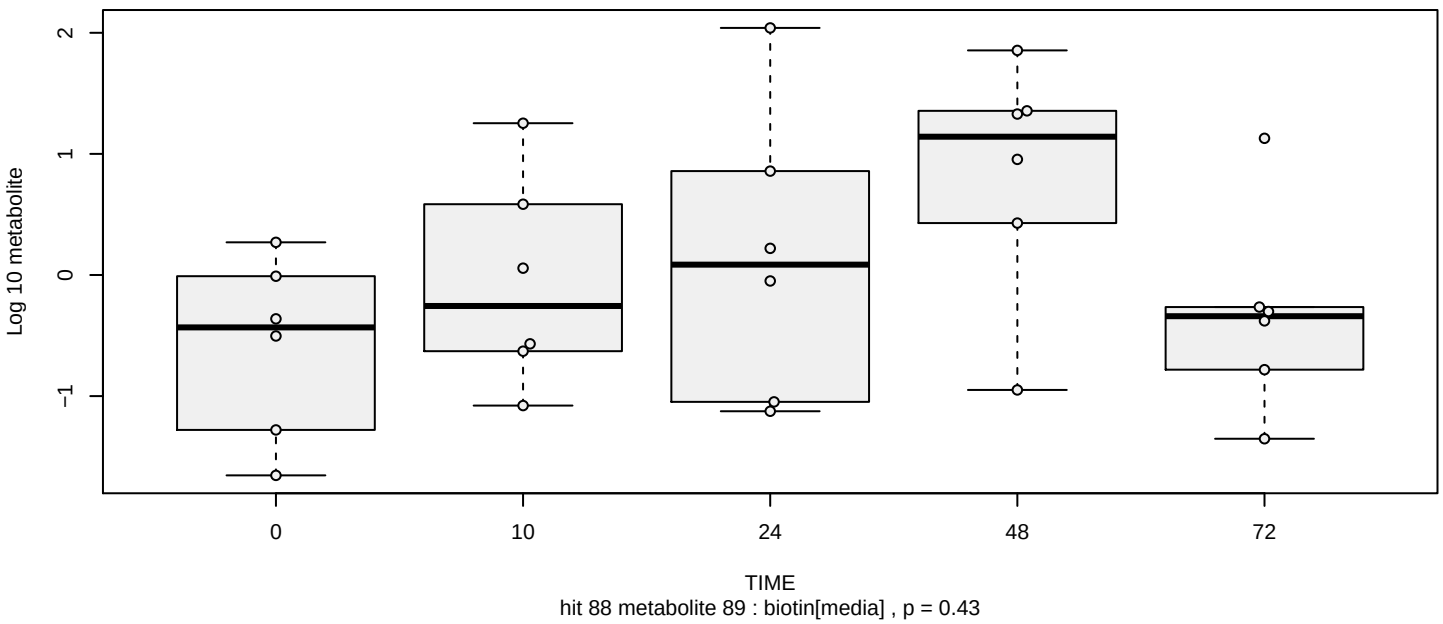
hit 85 metabolite 86 : beta−alanine[media] , p = 0.81



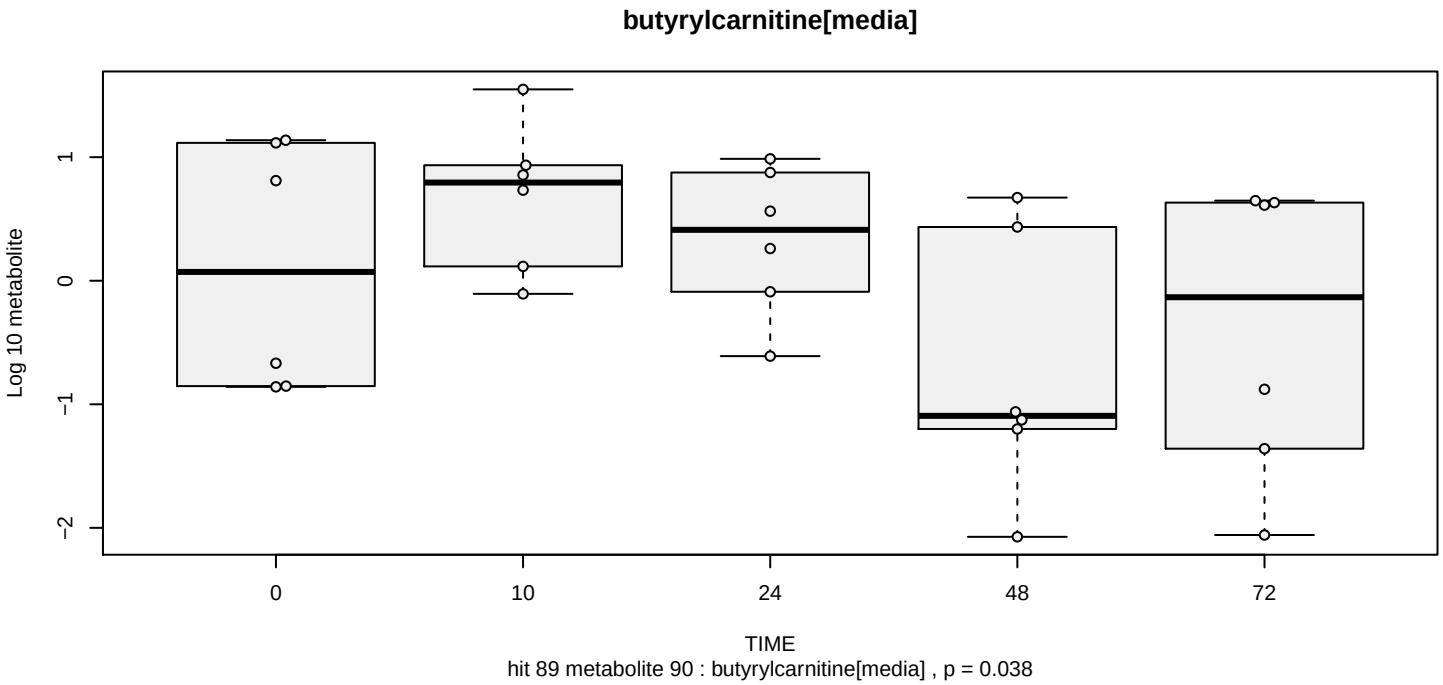
hit 86 metabolite 87 : beta−hydroxyisovalerate[media] , p = 3e−07



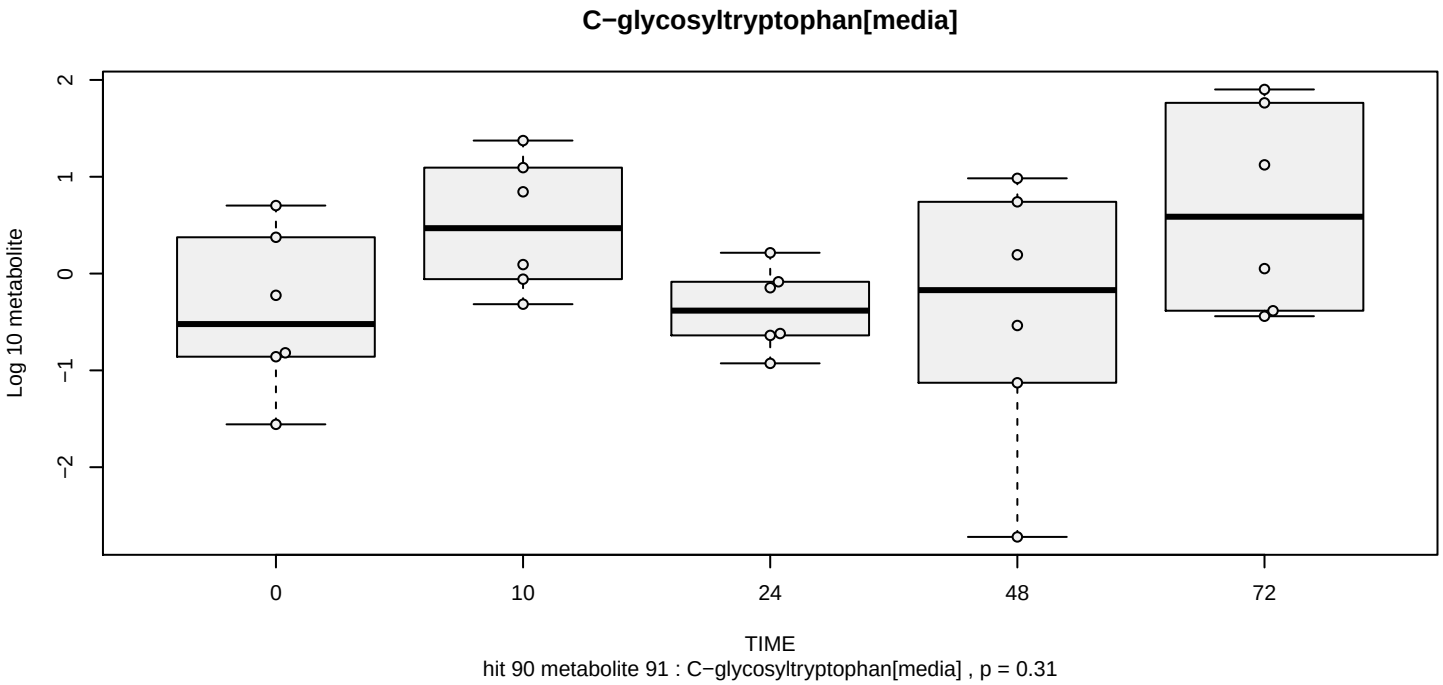
hit 87 metabolite 88 : betaine[media] , p = 0.29



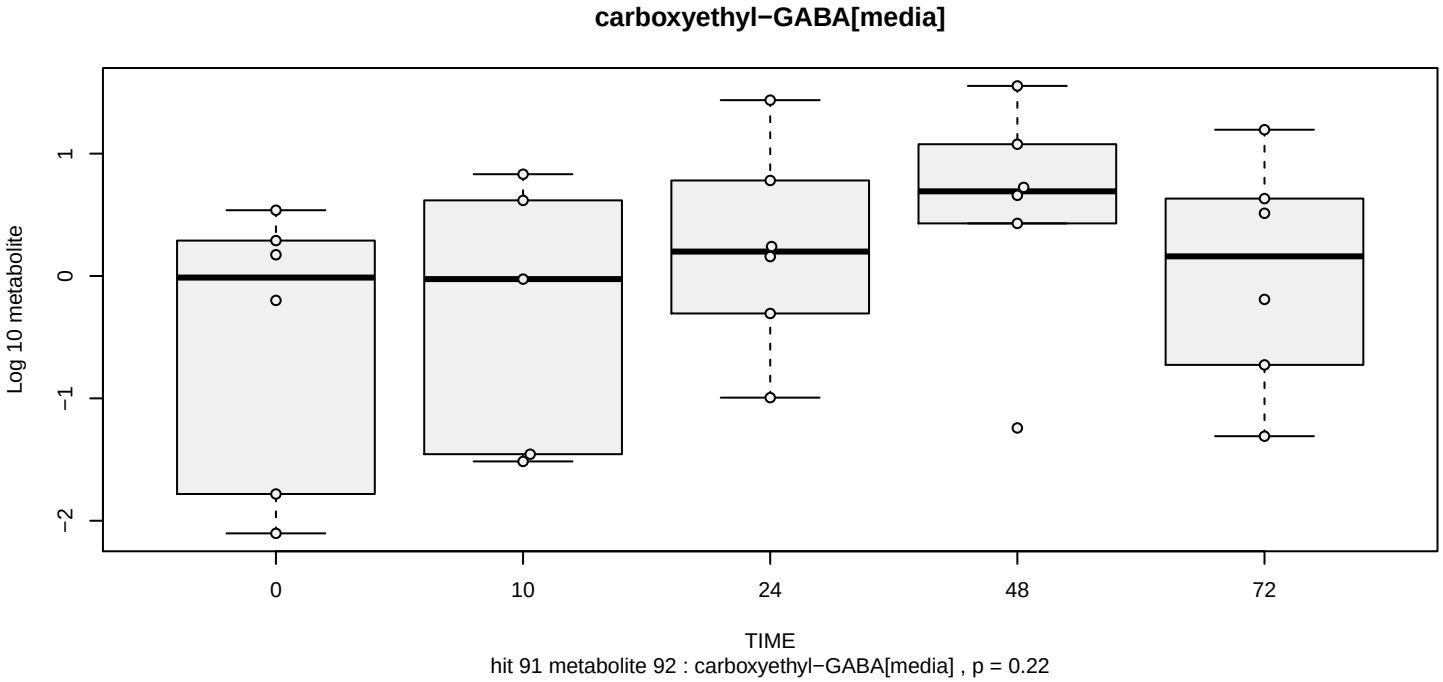
hit 88 metabolite 89 : biotin[media] , p = 0.43



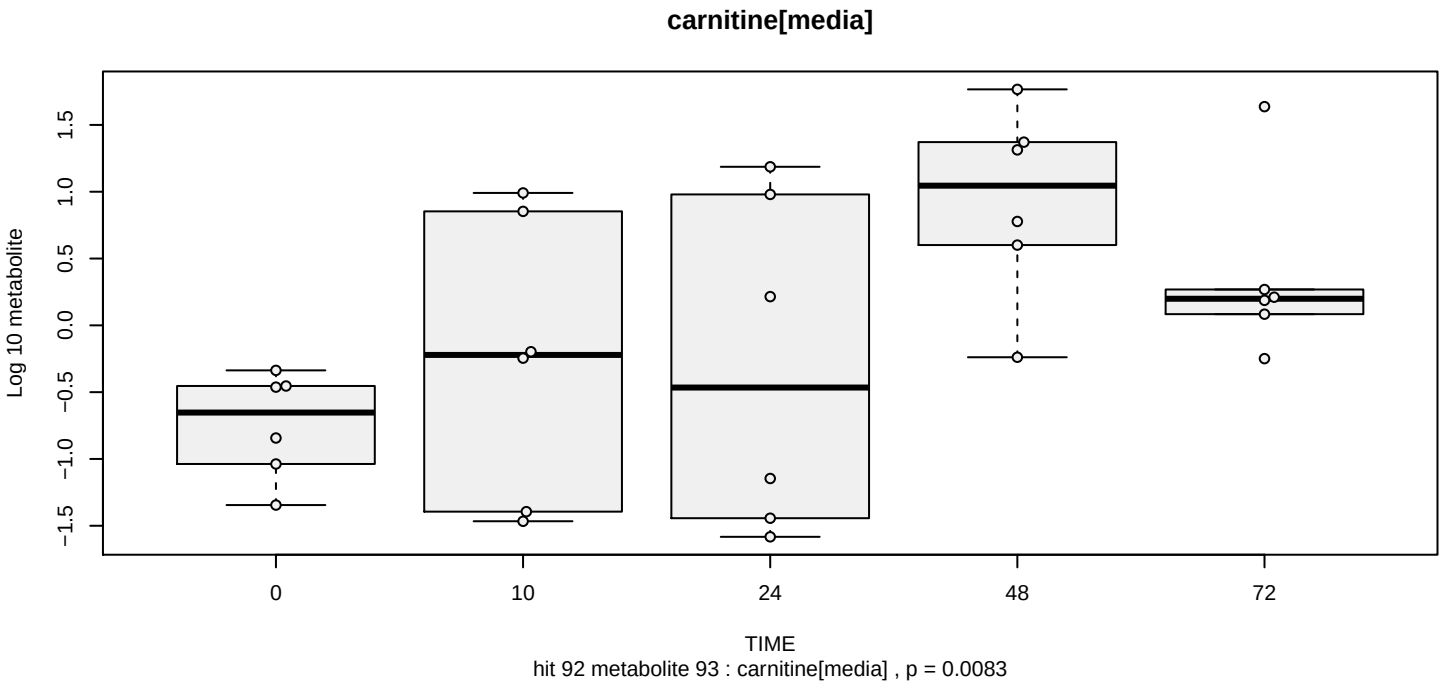
hit 89 metabolite 90 : butyrylcarnitine[media] , p = 0.038



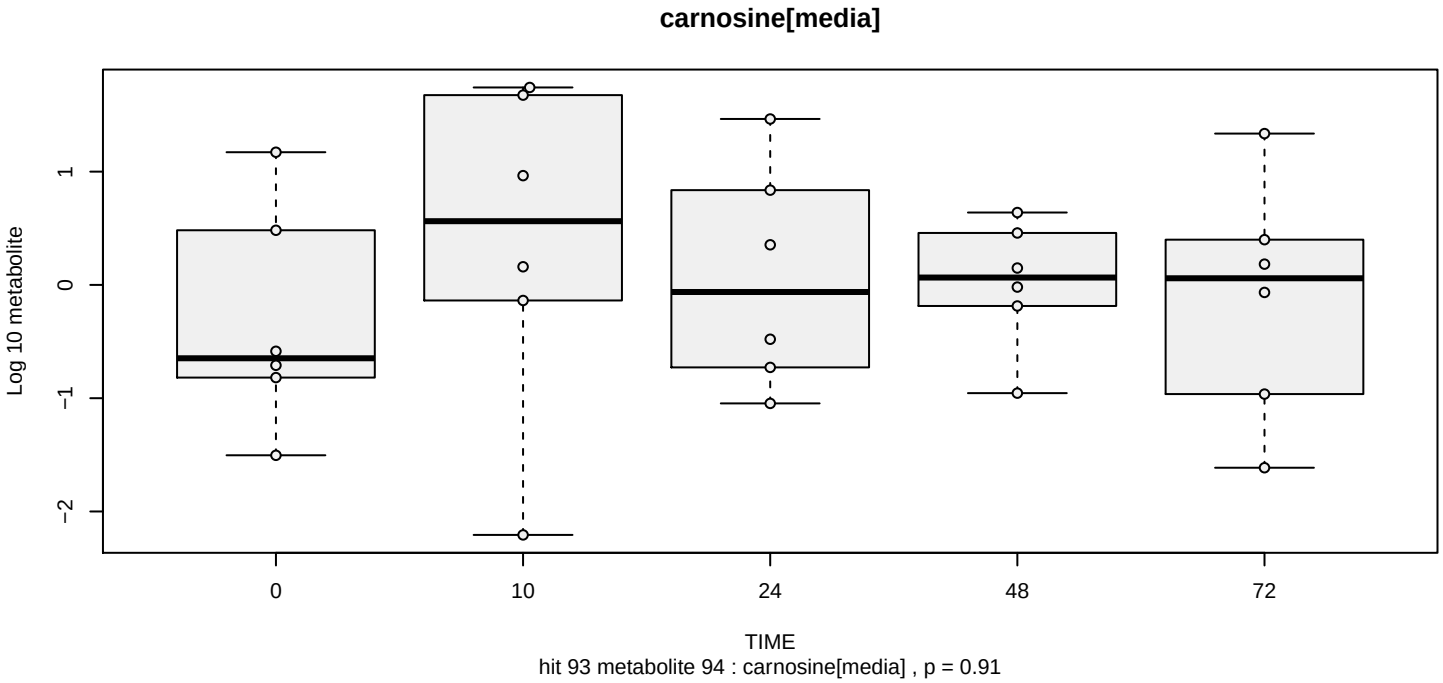
hit 90 metabolite 91 : C−glycosyltryptophan[media] , p = 0.31



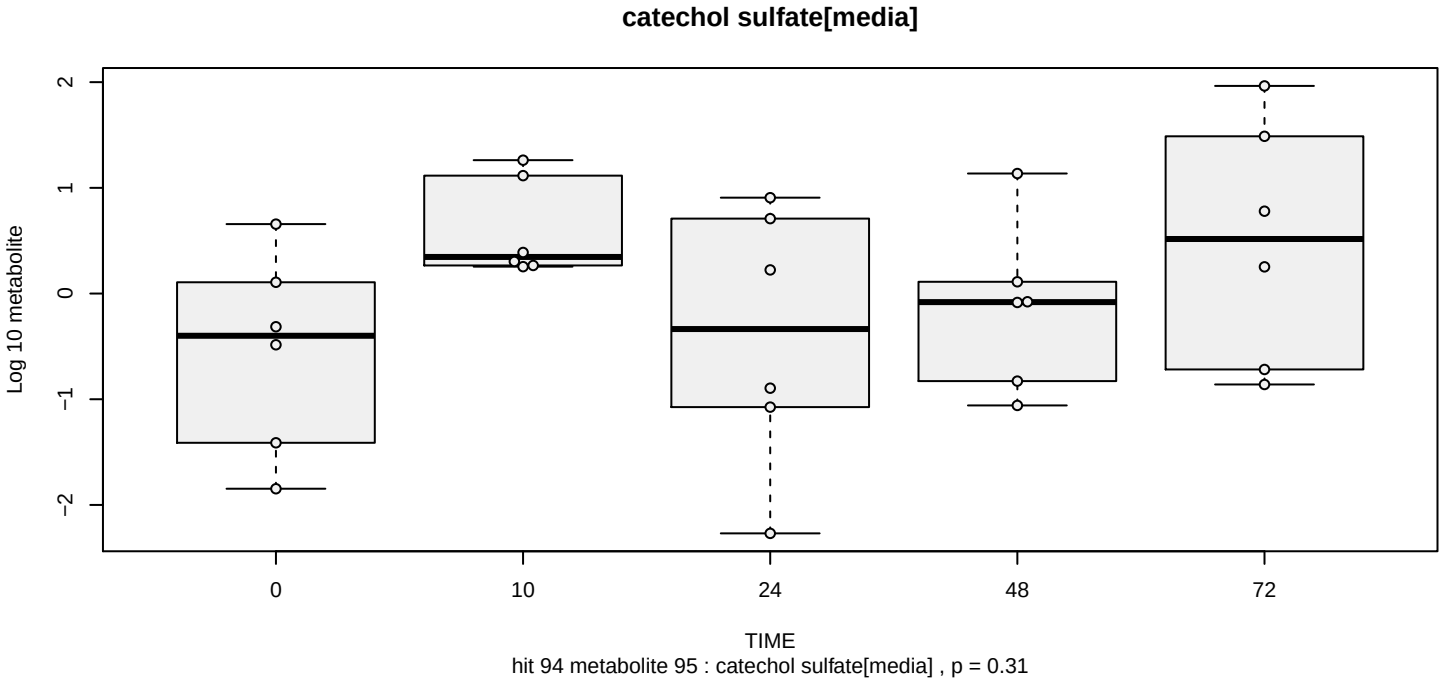
hit 91 metabolite 92 : carboxyethyl−GABA[media] , p = 0.22



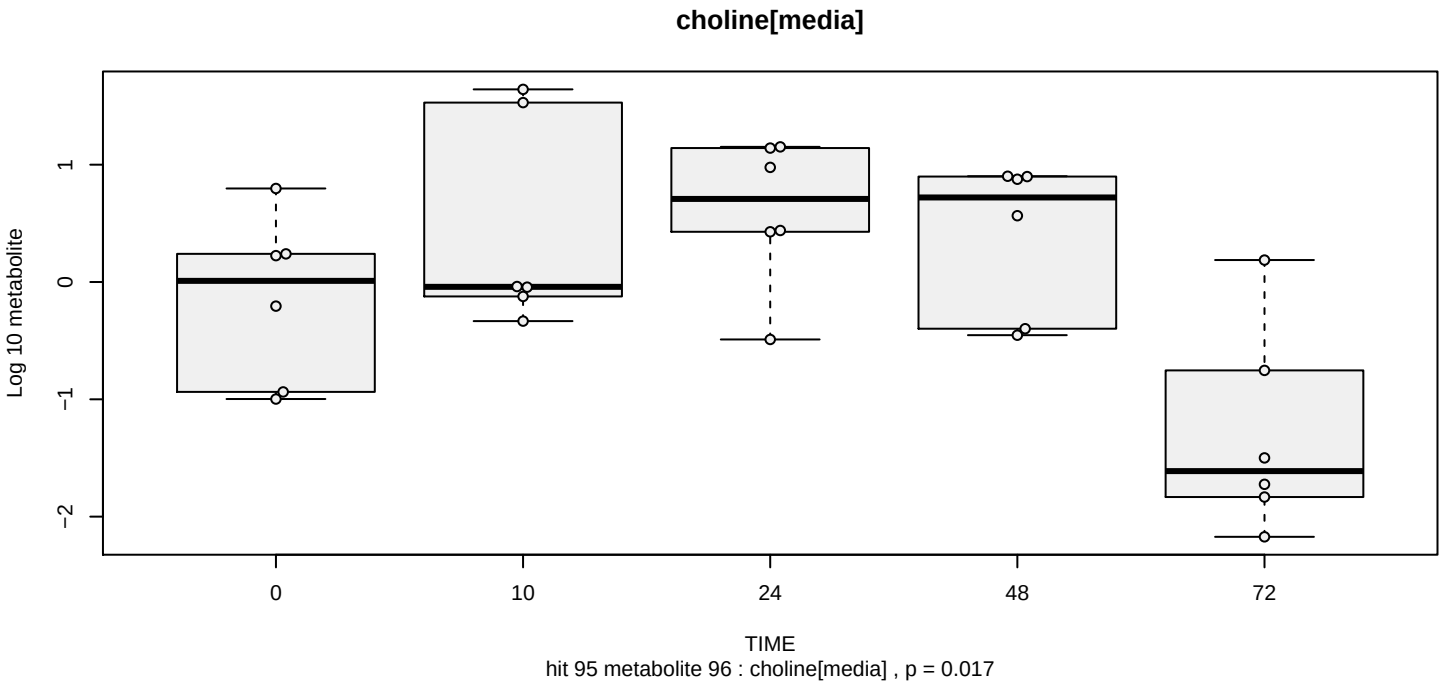
hit 92 metabolite 93 : carnitine[media] , p = 0.0083



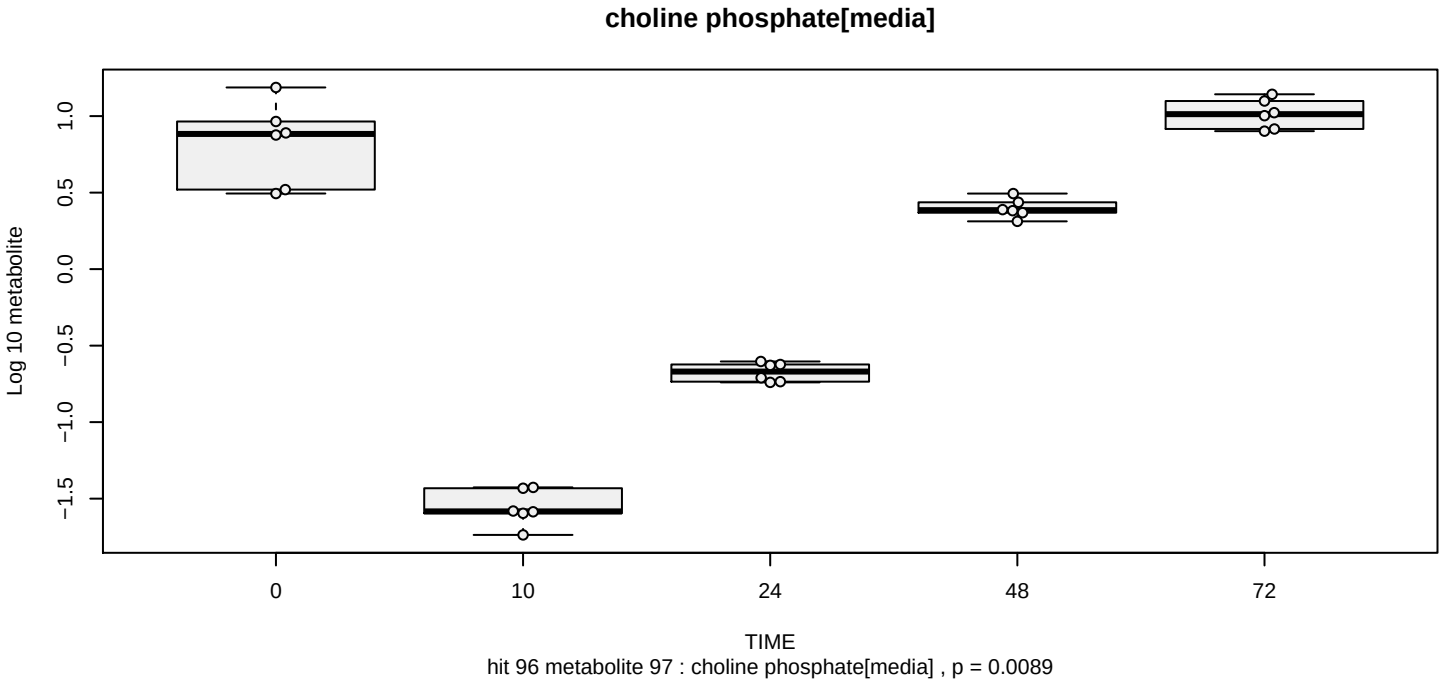
hit 93 metabolite 94 : carnosine[media] , p = 0.91



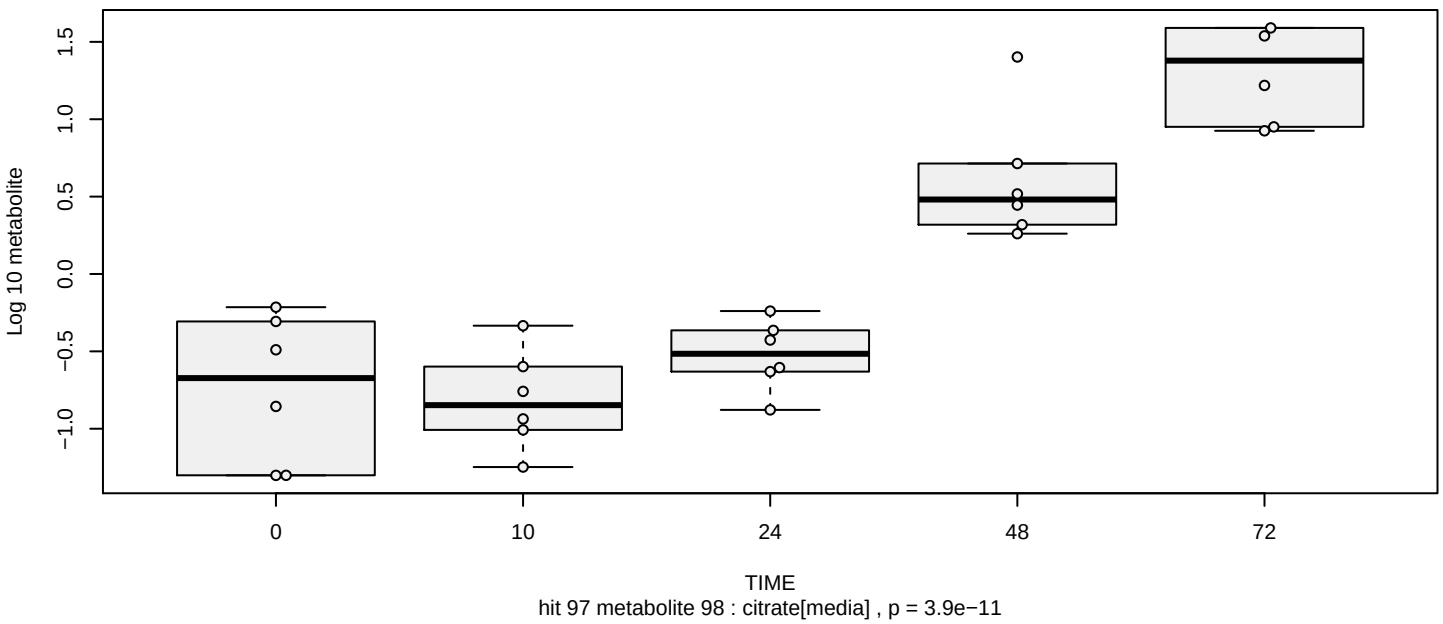
hit 94 metabolite 95 : catechol sulfate[media] , p = 0.31



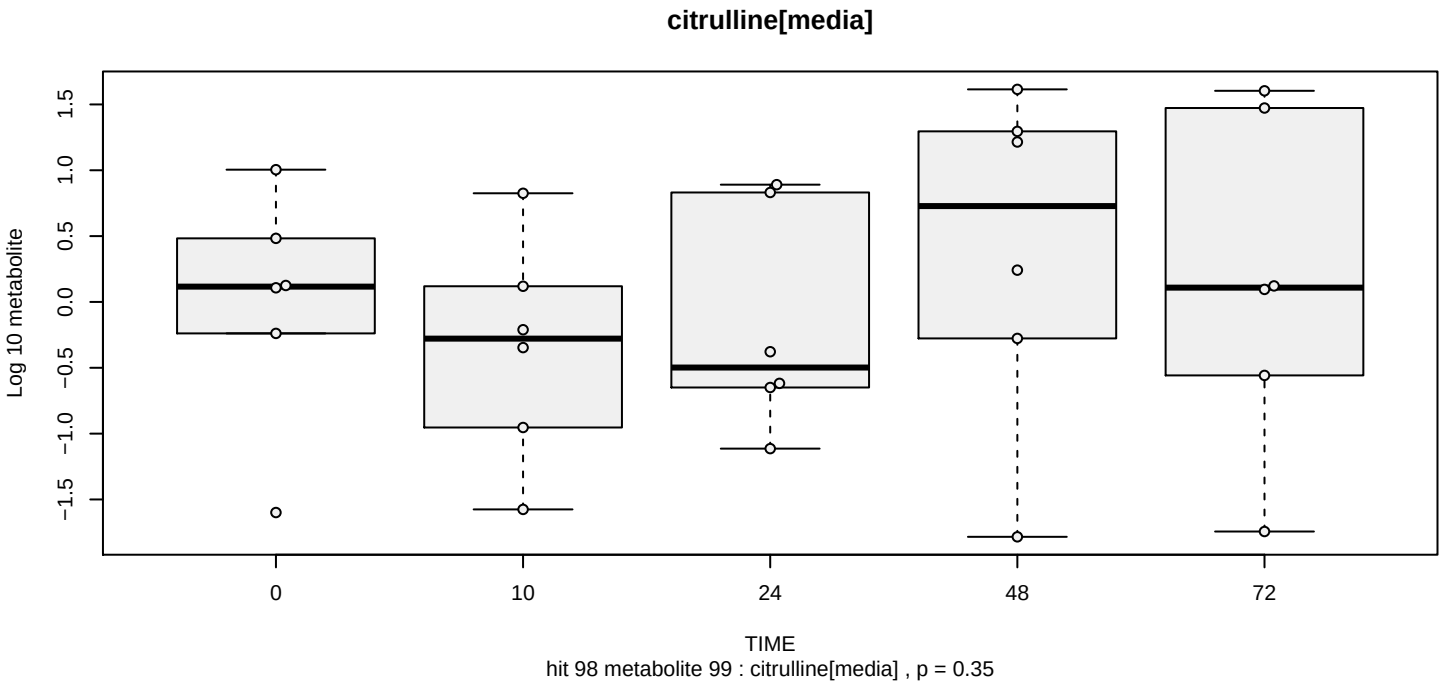
hit 95 metabolite 96 : choline[media] , p = 0.017



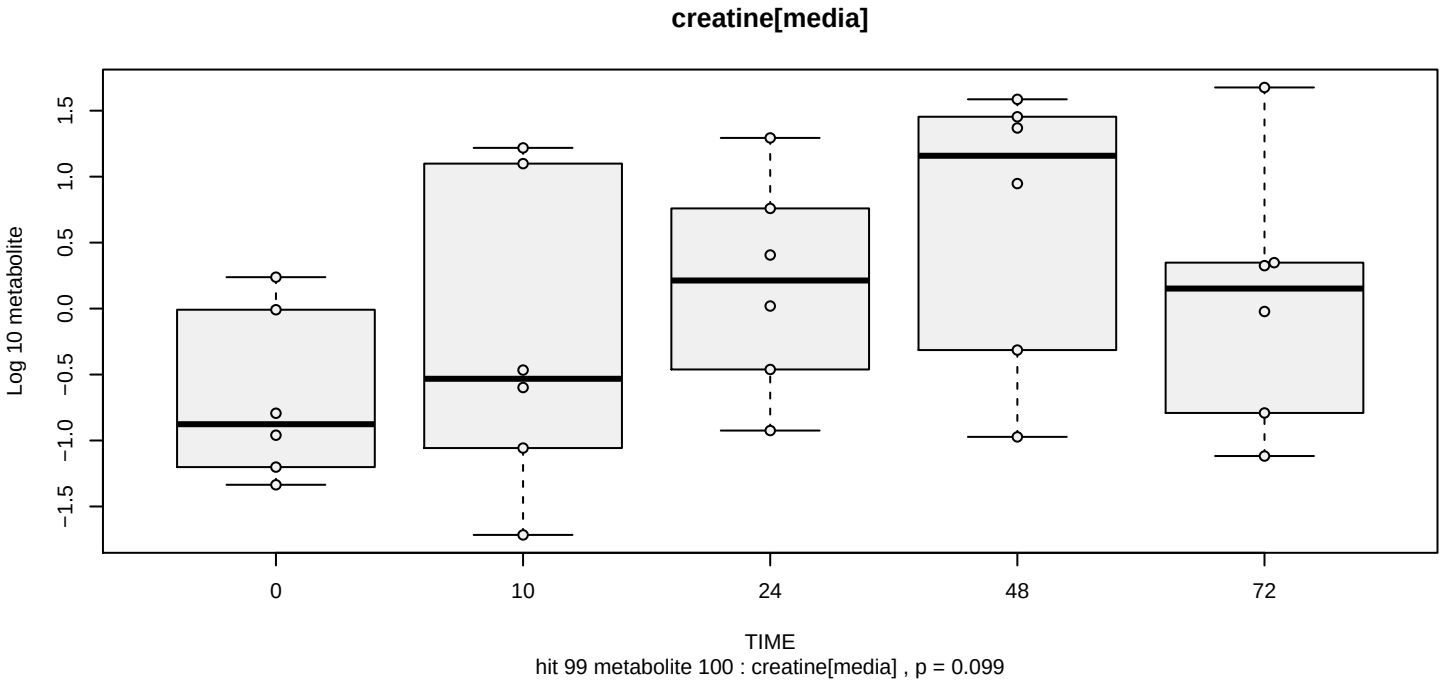
hit 96 metabolite 97 : choline phosphate[media] , p = 0.0089



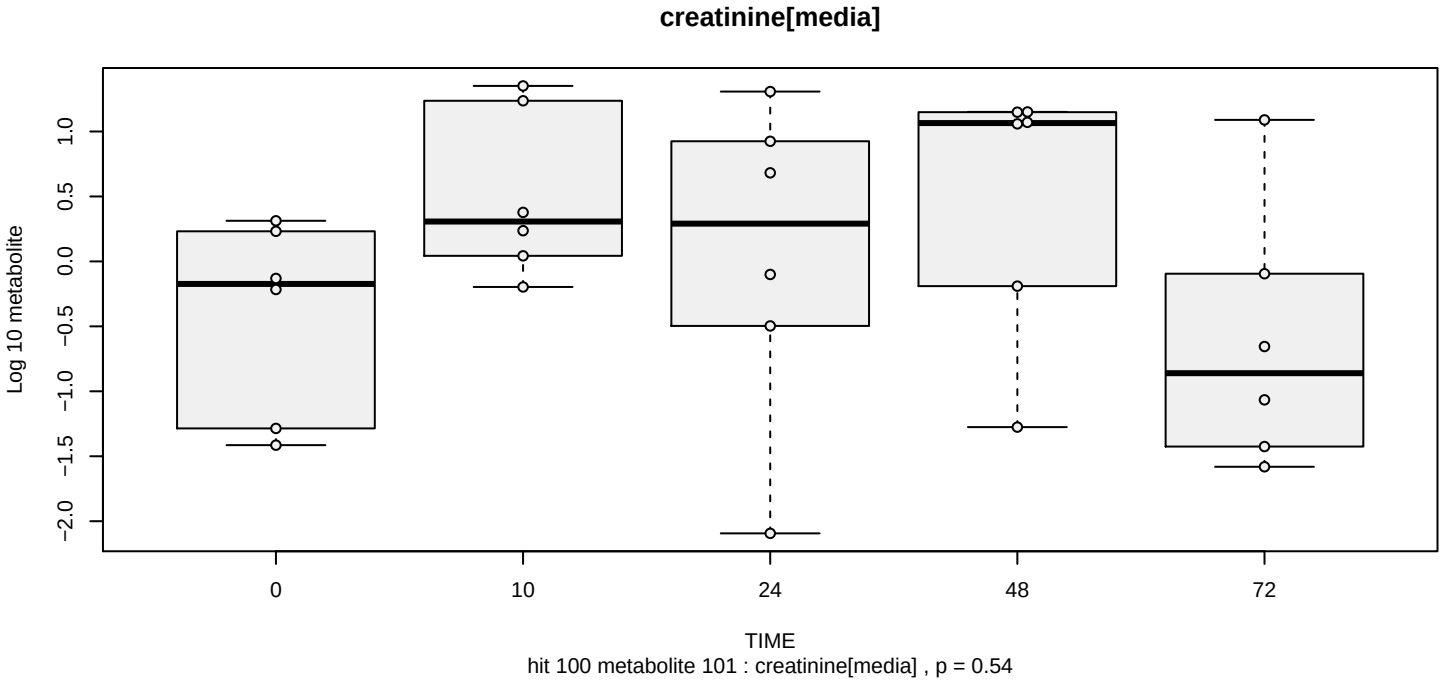
hit 97 metabolite 98 : citrate[media] , p = 3.9e−11



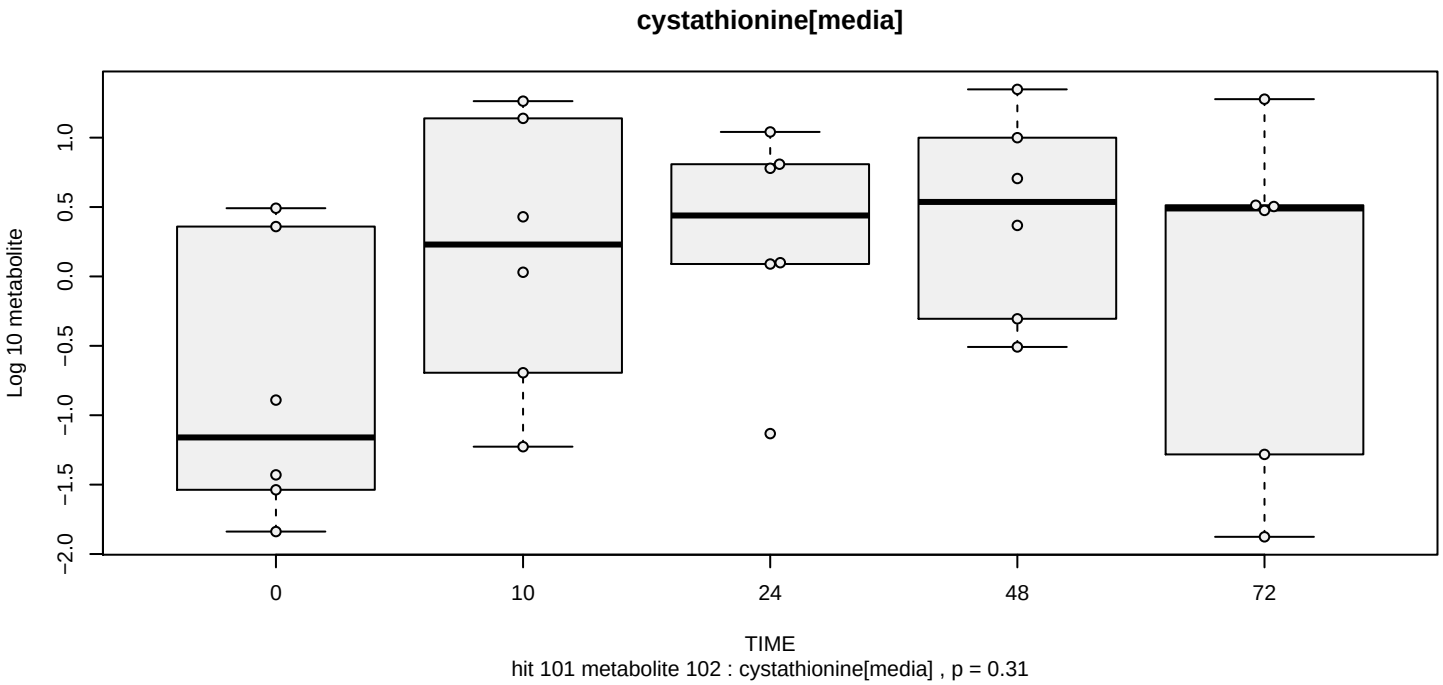
hit 98 metabolite 99 : citrulline[media] , p = 0.35



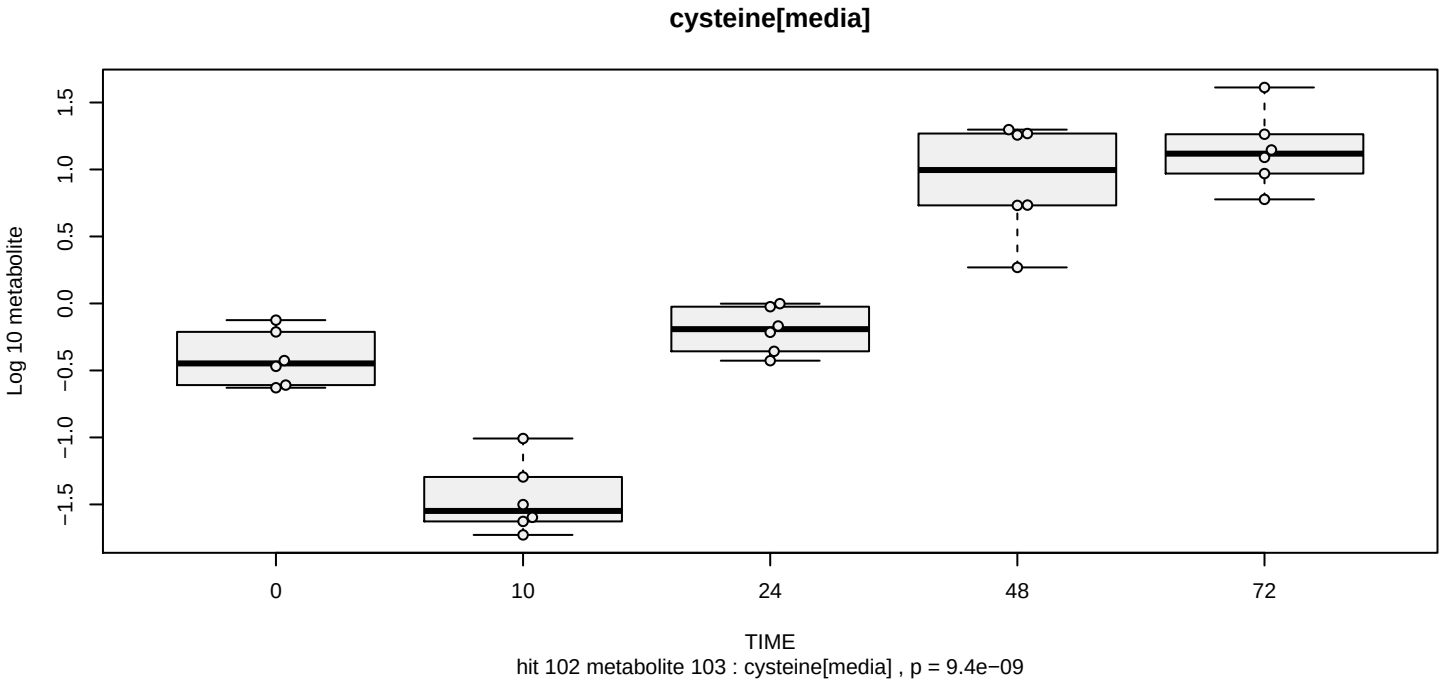
hit 99 metabolite 100 : creatine[media] , p = 0.099



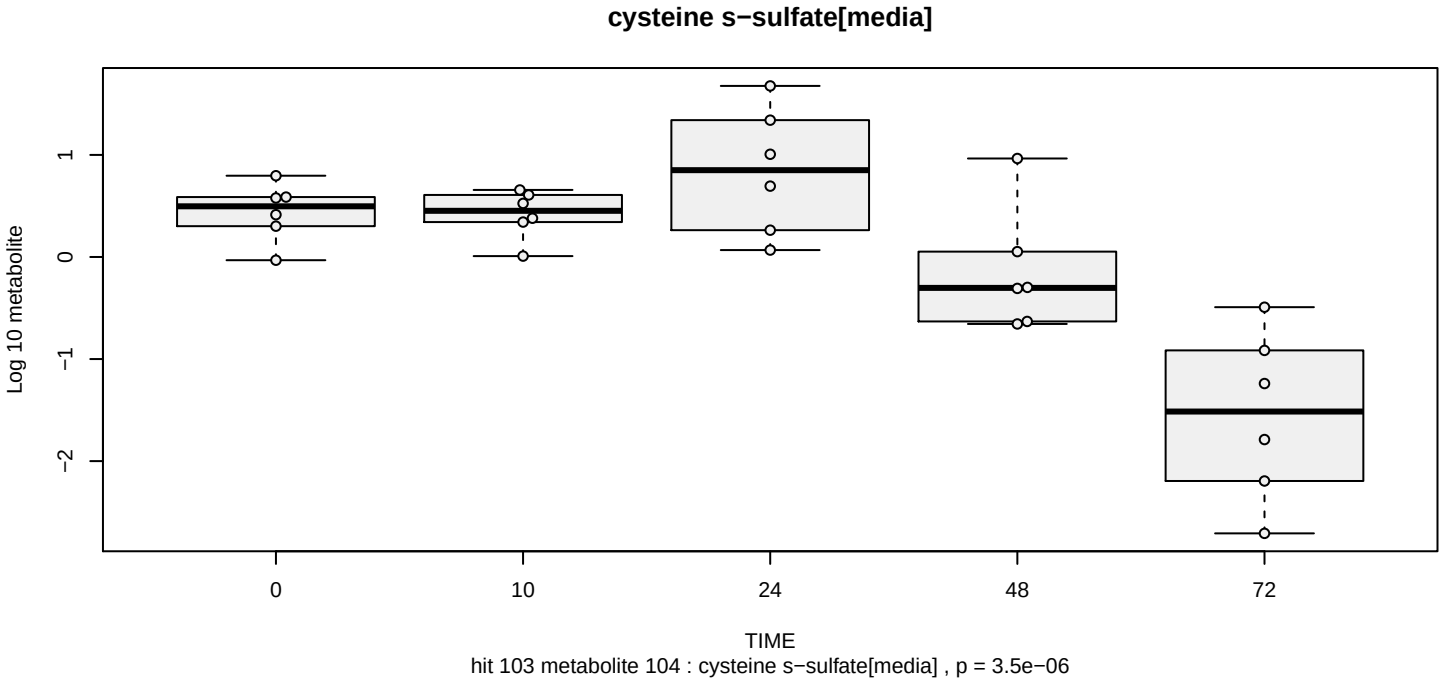
hit 100 metabolite 101 : creatinine[media] , p = 0.54



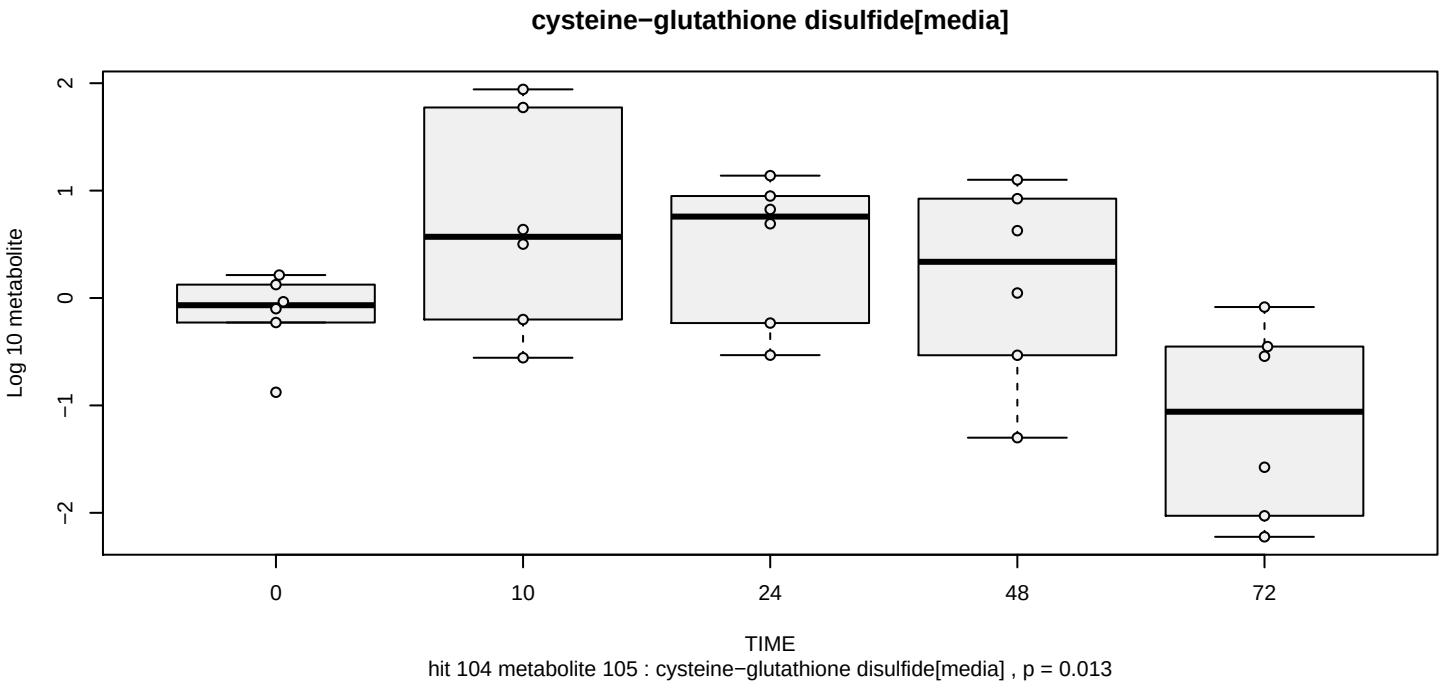
hit 101 metabolite 102 : cystathionine[media] , p = 0.31



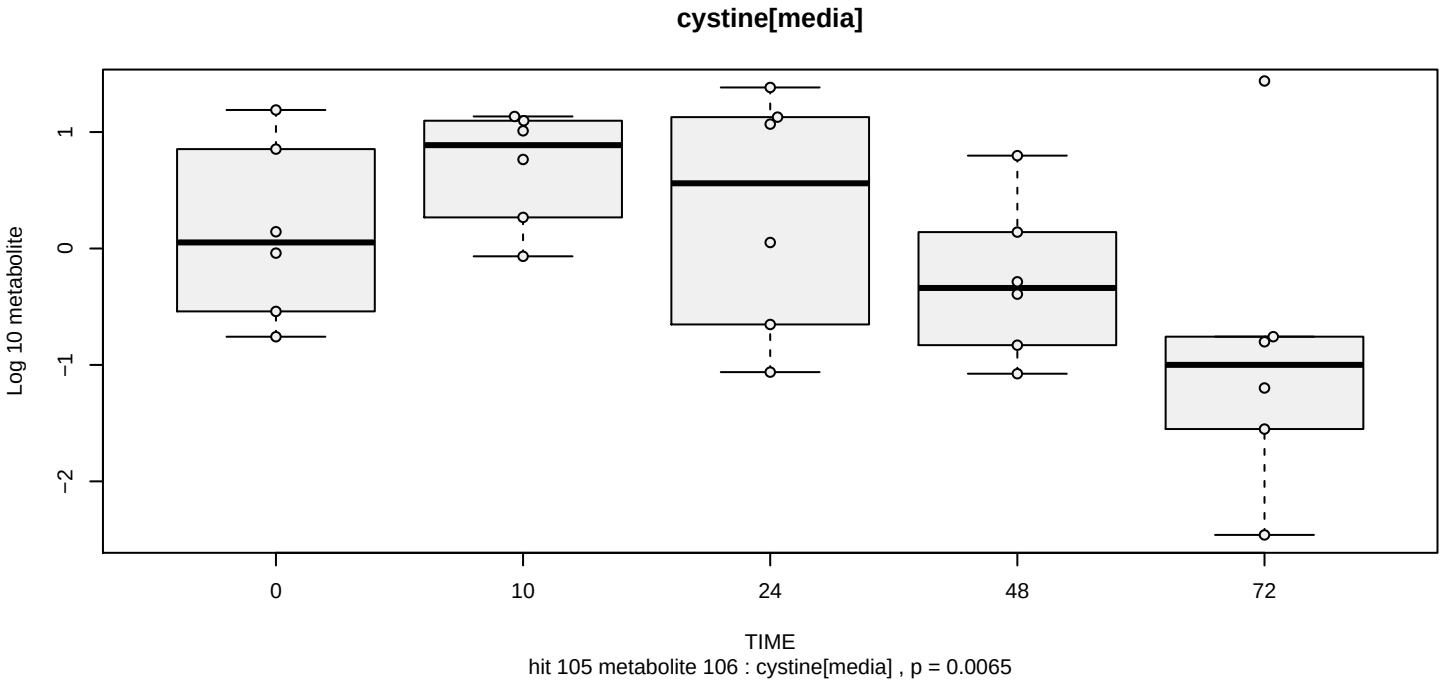
hit 102 metabolite 103 : cysteine[media] , p = 9.4e−09



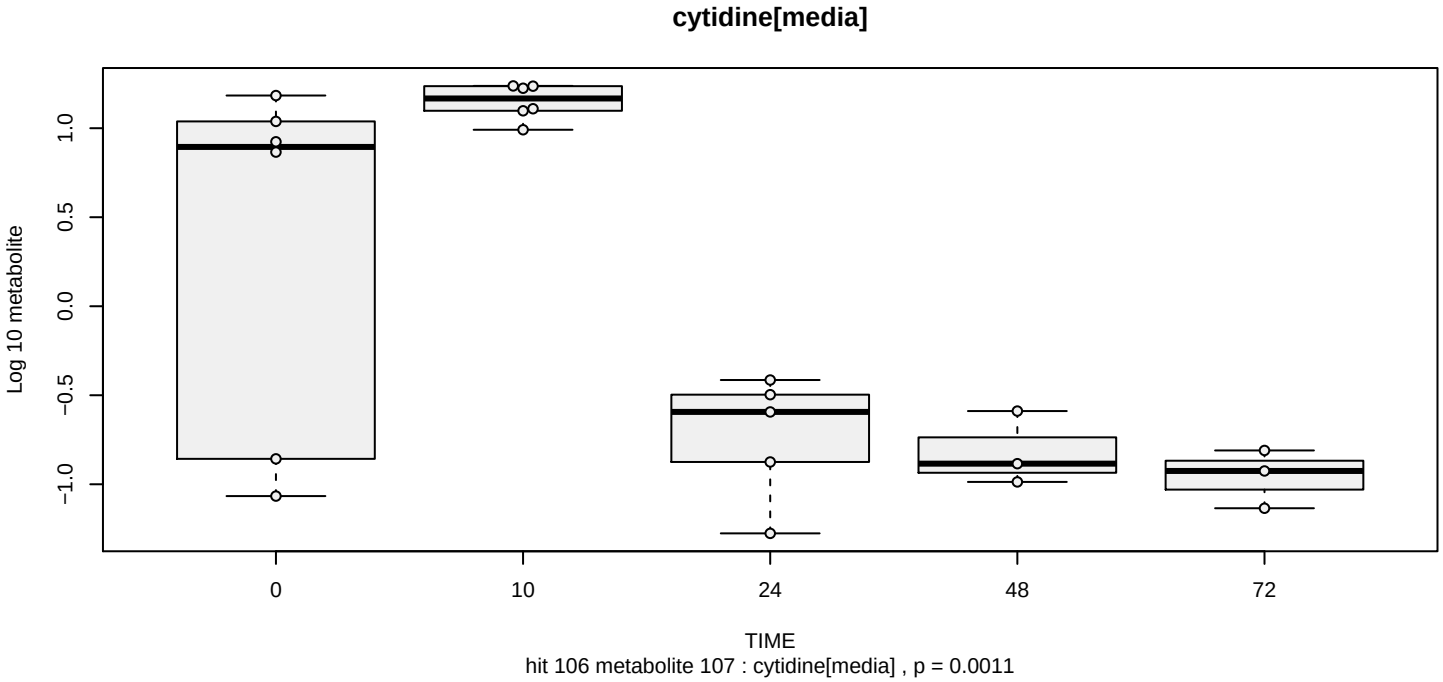
hit 103 metabolite 104 : cysteine s−sulfate[media] , p = 3.5e−06



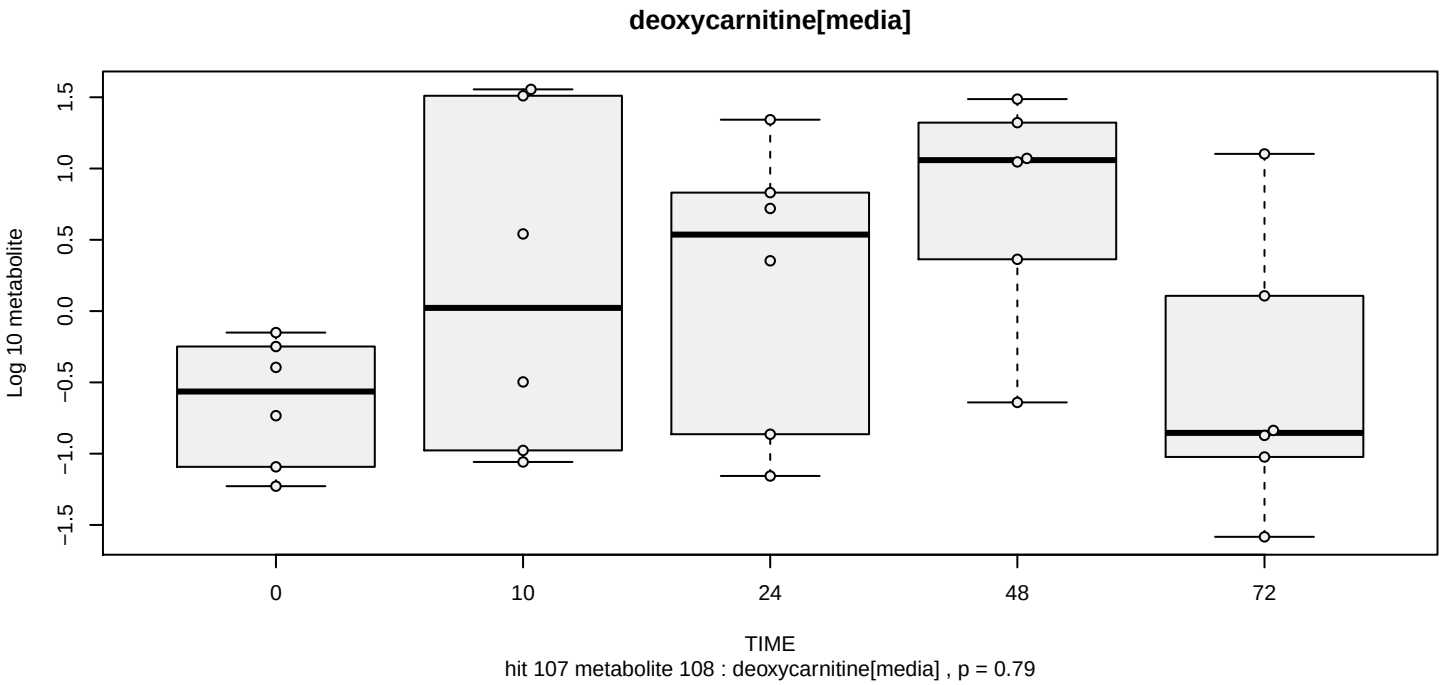
hit 104 metabolite 105 : cysteine−glutathione disulfide[media] , p = 0.013



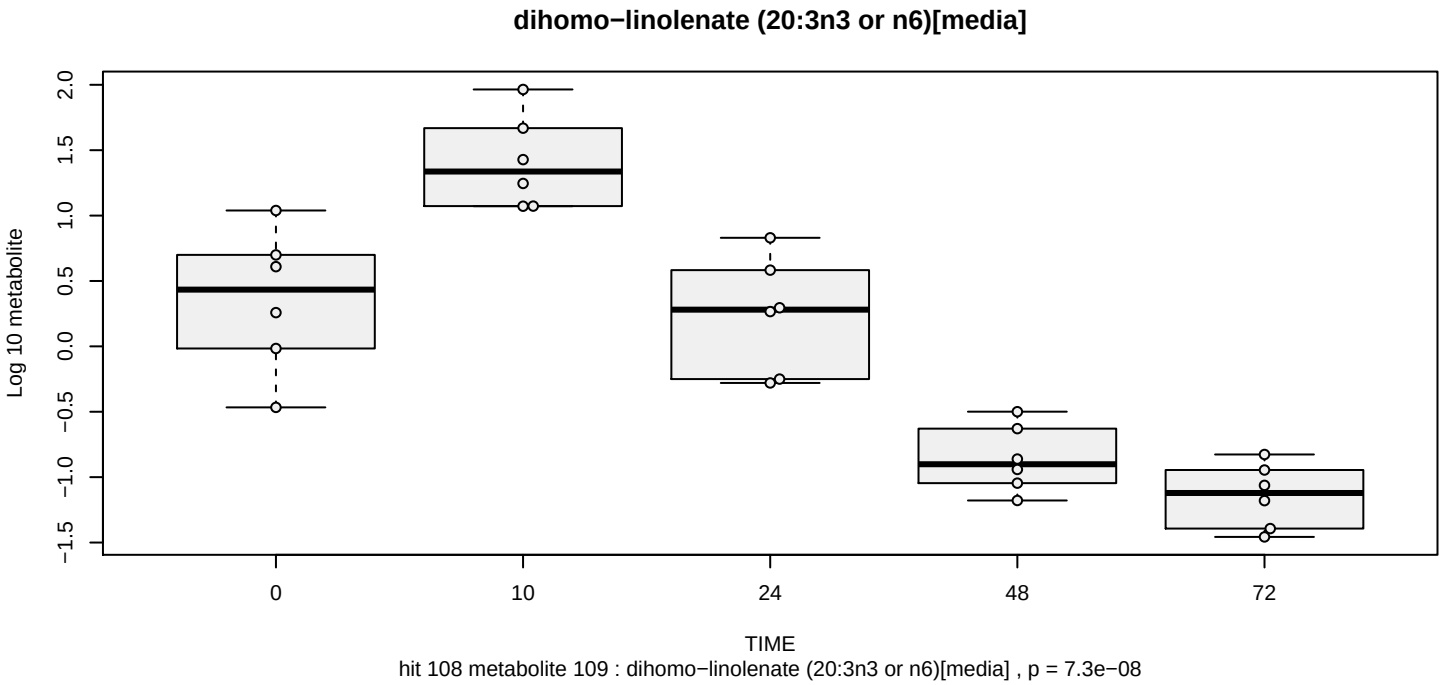
hit 105 metabolite 106 : cystine[media] , p = 0.0065



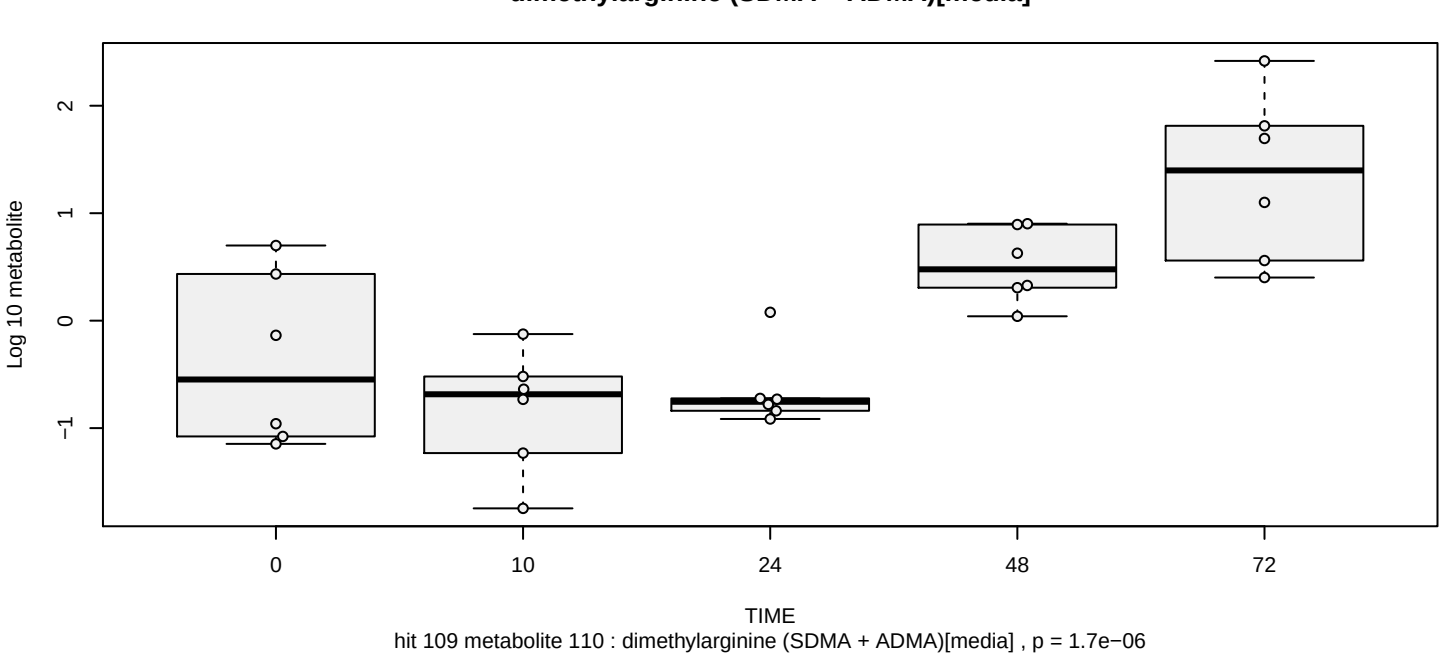
hit 106 metabolite 107 : cytidine[media] , p = 0.0011



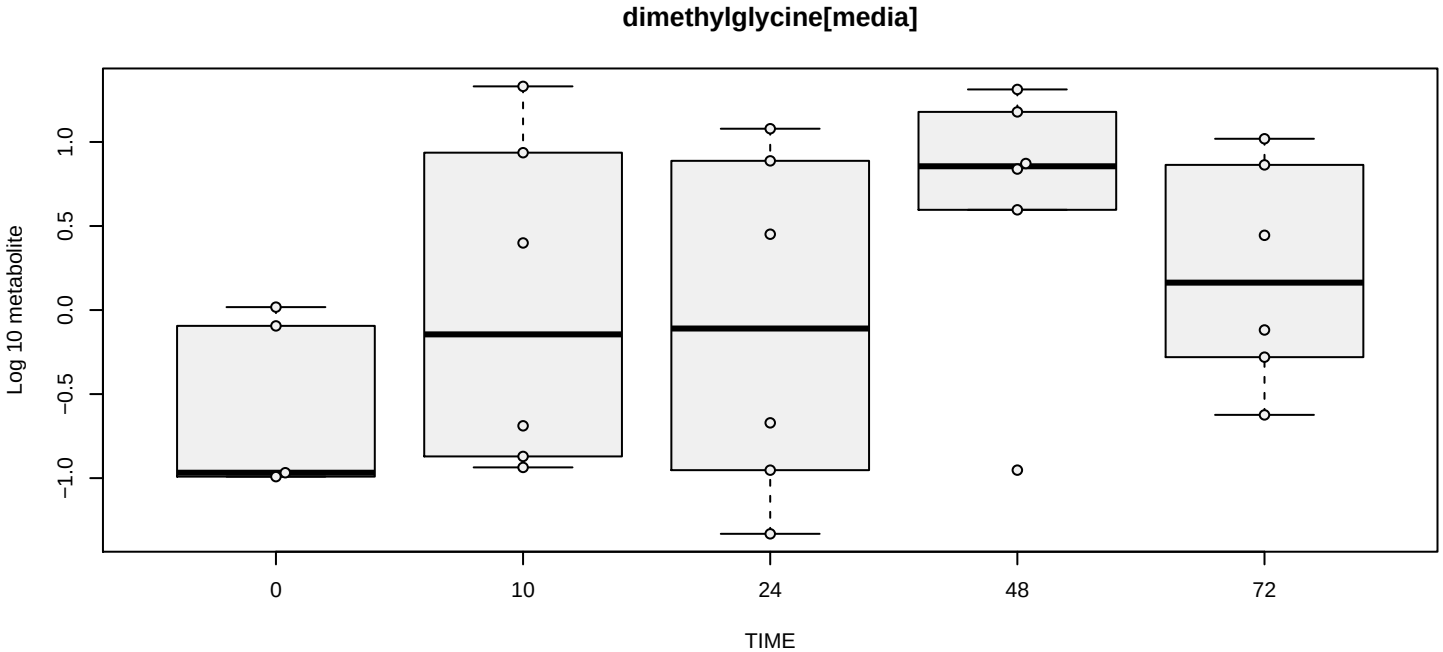
hit 107 metabolite 108 : deoxycarnitine[media] , p = 0.79



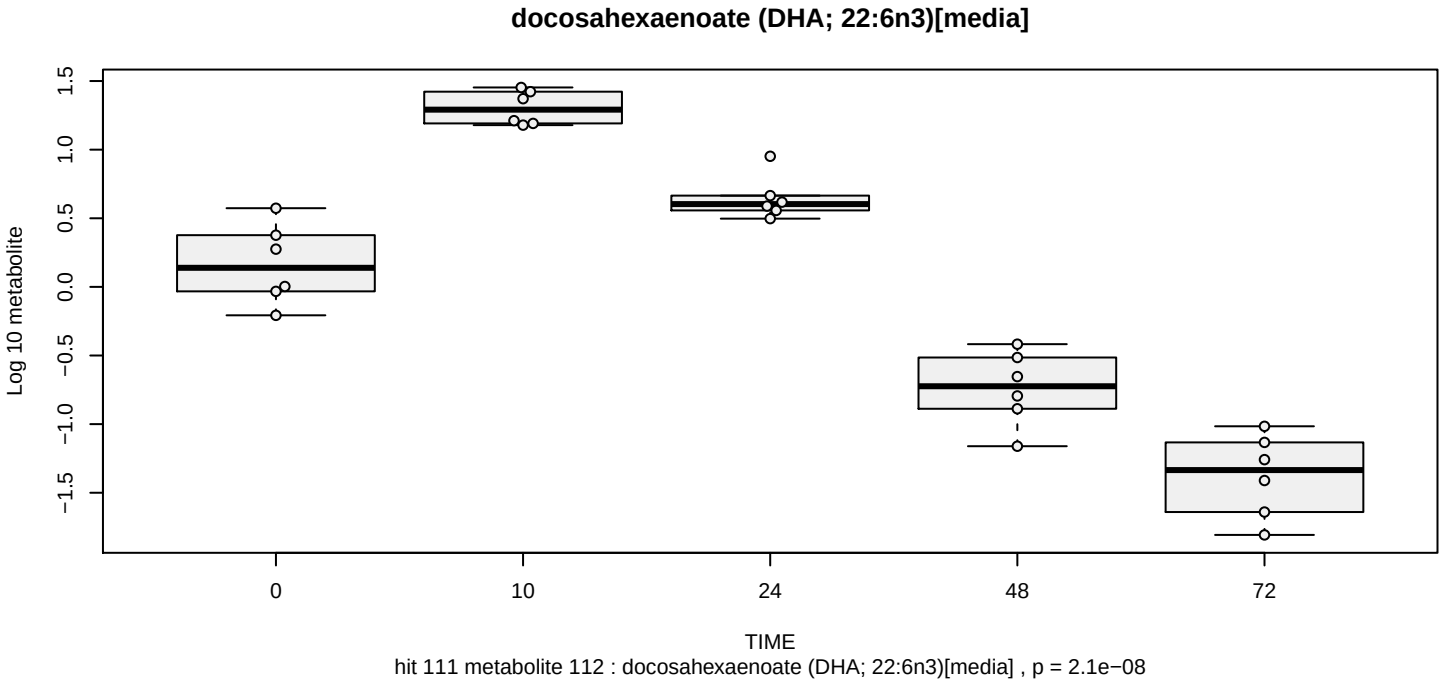
hit 108 metabolite 109 : dihomo−linolenate (20:3n3 or n6)[media] , p = 7.3e−08



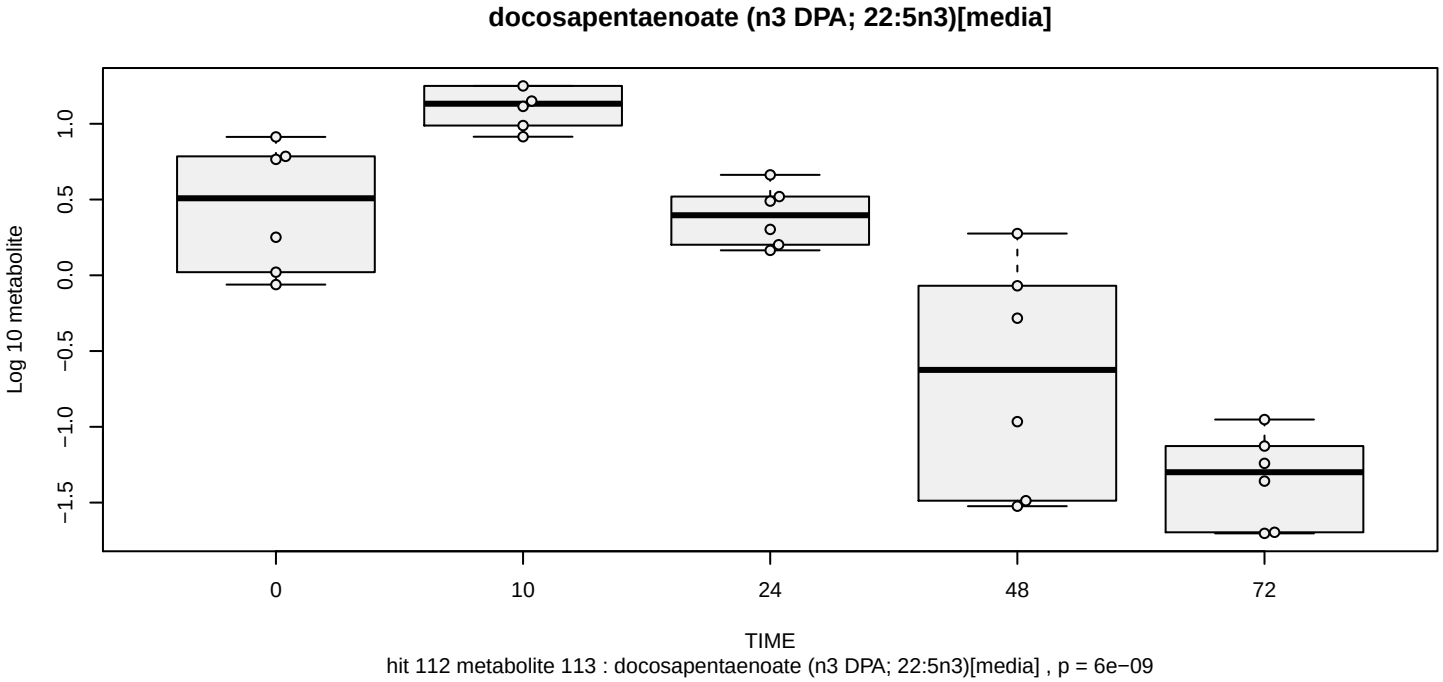
hit 109 metabolite 110 : dimethylarginine (SDMA + ADMA)[media] , p = 1.7e−06



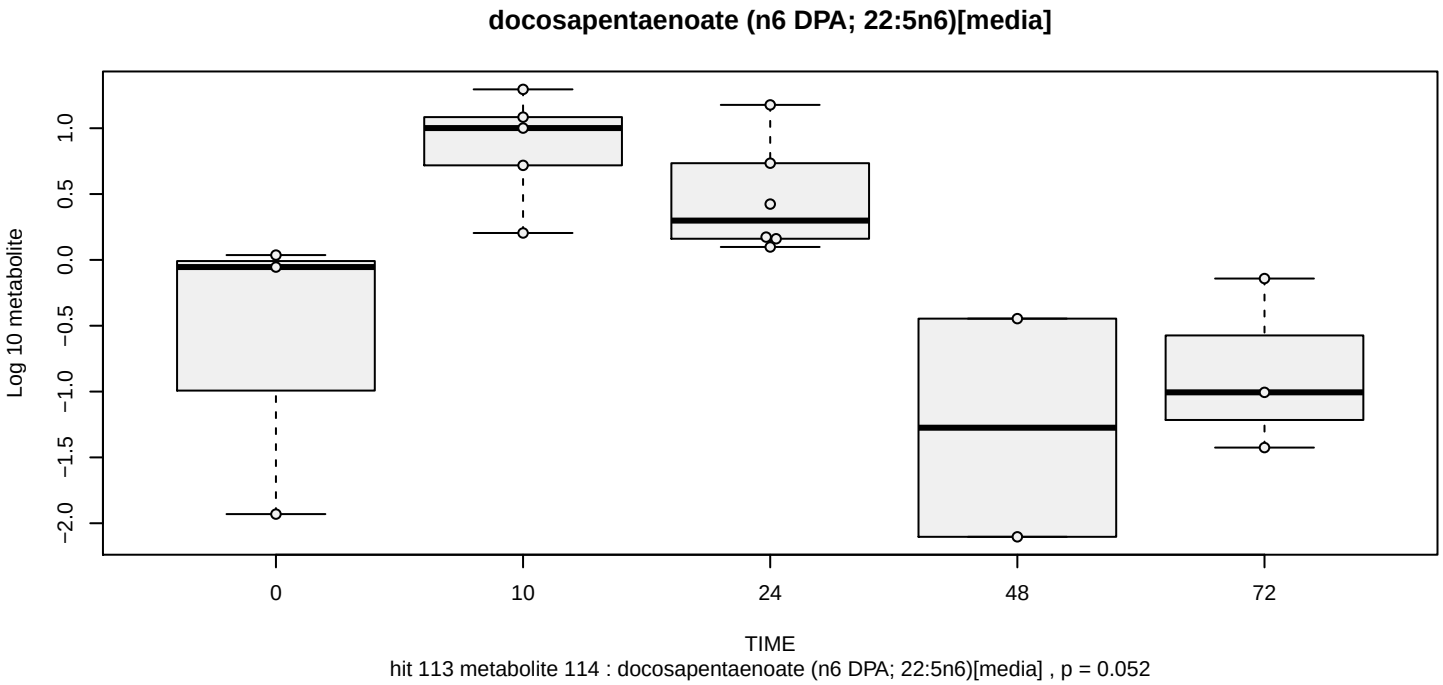
hit 110 metabolite 111 : dimethylglycine[media] , p = 0.054



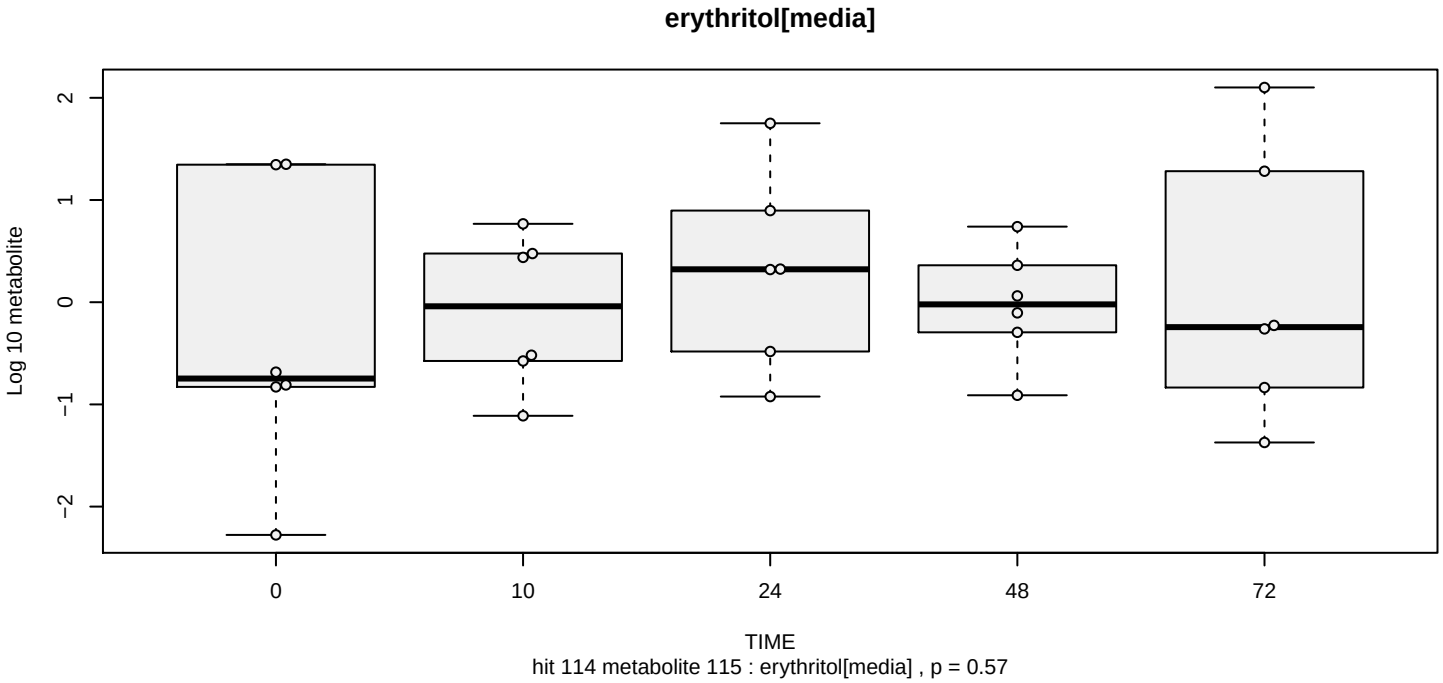
hit 111 metabolite 112 : docosahexaenoate (DHA; 22:6n3)[media] , p = 2.1e−08



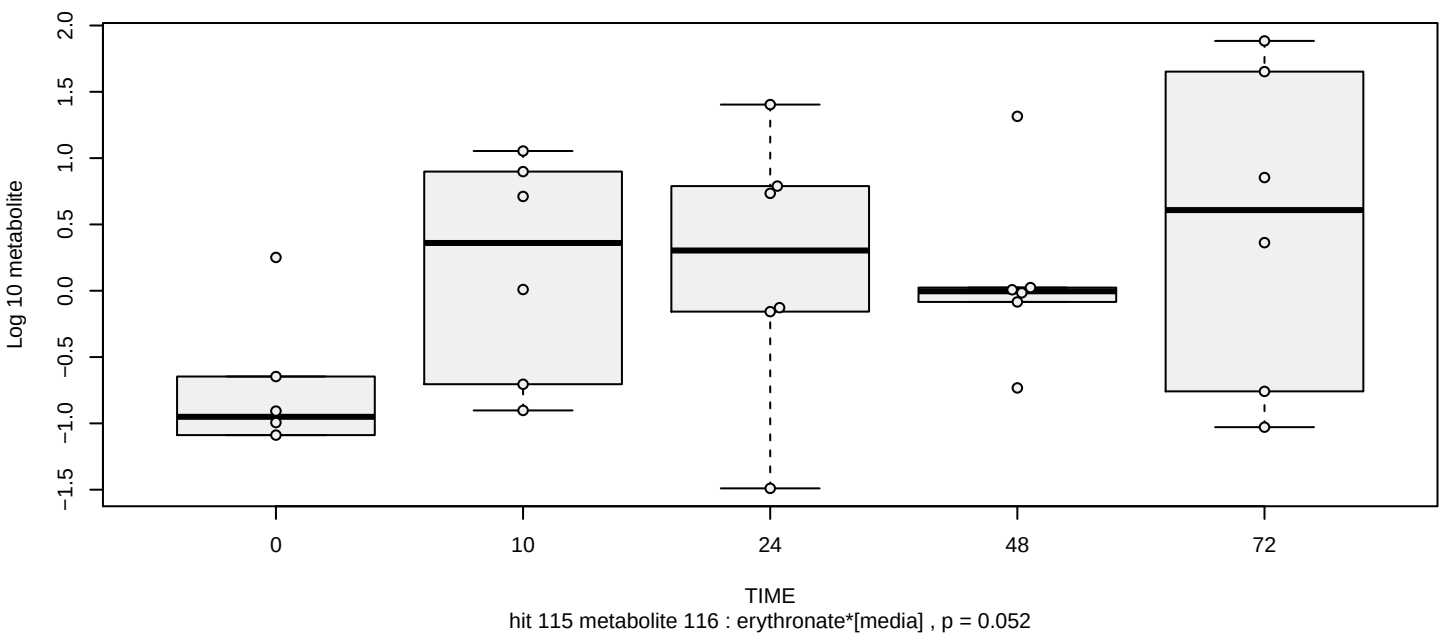
hit 112 metabolite 113 : docosapentaenoate (n3 DPA; 22:5n3)[media] , p = 6e−09



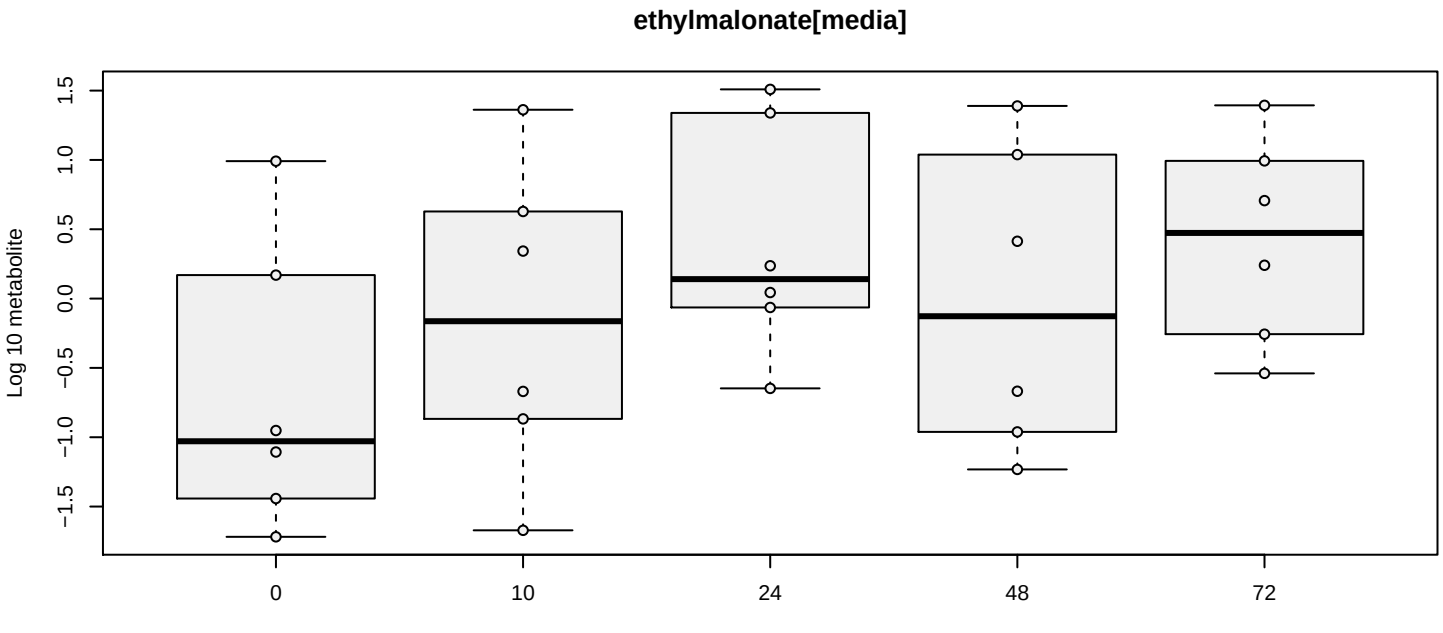
hit 113 metabolite 114 : docosapentaenoate (n6 DPA; 22:5n6)[media] , p = 0.052



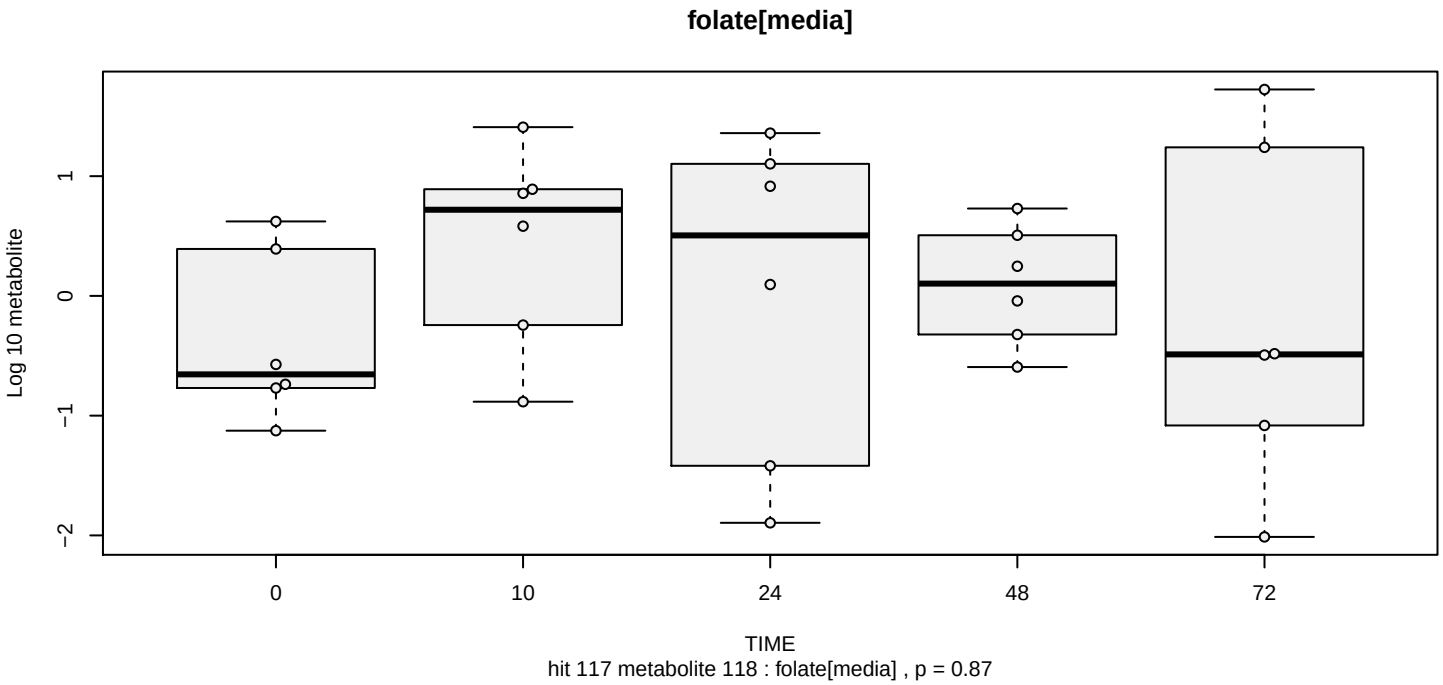
hit 114 metabolite 115 : erythritol[media] , p = 0.57



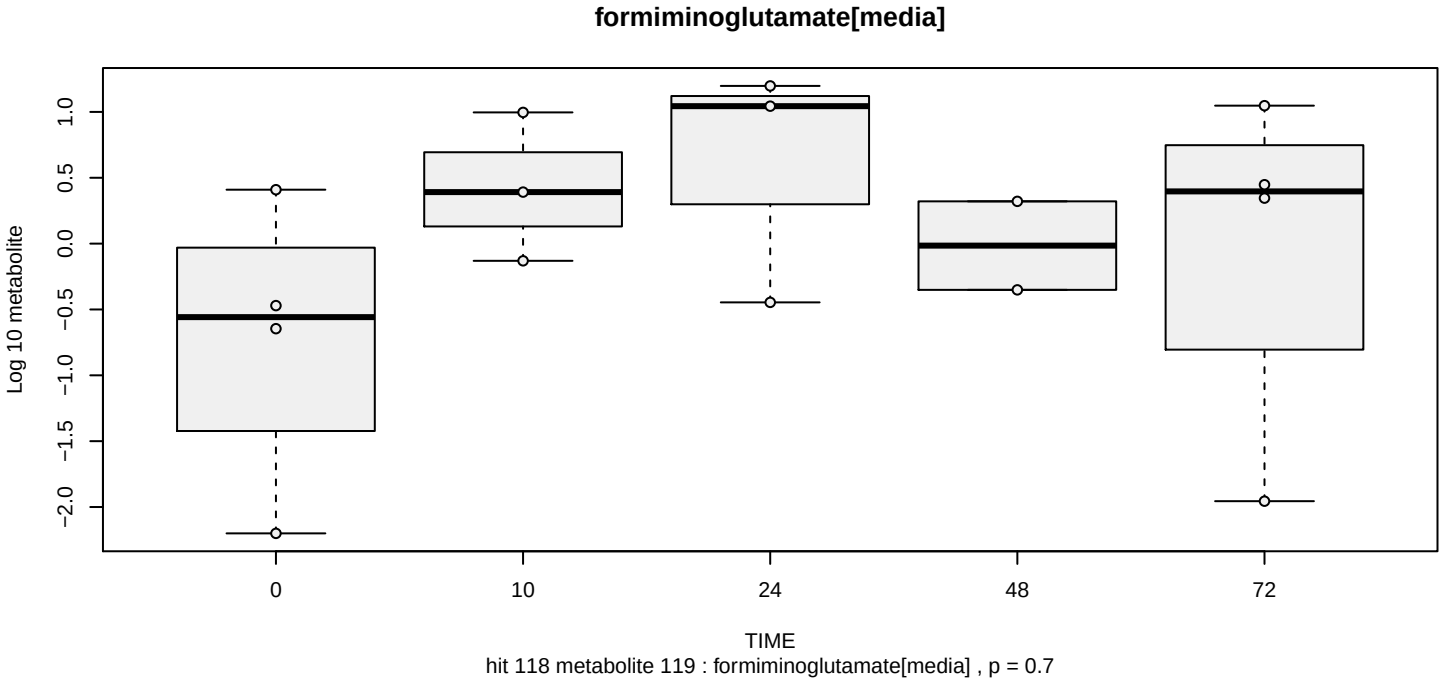
hit 115 metabolite 116 : erythronate*[media] , p = 0.052



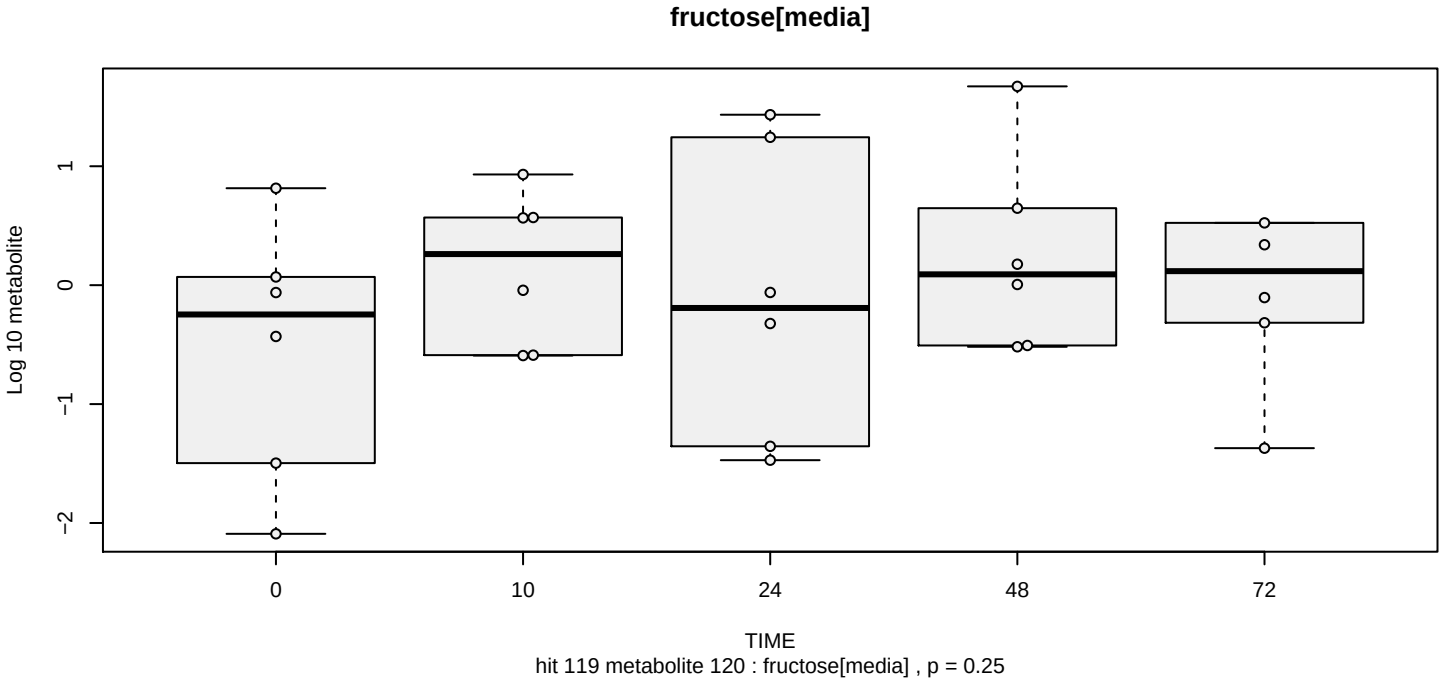
hit 116 metabolite 117 : ethylmalonate[media] , p = 0.11



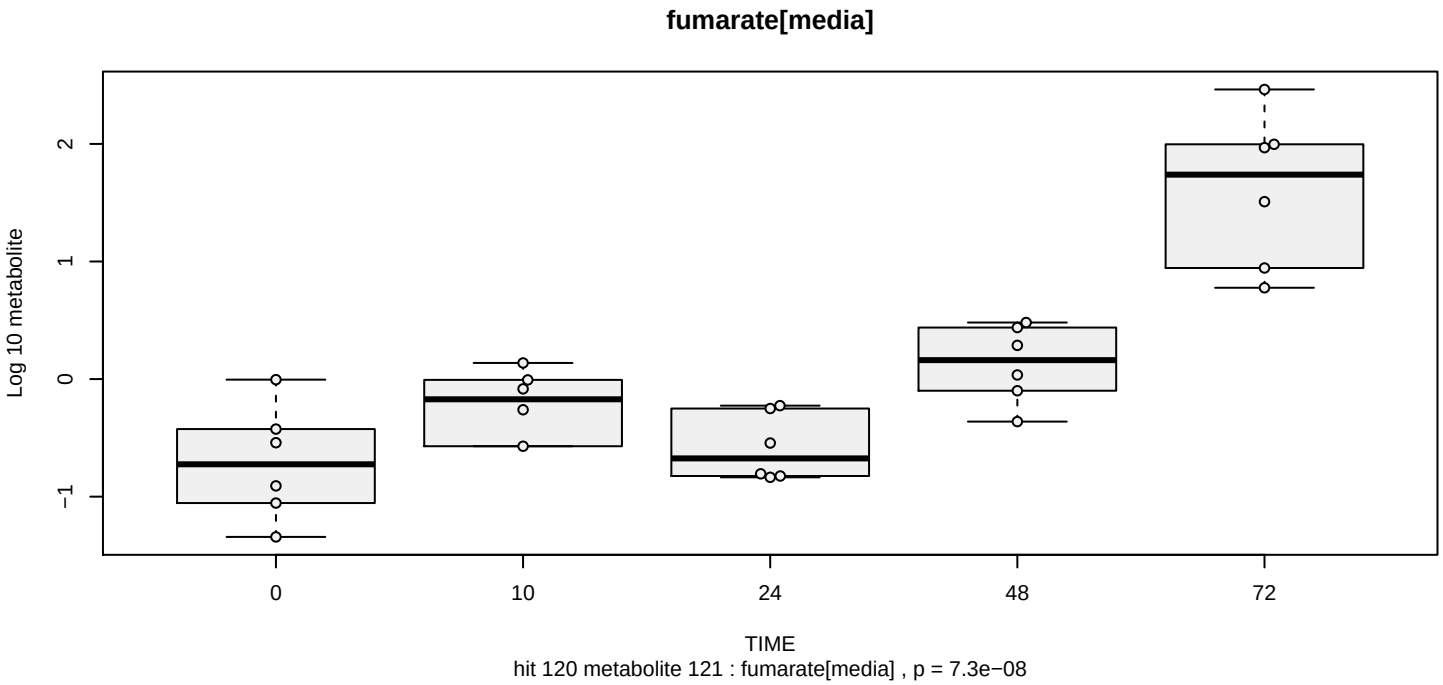
hit 117 metabolite 118 : folate[media] , p = 0.87



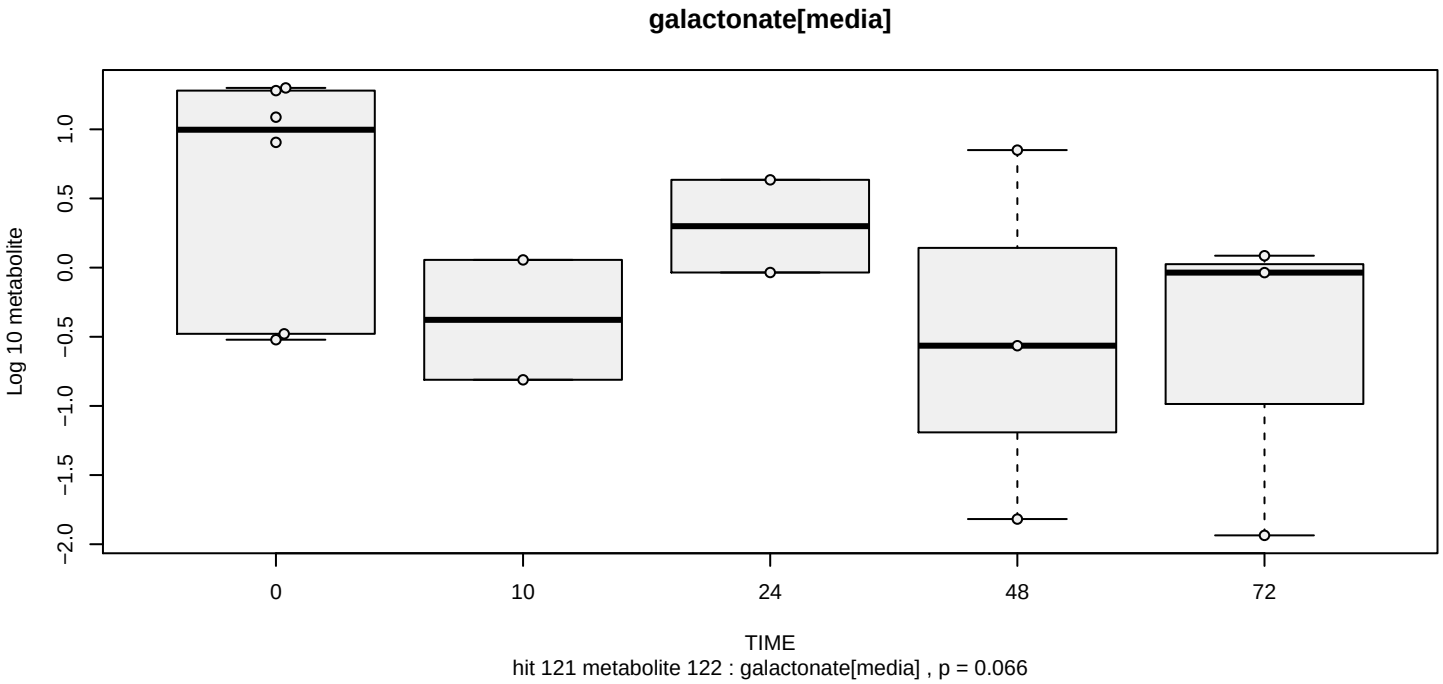
hit 118 metabolite 119 : formiminoglutamate[media] , p = 0.7



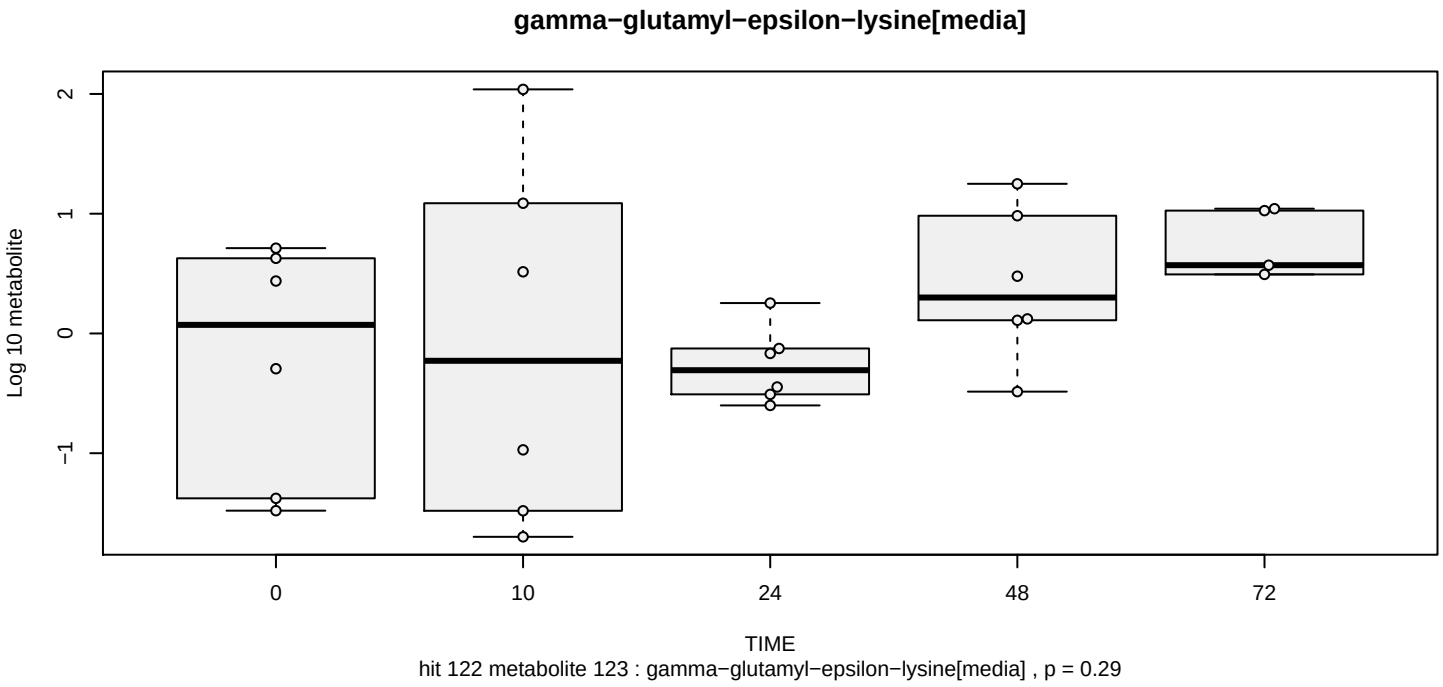
hit 119 metabolite 120 : fructose[media] , p = 0.25



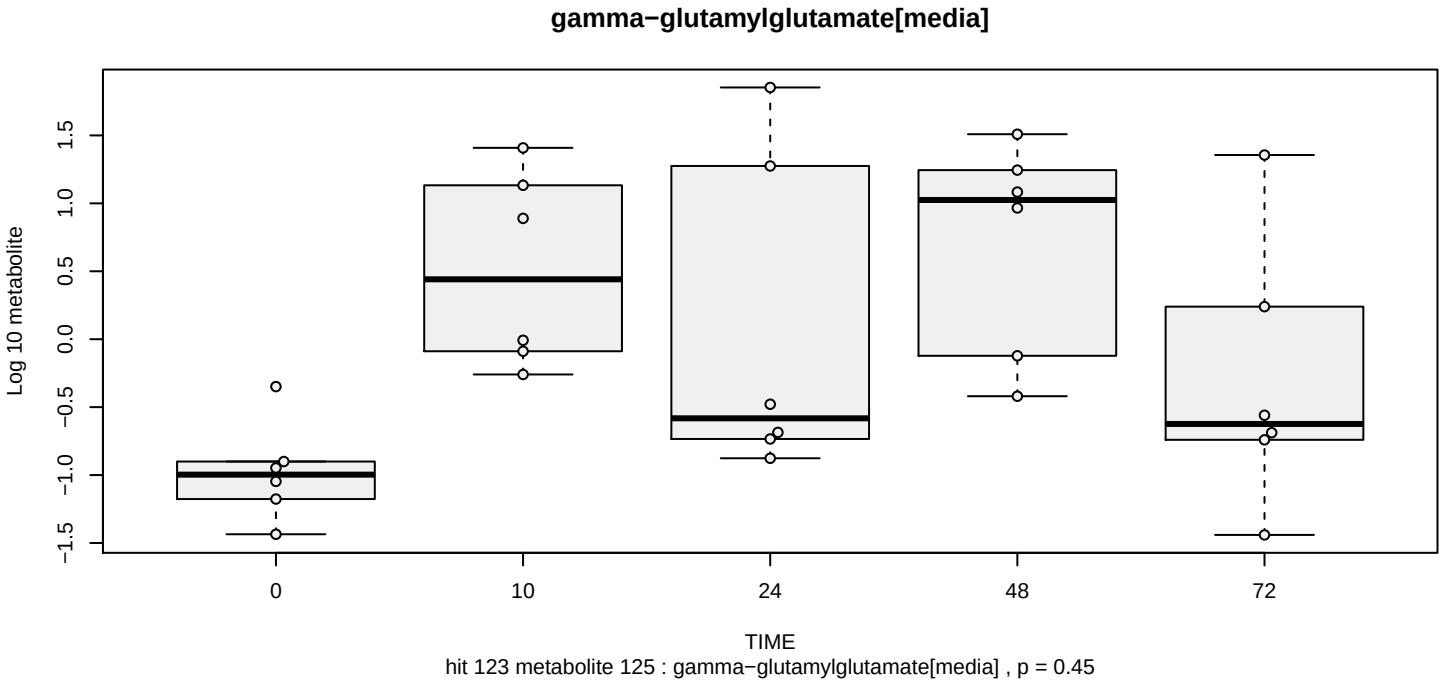
hit 120 metabolite 121 : fumarate[media] , p = 7.3e−08



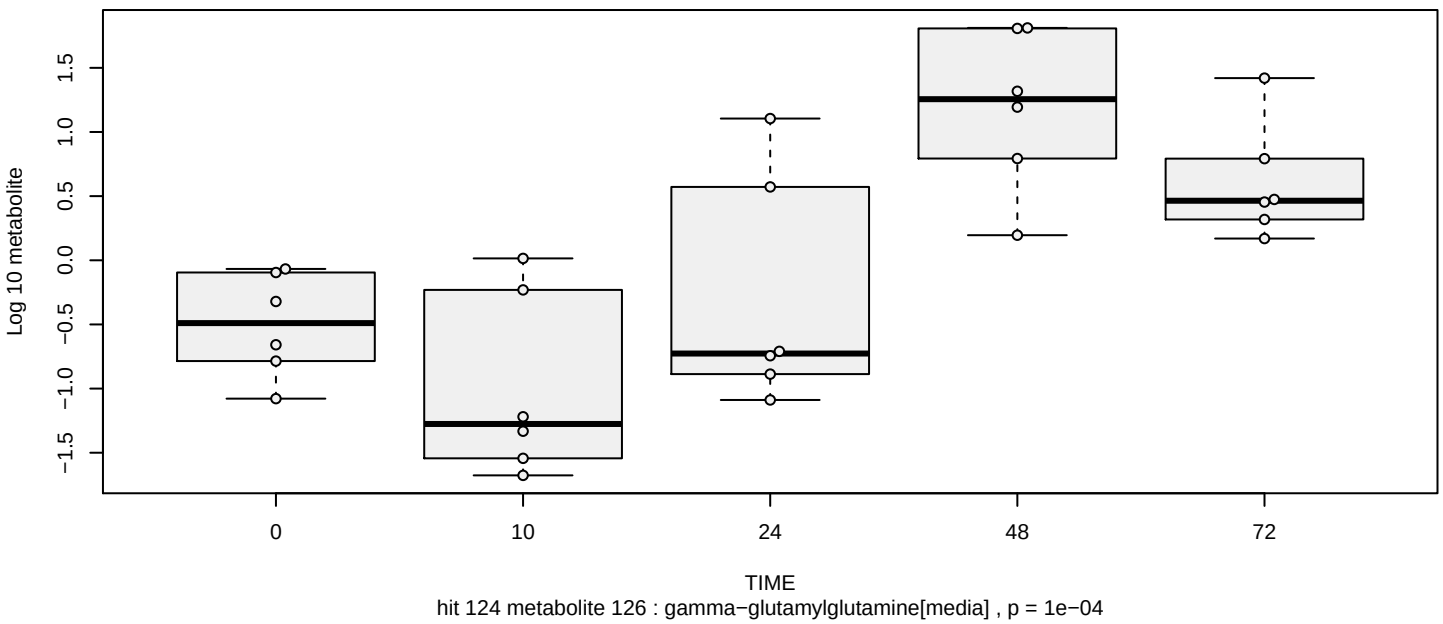
hit 121 metabolite 122 : galactonate[media] , p = 0.066



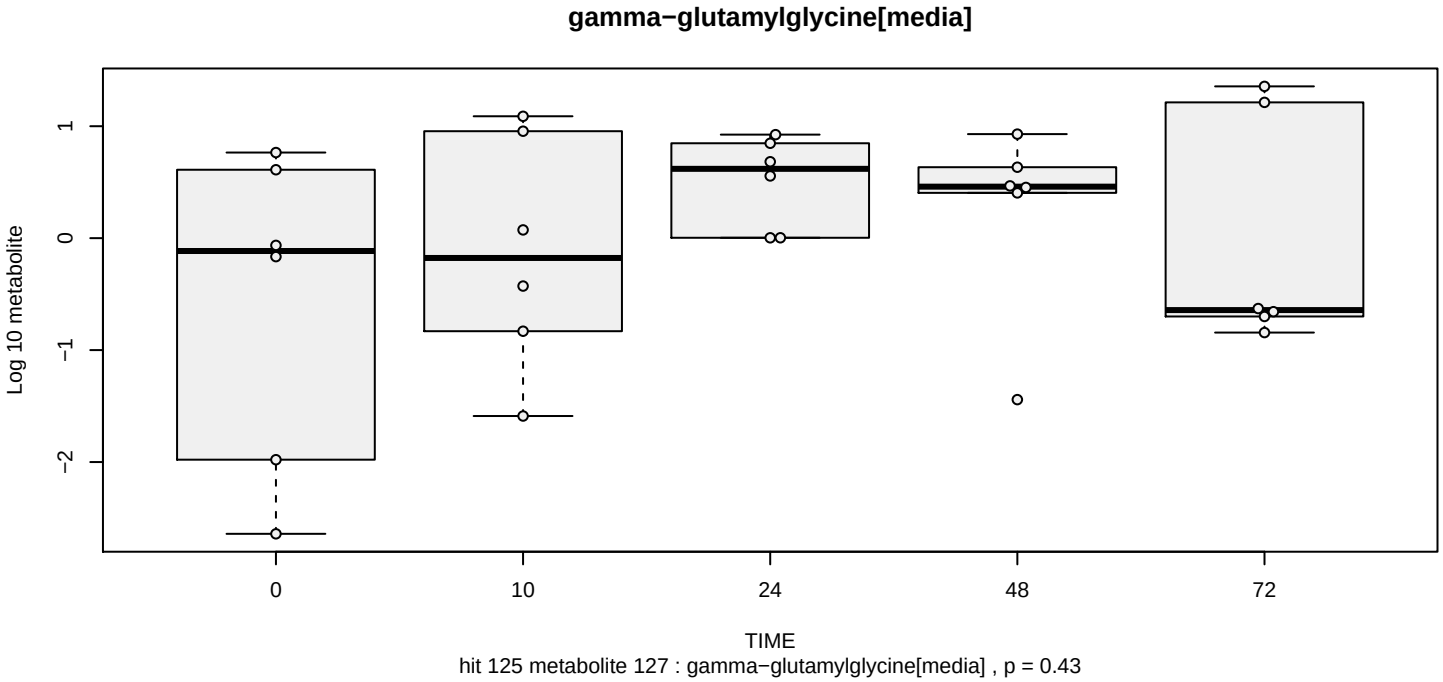
hit 122 metabolite 123 : gamma−glutamyl−epsilon−lysine[media] , p = 0.29



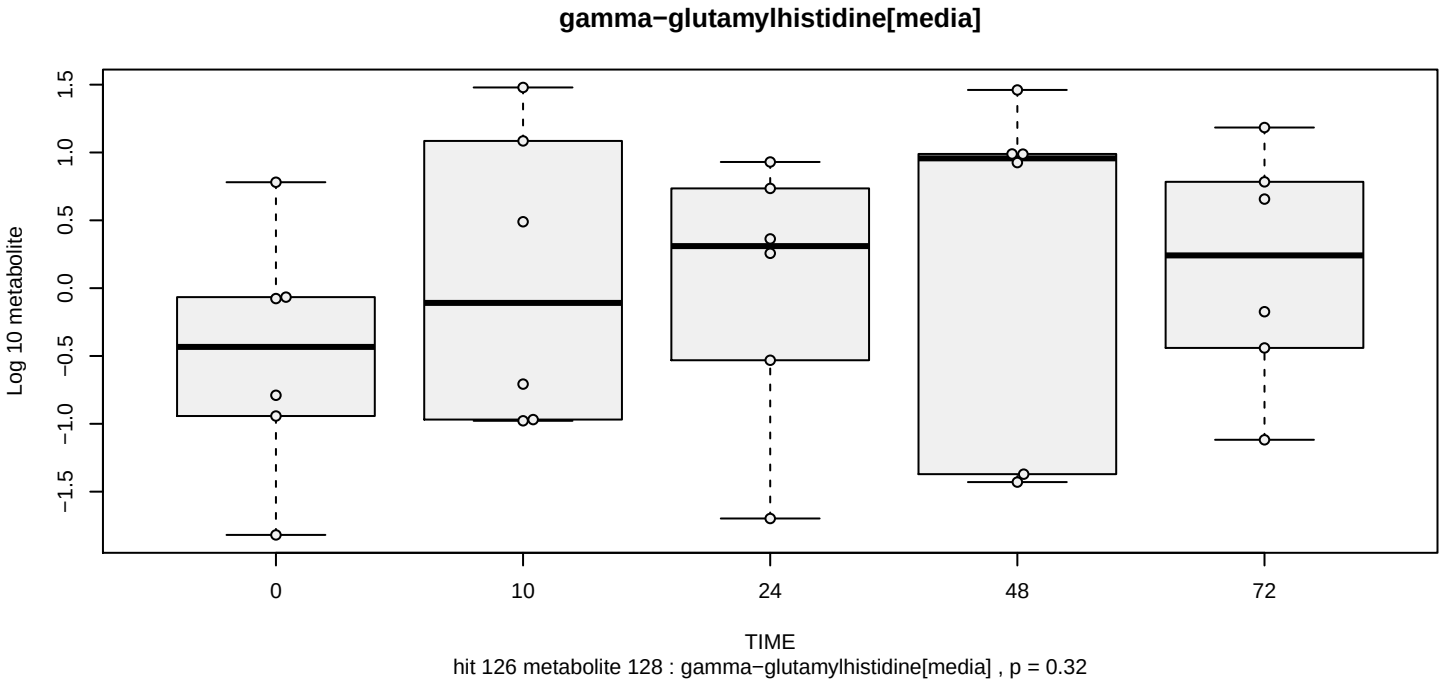
hit 123 metabolite 125 : gamma−glutamylglutamate[media] , p = 0.45



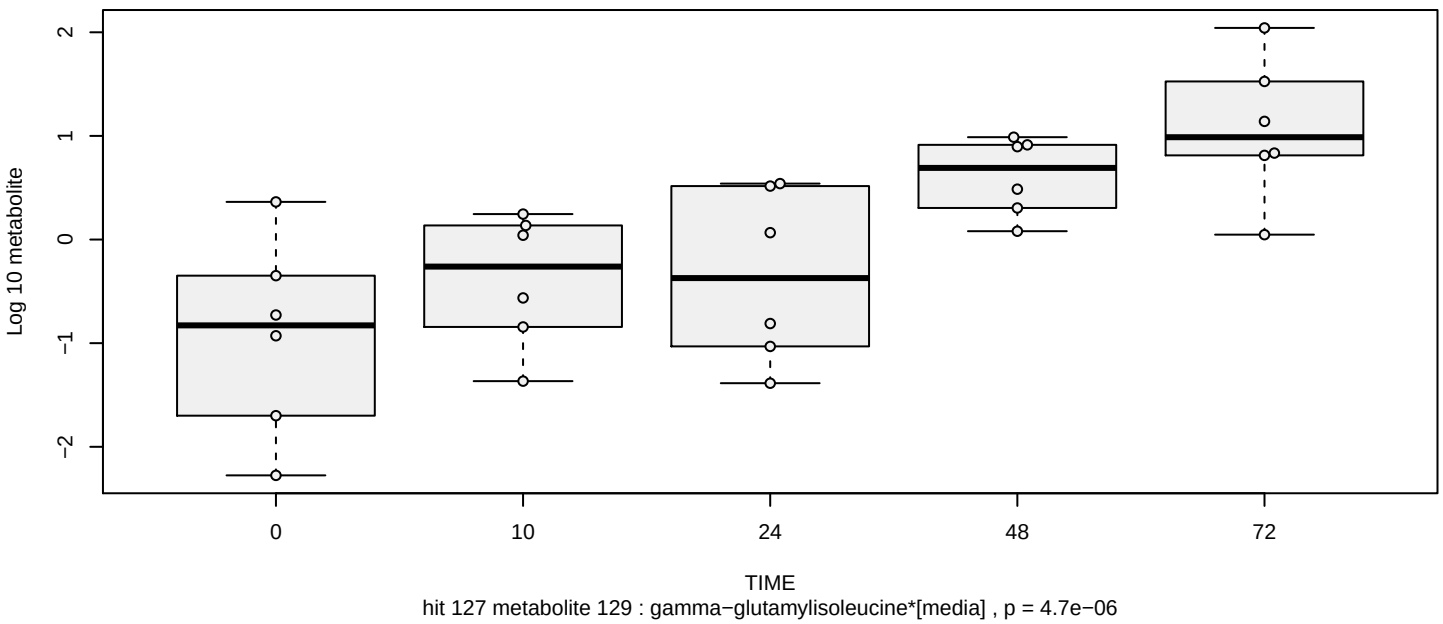
hit 124 metabolite 126 : gamma−glutamylglutamine[media] , p = 1e−04



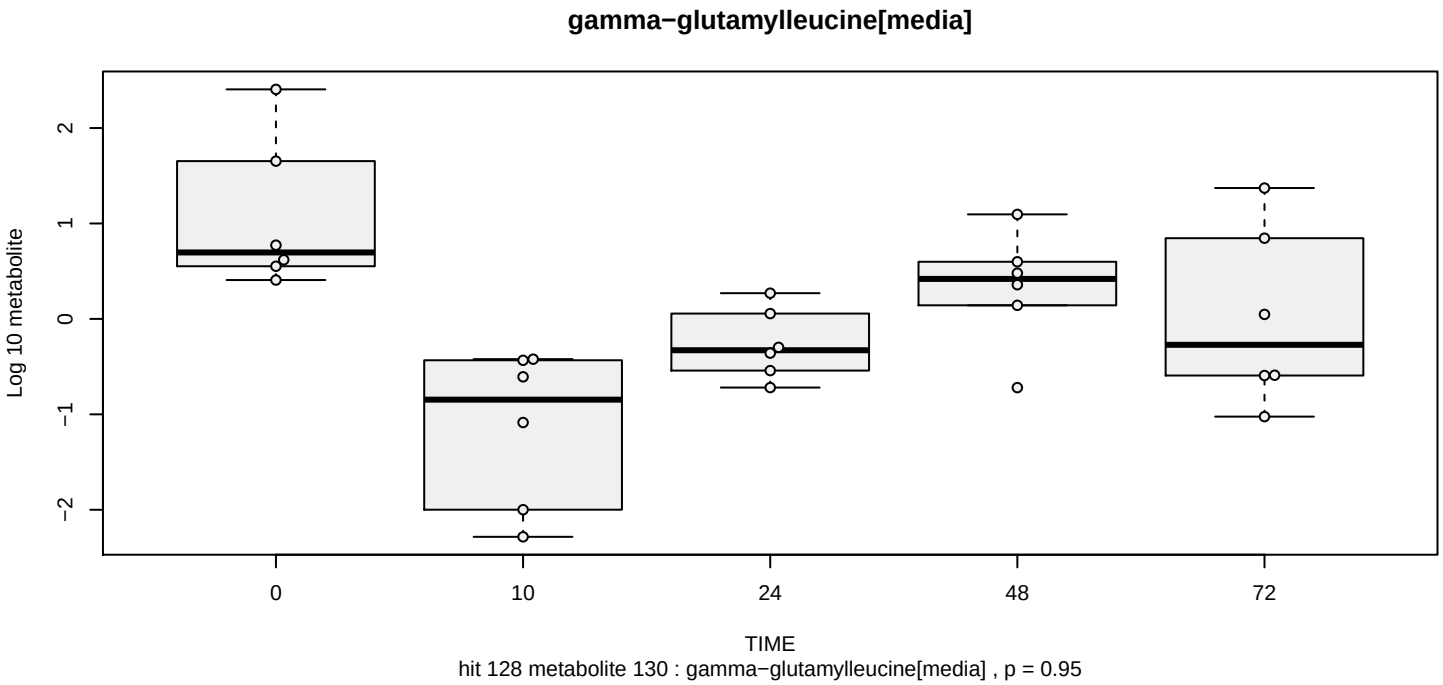
hit 125 metabolite 127 : gamma−glutamylglycine[media] , p = 0.43



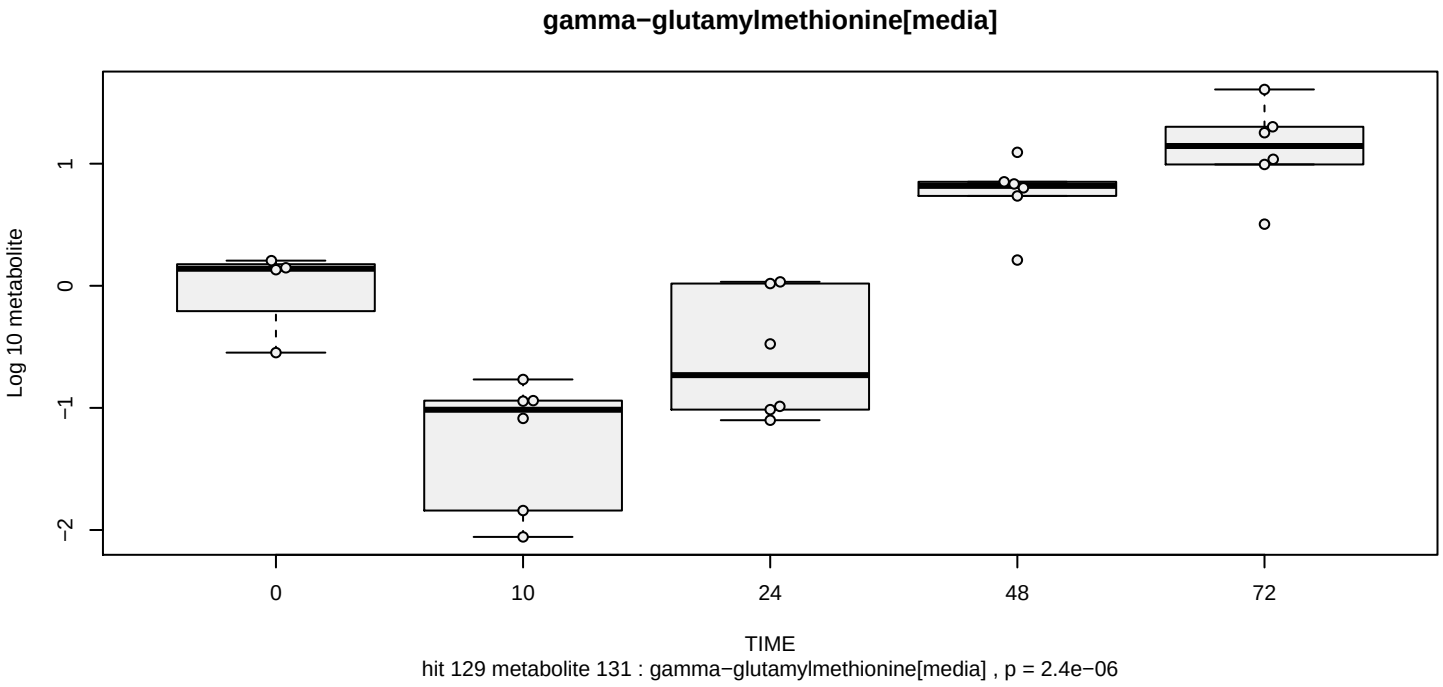
hit 126 metabolite 128 : gamma−glutamylhistidine[media] , p = 0.32



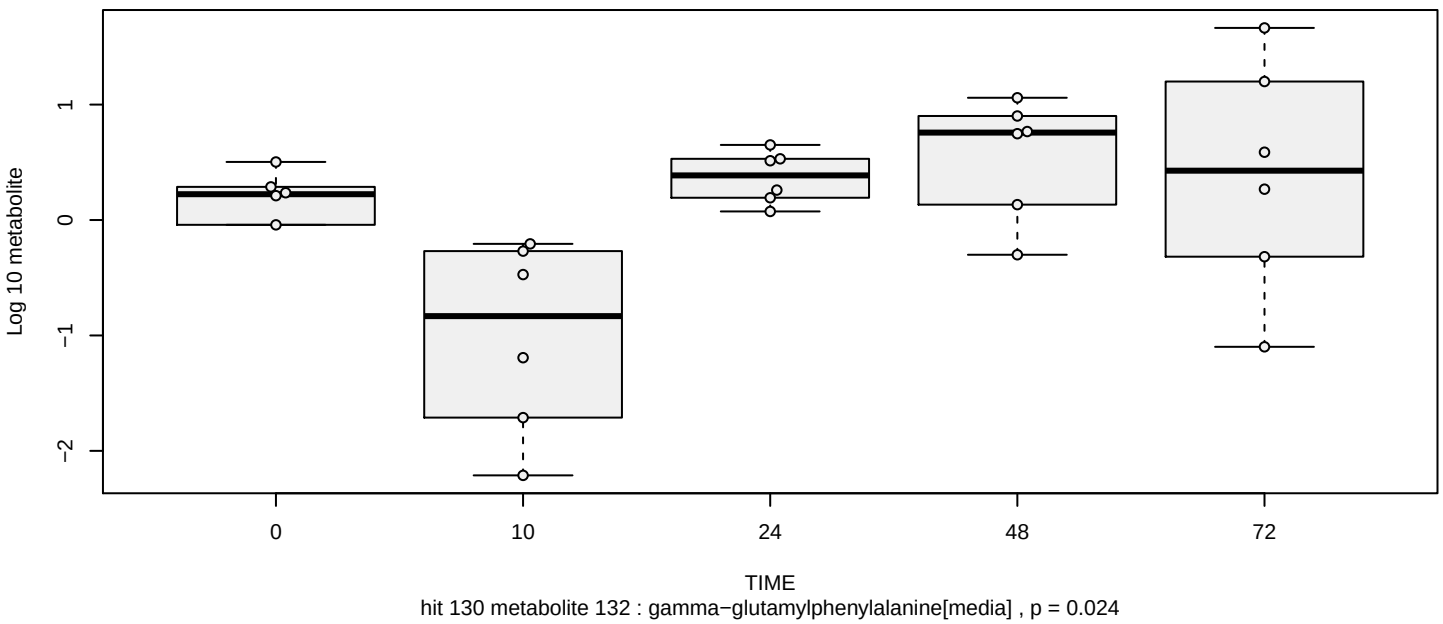
hit 127 metabolite 129 : gamma−glutamylisoleucine*[media] , p = 4.7e−06



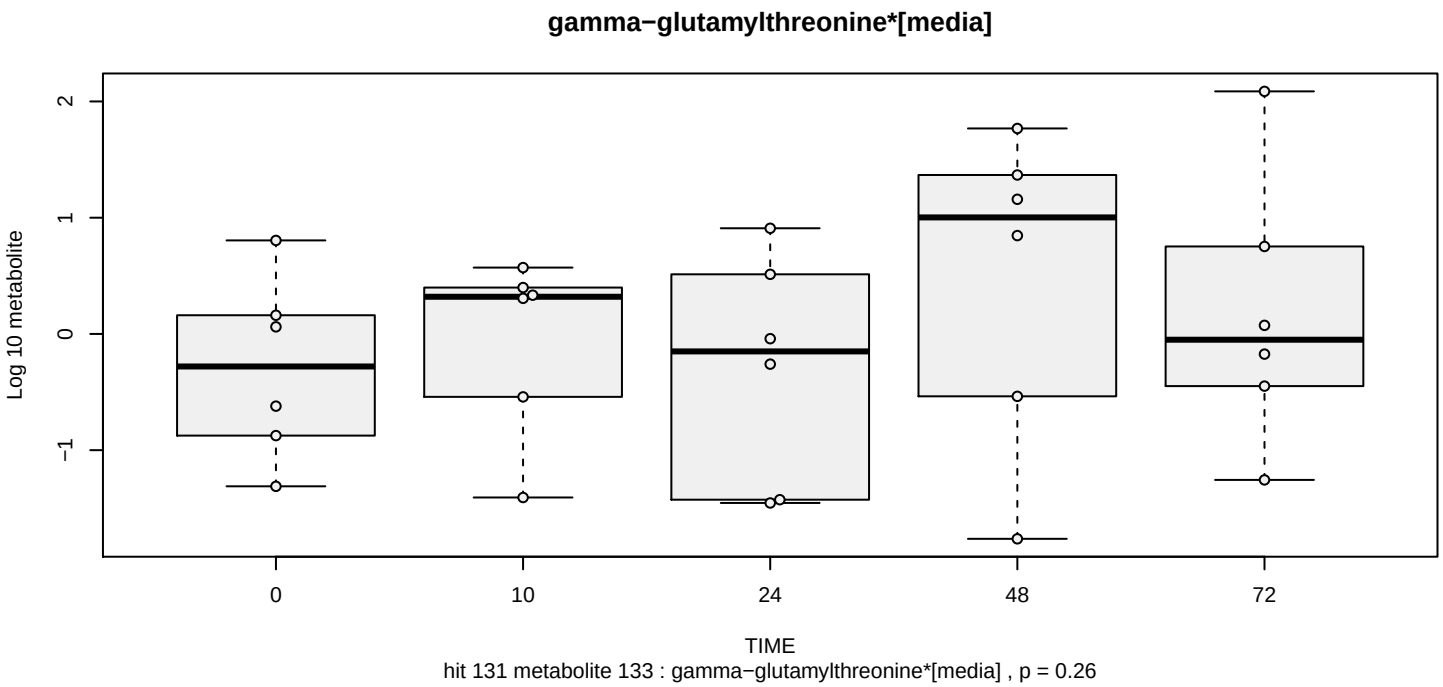
hit 128 metabolite 130 : gamma−glutamylleucine[media] , p = 0.95



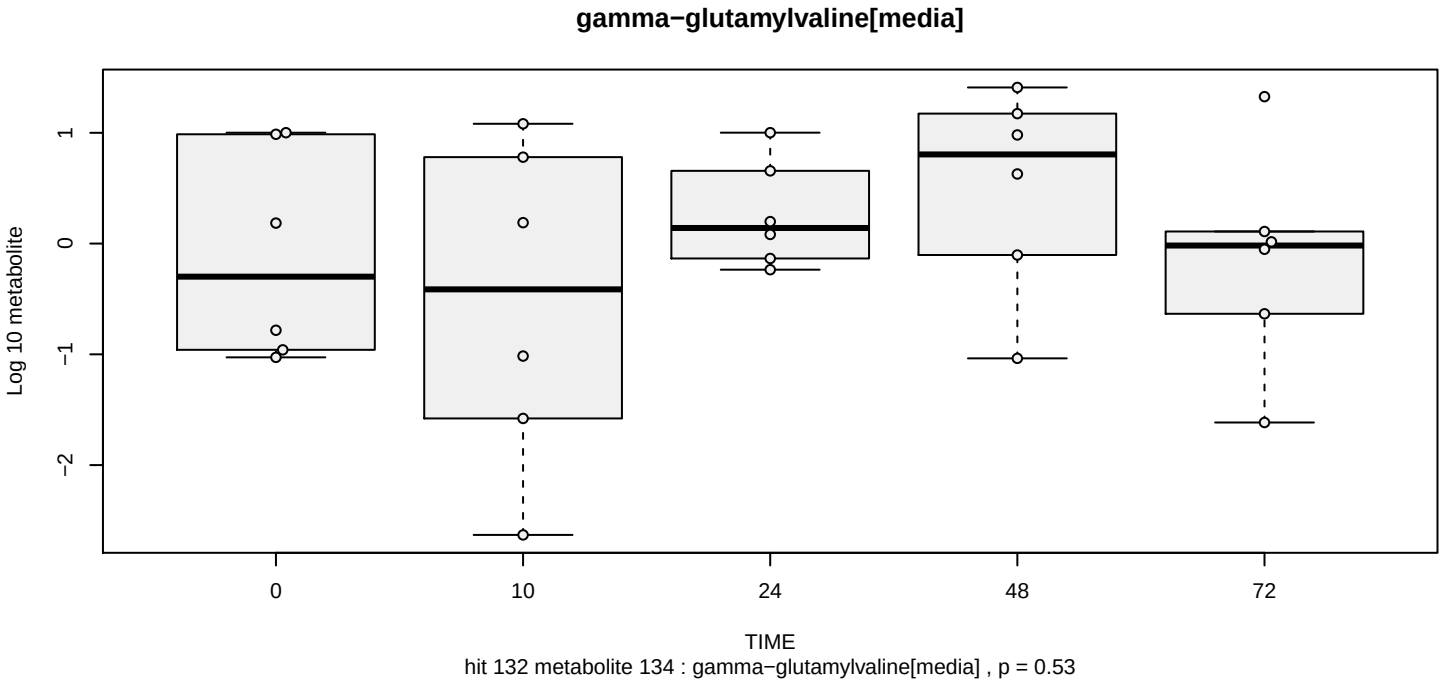
hit 129 metabolite 131 : gamma−glutamylmethionine[media] , p = 2.4e−06



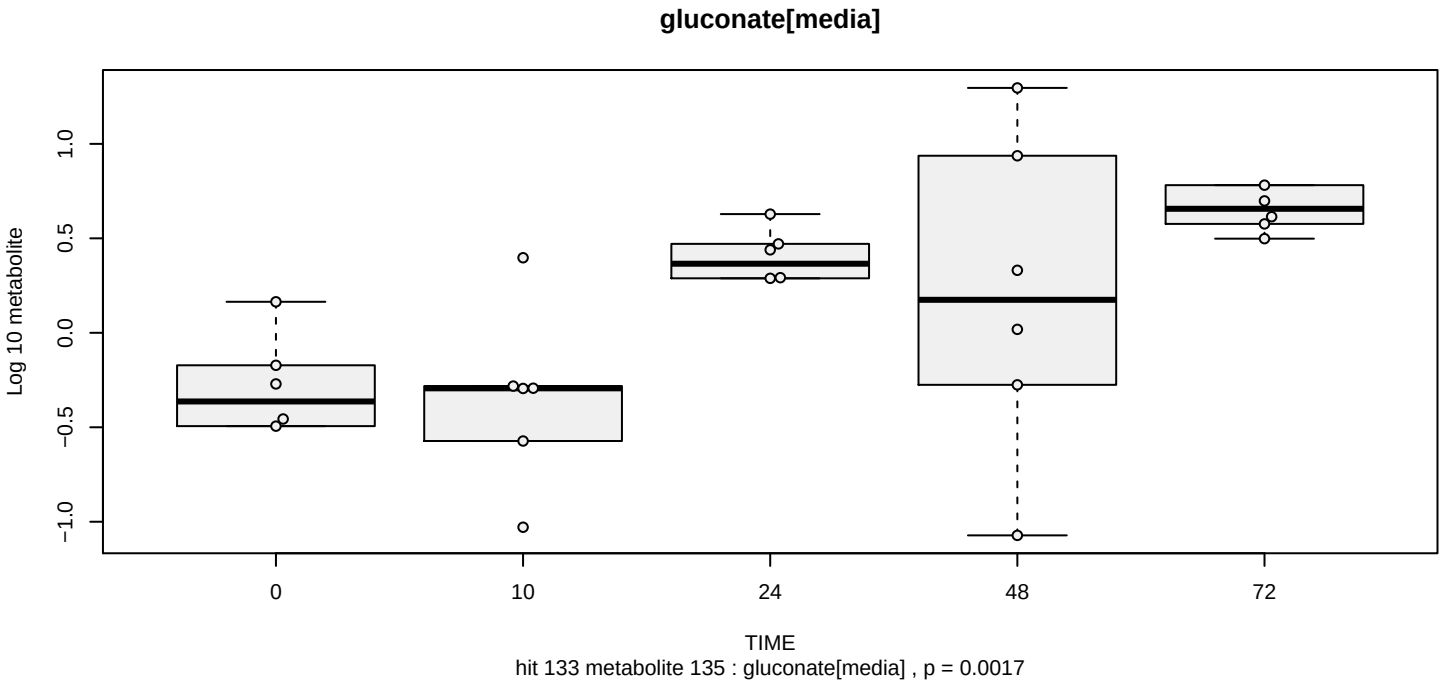
hit 130 metabolite 132 : gamma−glutamylphenylalanine[media] , p = 0.024



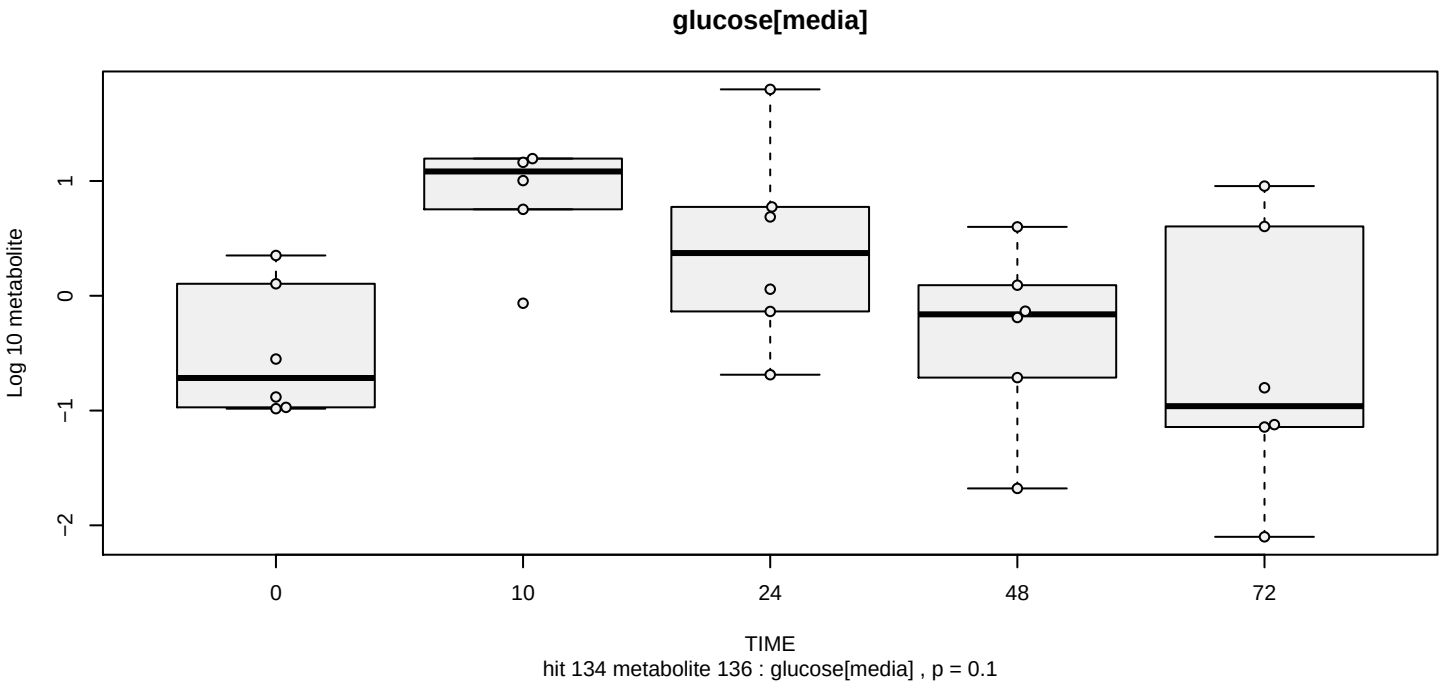
hit 131 metabolite 133 : gamma−glutamylthreonine*[media] , p = 0.26



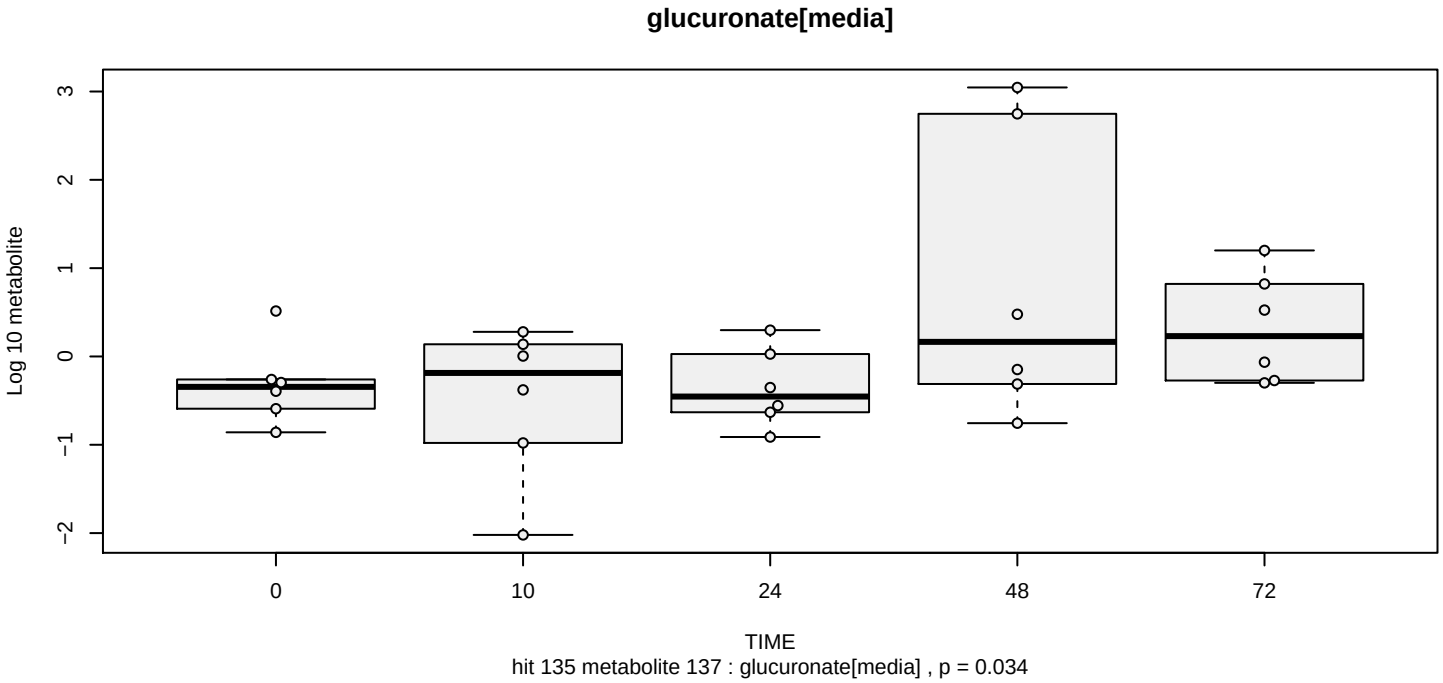
hit 132 metabolite 134 : gamma−glutamylvaline[media] , p = 0.53



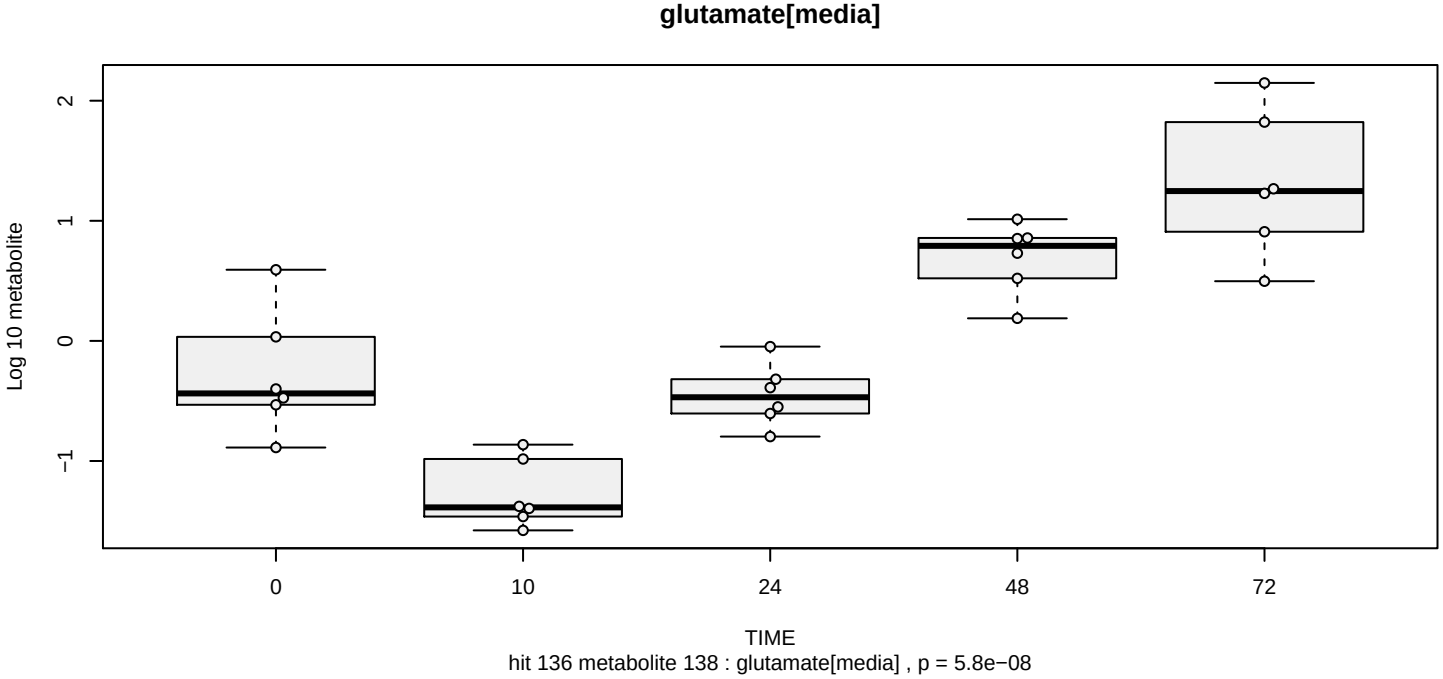
hit 133 metabolite 135 : gluconate[media] , p = 0.0017



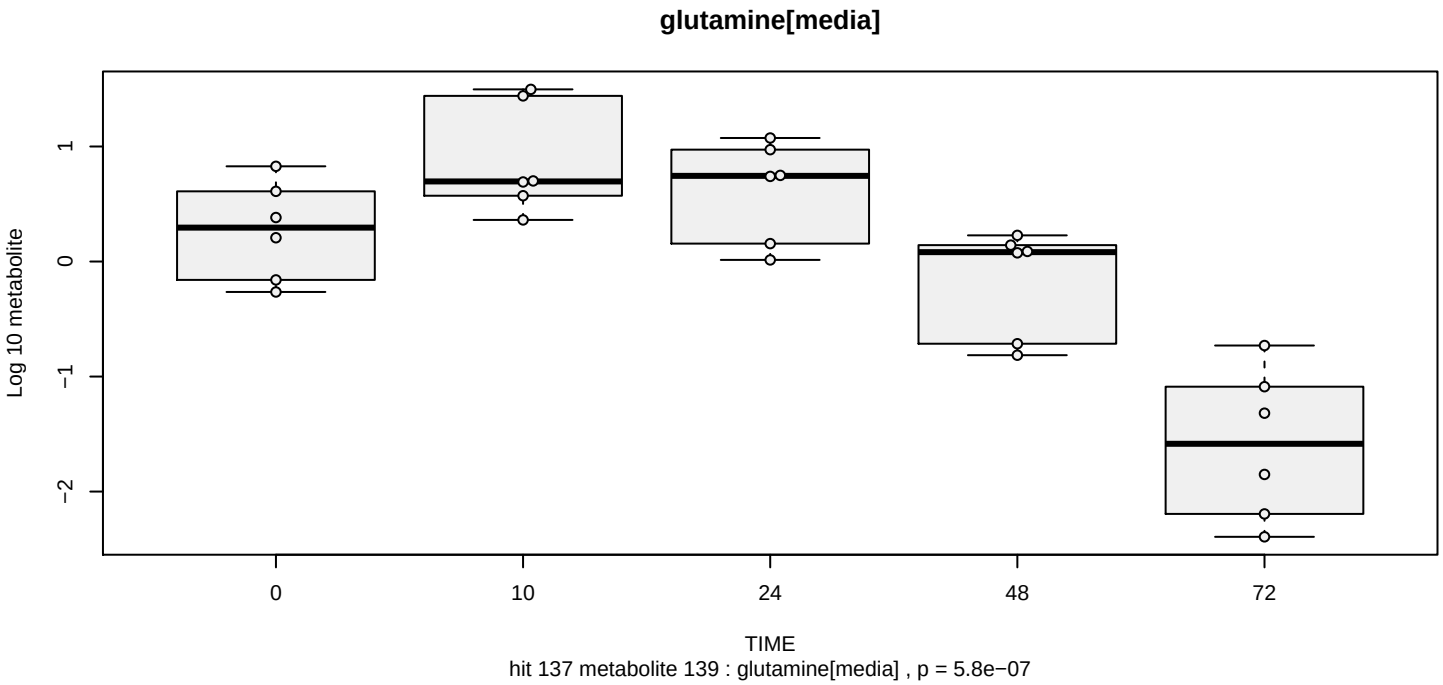
hit 134 metabolite 136 : glucose[media] , p = 0.1



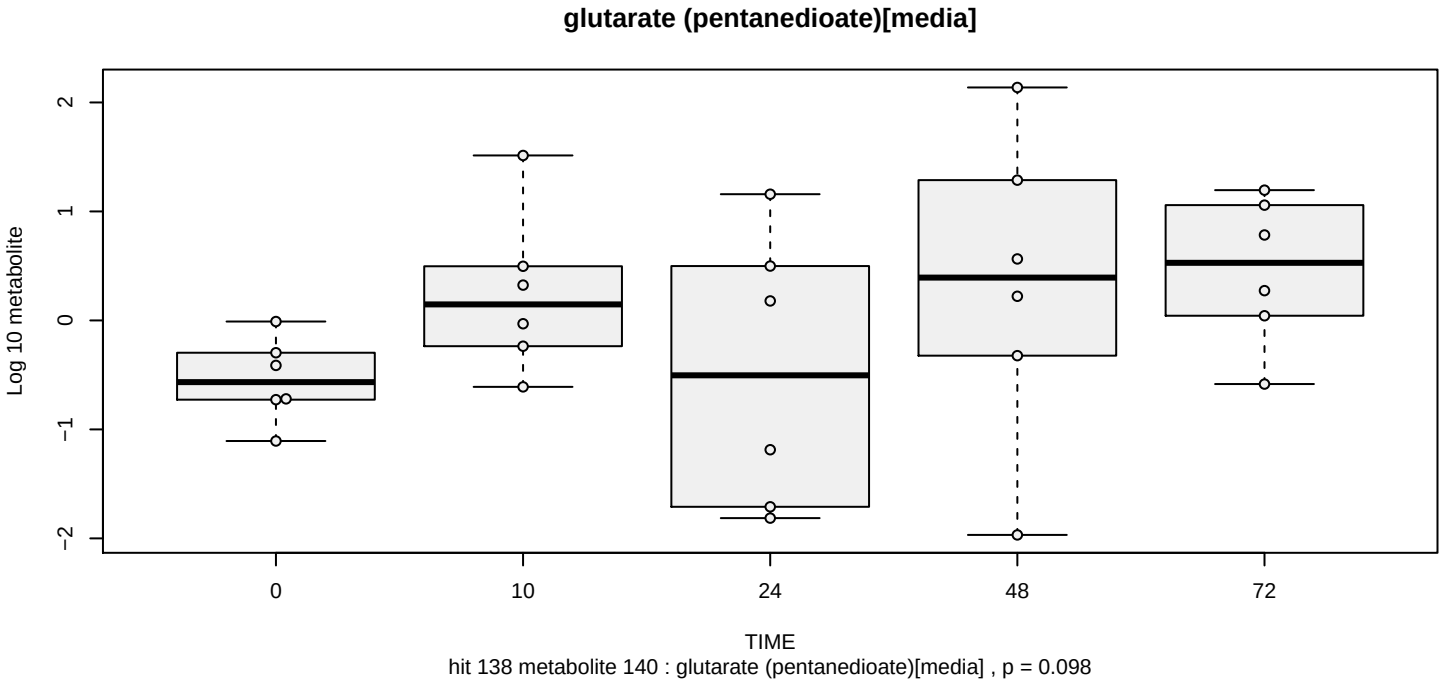
hit 135 metabolite 137 : glucuronate[media] , p = 0.034



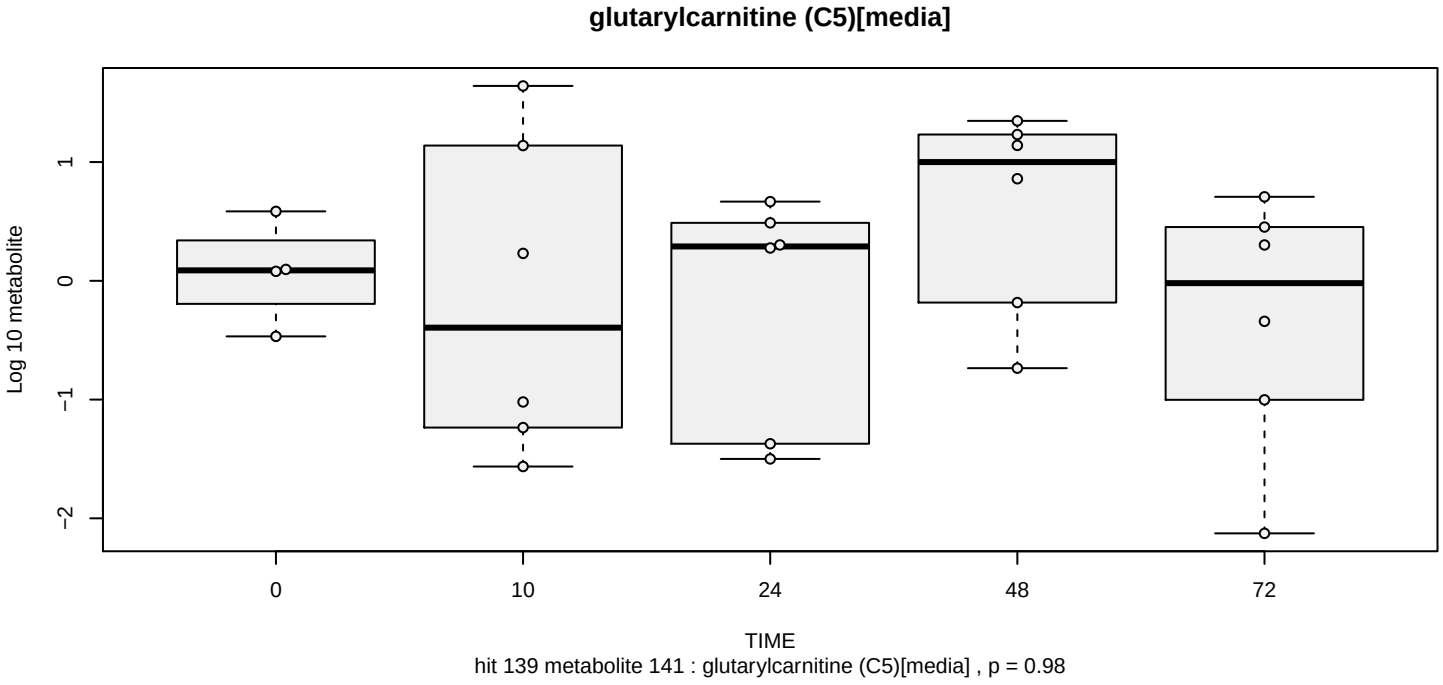
hit 136 metabolite 138 : glutamate[media] , p = 5.8e−08



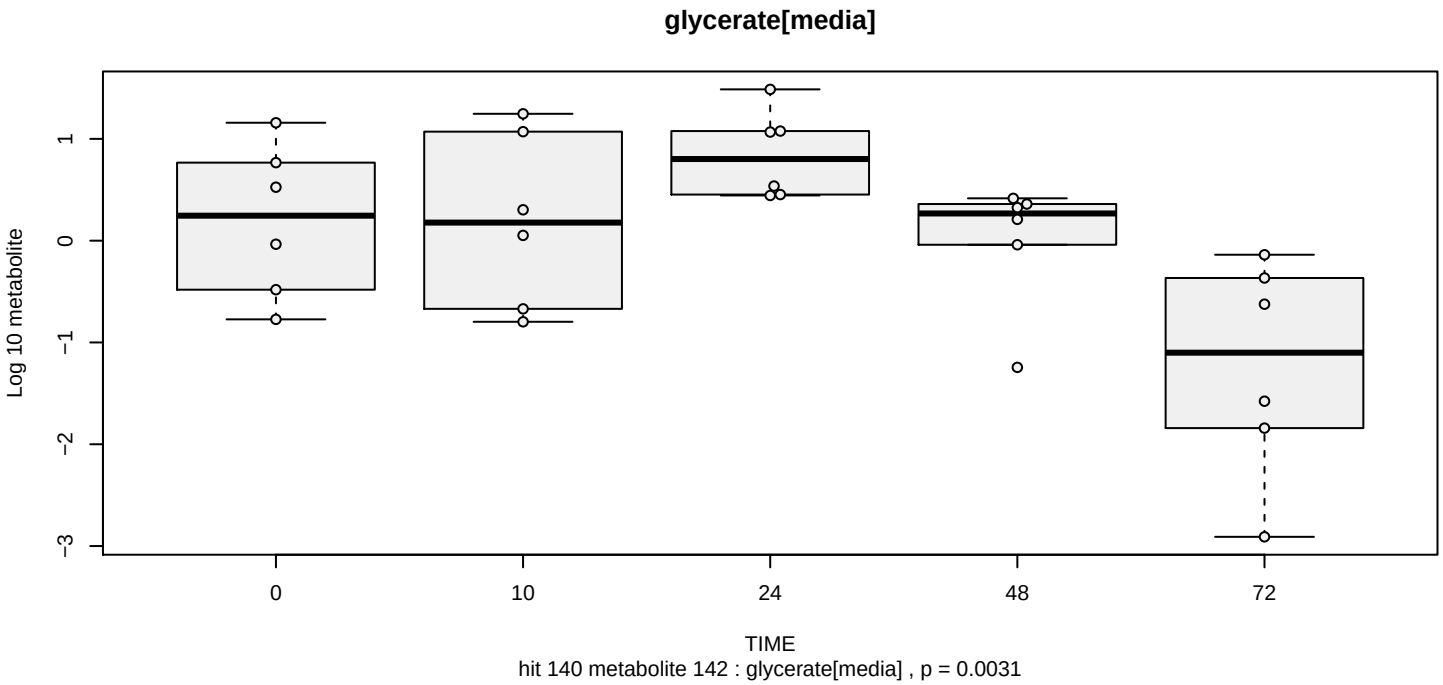
hit 137 metabolite 139 : glutamine[media] , p = 5.8e−07



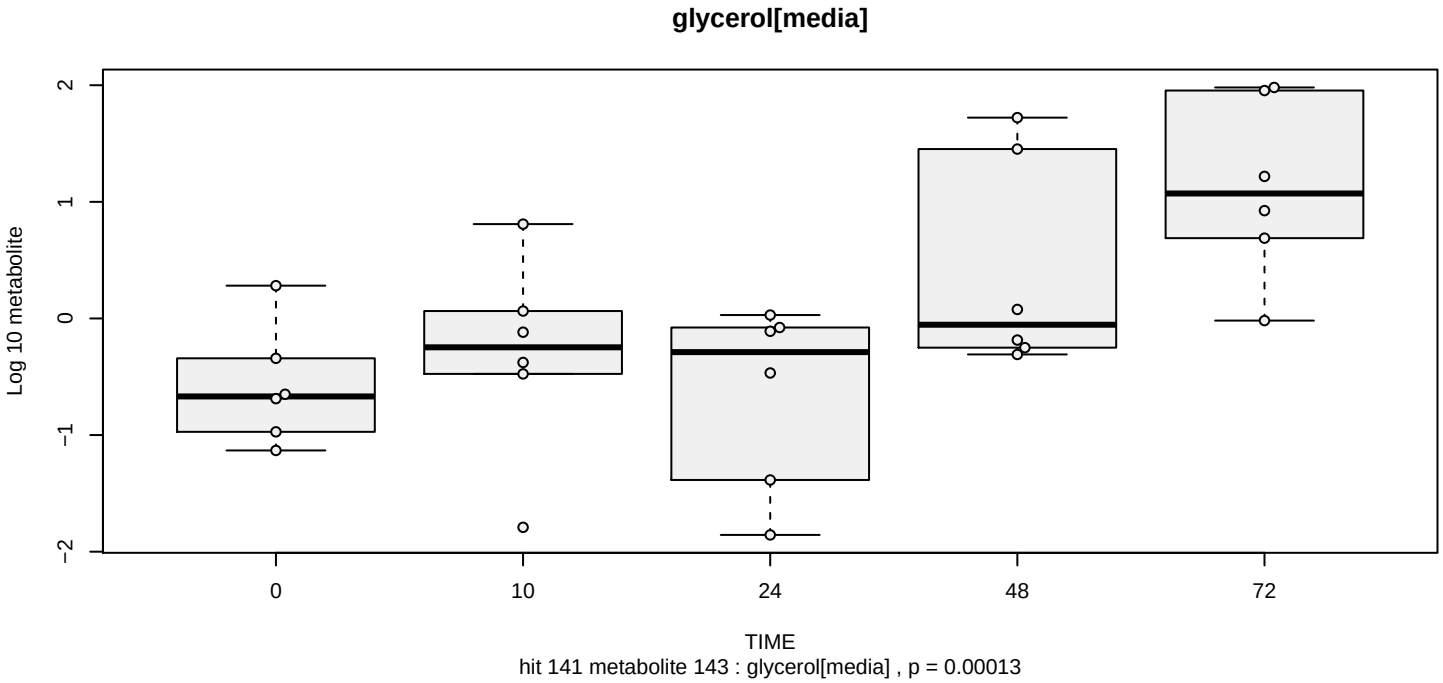
hit 138 metabolite 140 : glutarate (pentanedioate)[media] , p = 0.098



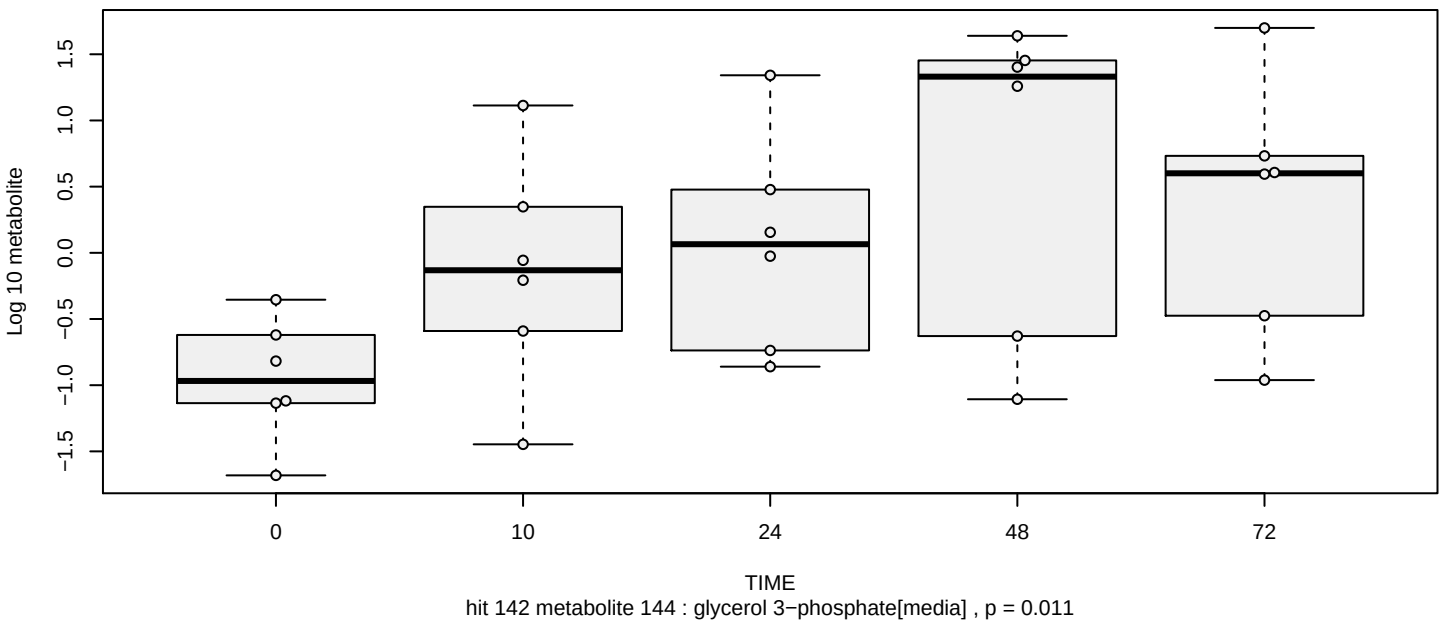
hit 139 metabolite 141 : glutarylcarnitine (C5)[media] , p = 0.98



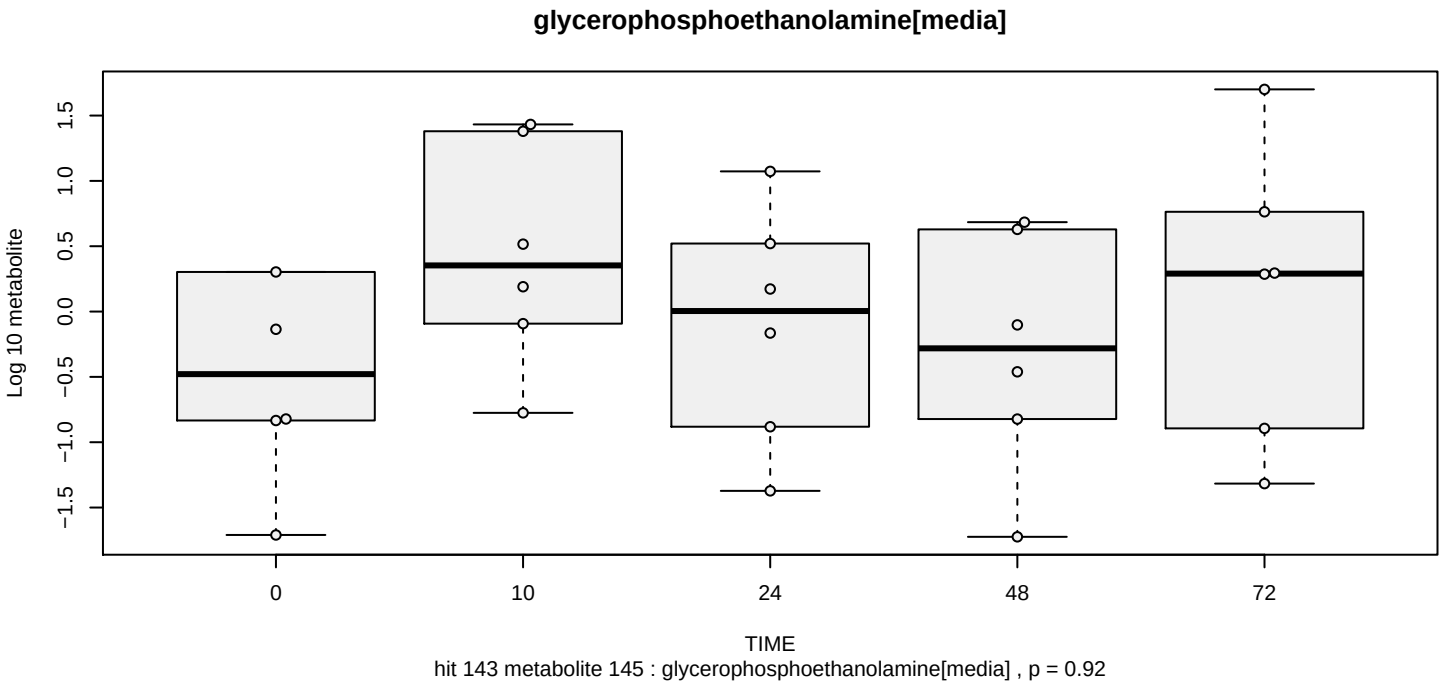
hit 140 metabolite 142 : glycerate[media] , p = 0.0031



hit 141 metabolite 143 : glycerol[media] , p = 0.00013

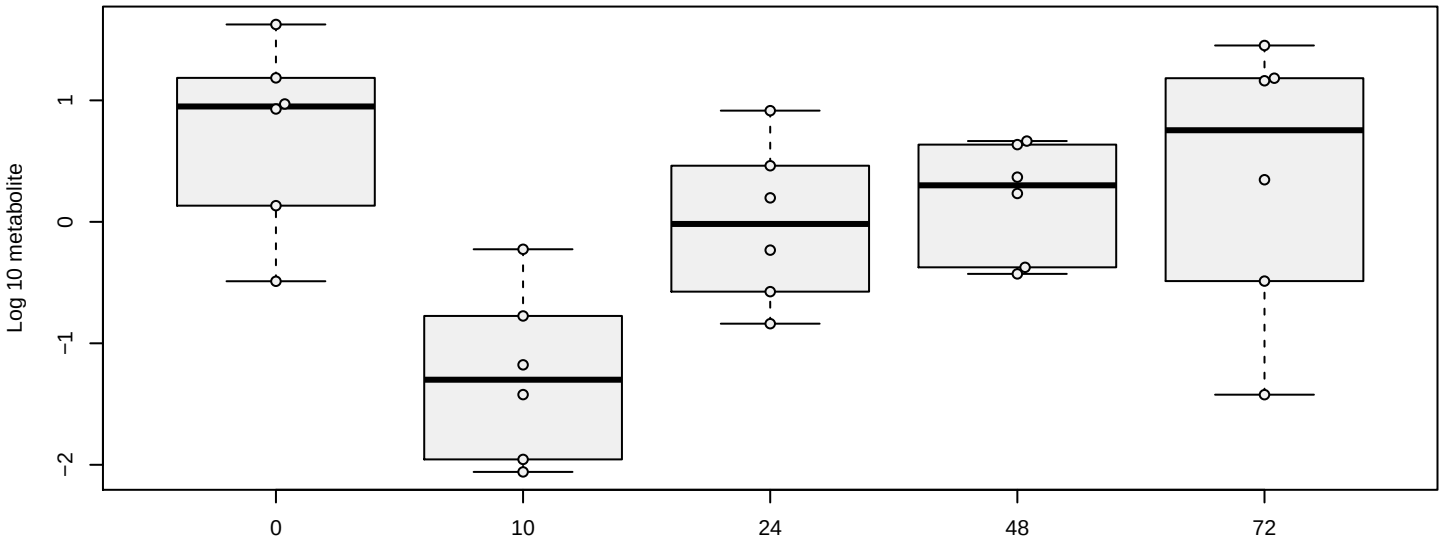


hit 142 metabolite 144 : glycerol 3−phosphate[media] , p = 0.011



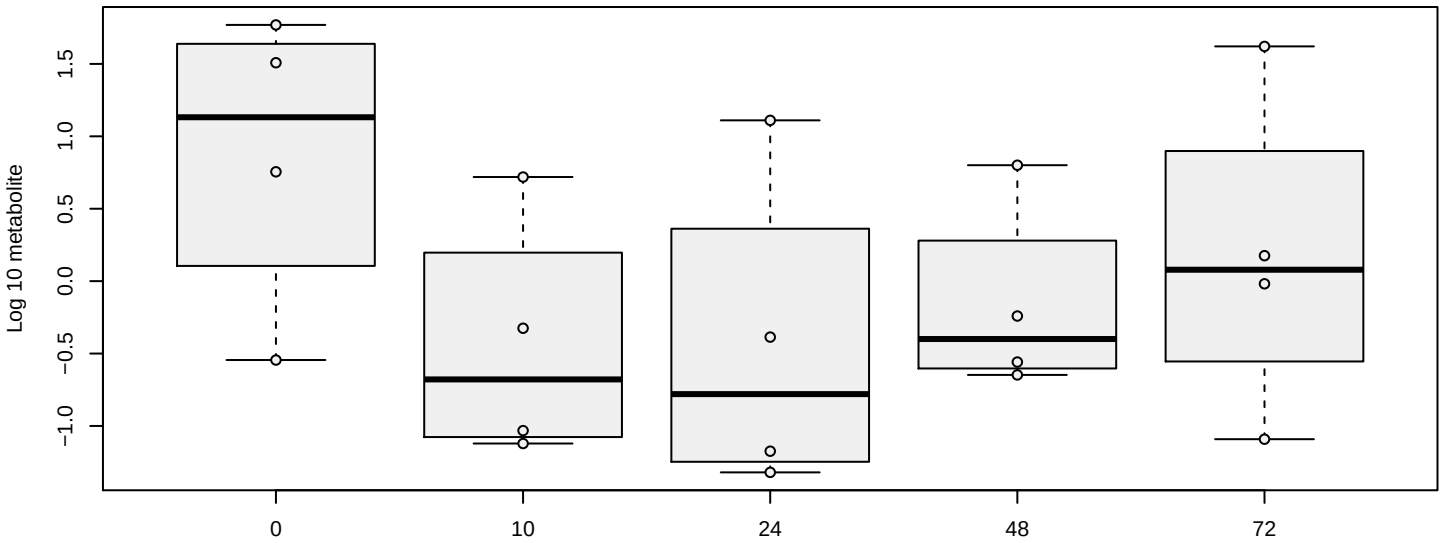
hit 143 metabolite 145 : glycerophosphoethanolamine[media] , p = 0.92

glycerophosphoglycerol[media]



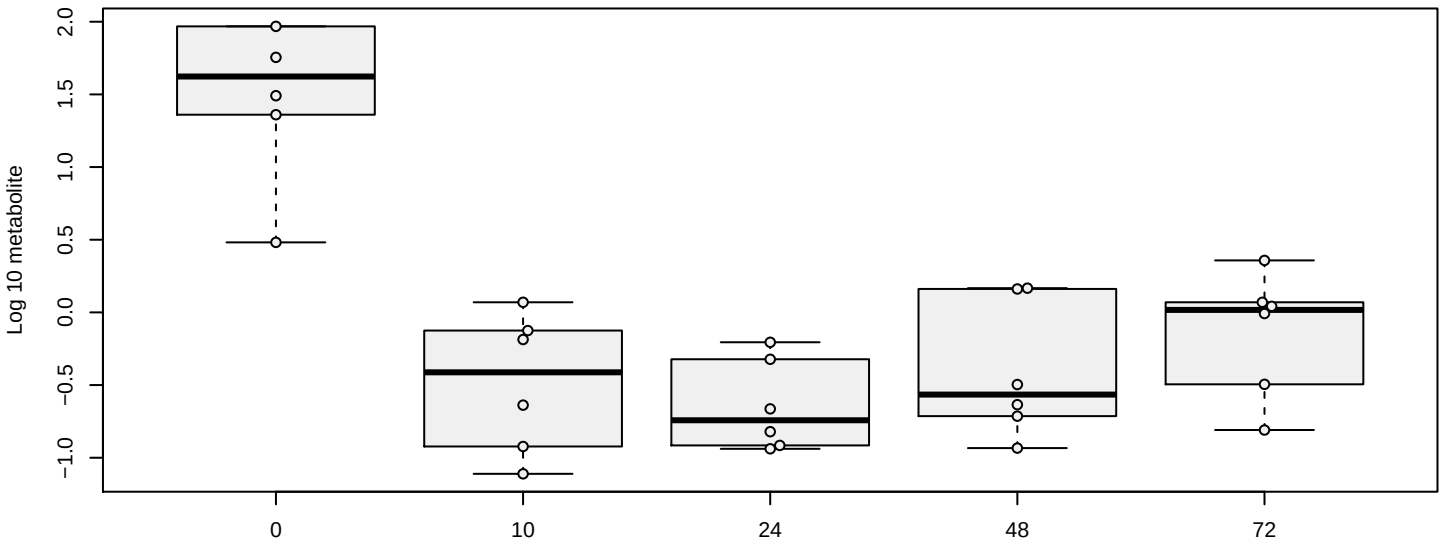
hit 144 metabolite 146 : glycerophosphoglycerol[media] , p = 0.35

glycerophosphoinositol*[media]

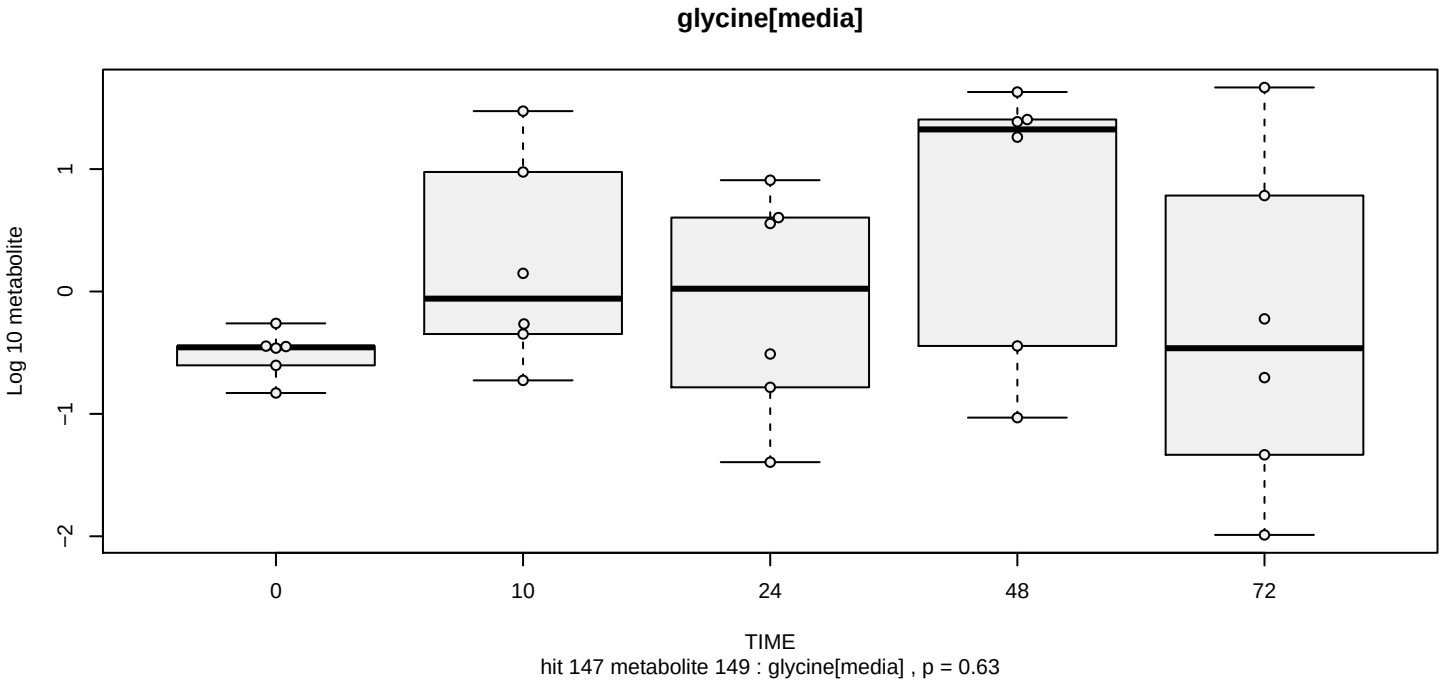


hit 145 metabolite 147 : glycerophosphoinositol*[media] , p = 0.73

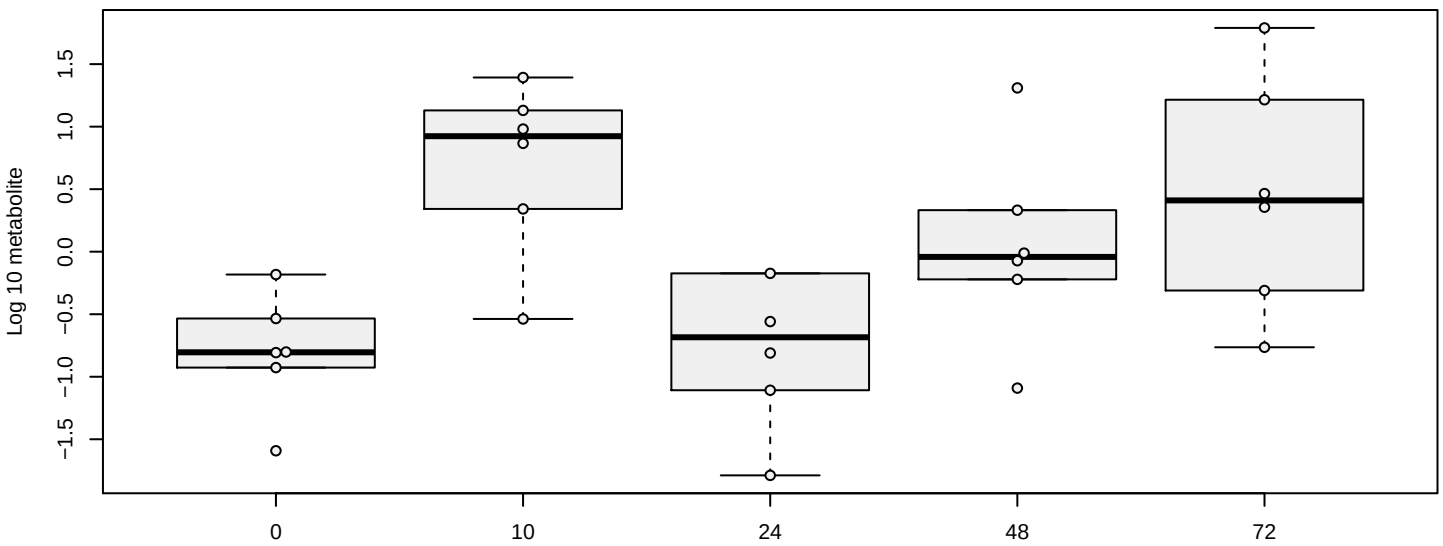
glycerophosphorylcholine (GPC)[media]



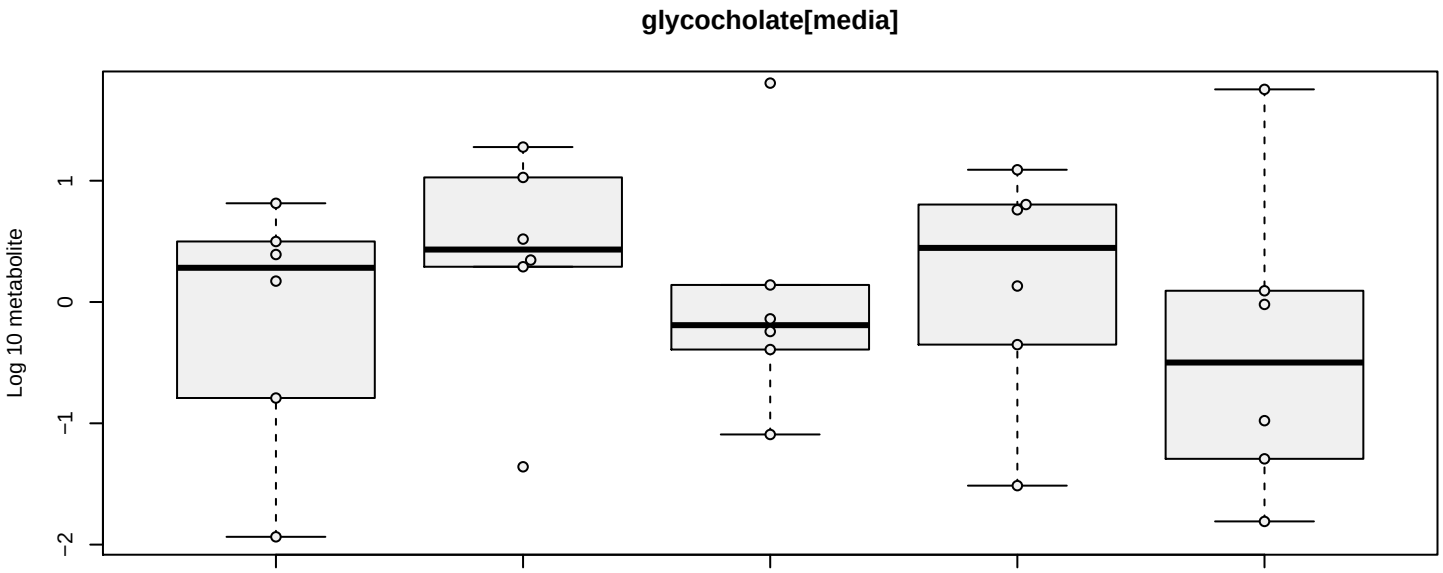
hit 146 metabolite 148 : glycerophosphorylcholine (GPC)[media] , p = 0.034



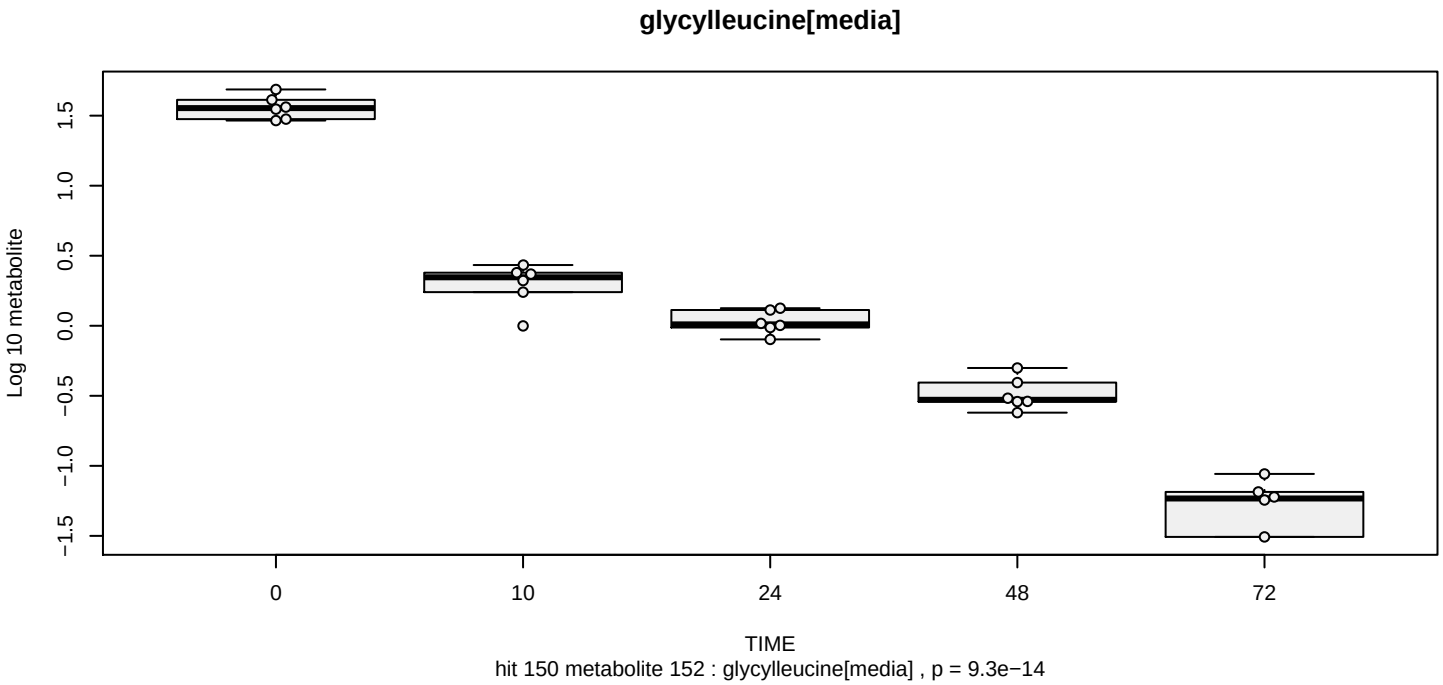
hit 147 metabolite 149 : glycine[media] , p = 0.63



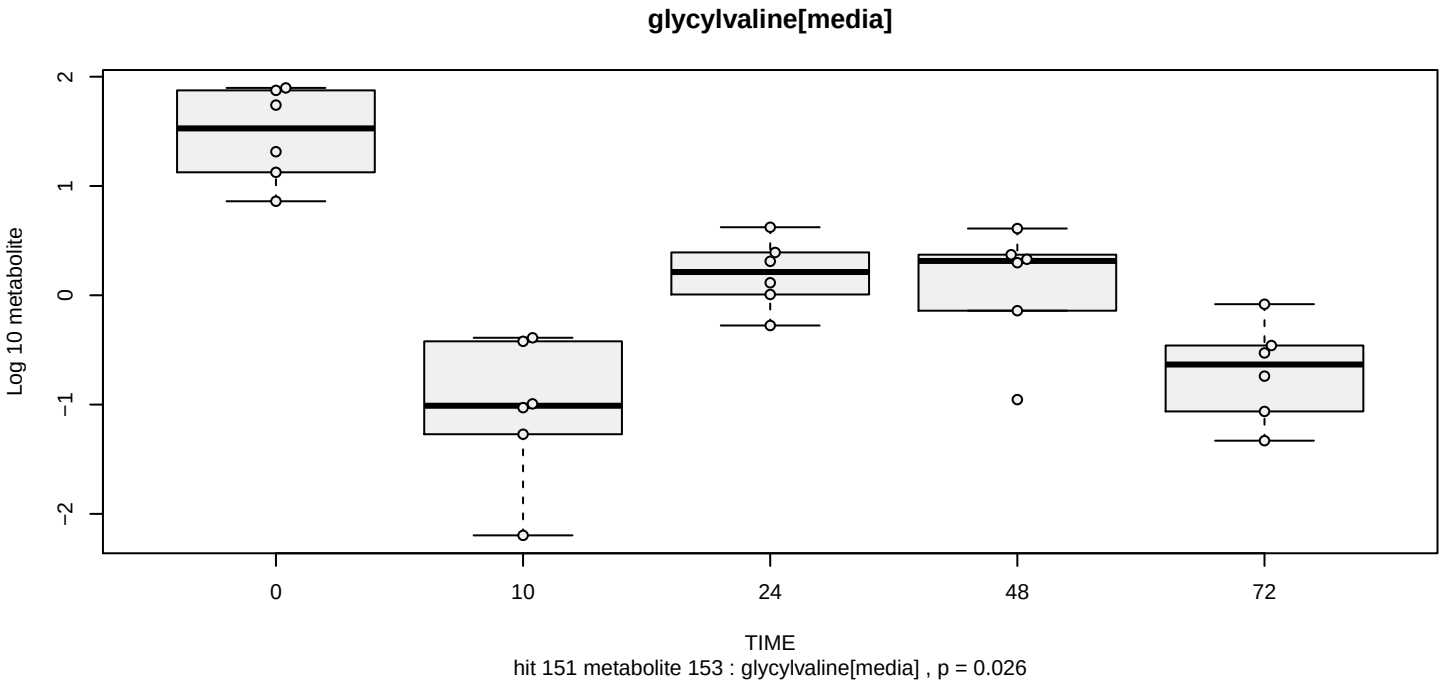
hit 148 metabolite 150 : glycochenodeoxycholate[media] , p = 0.18



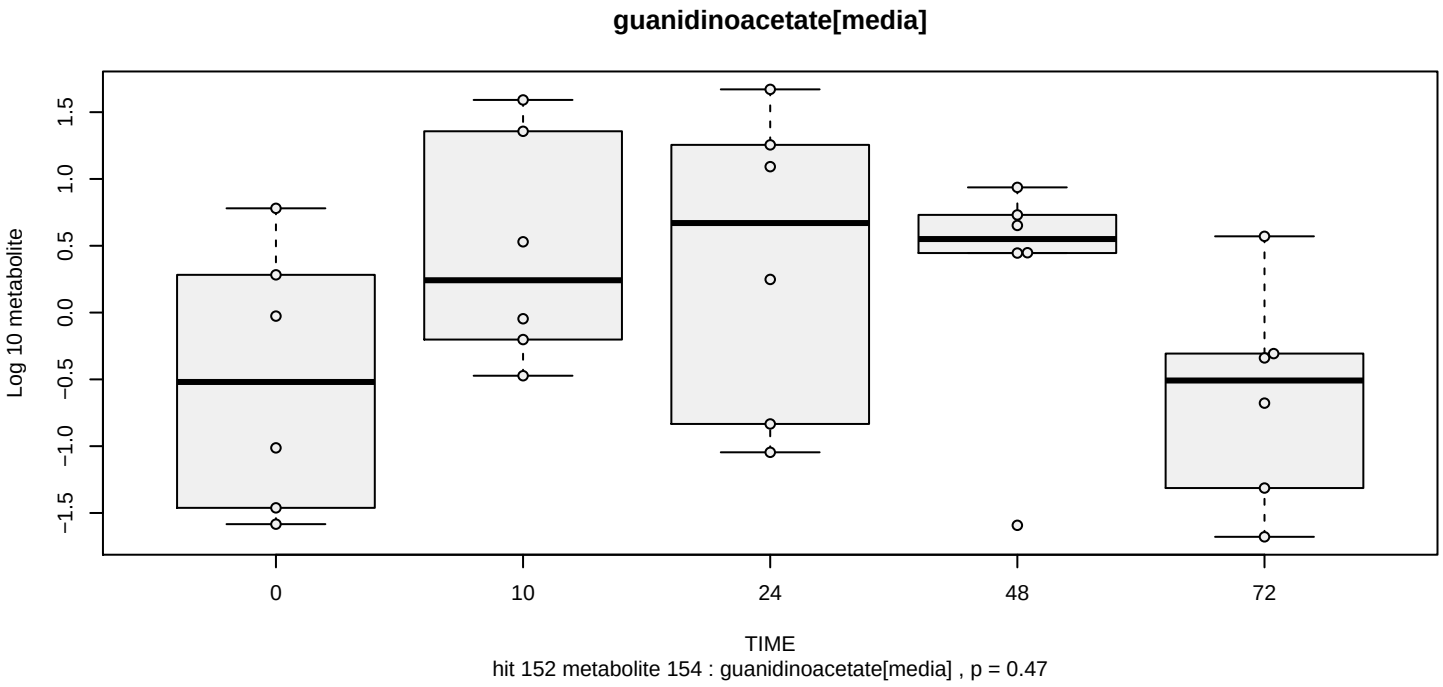
hit 149 metabolite 151 : glycocholate[media] , p = 0.52



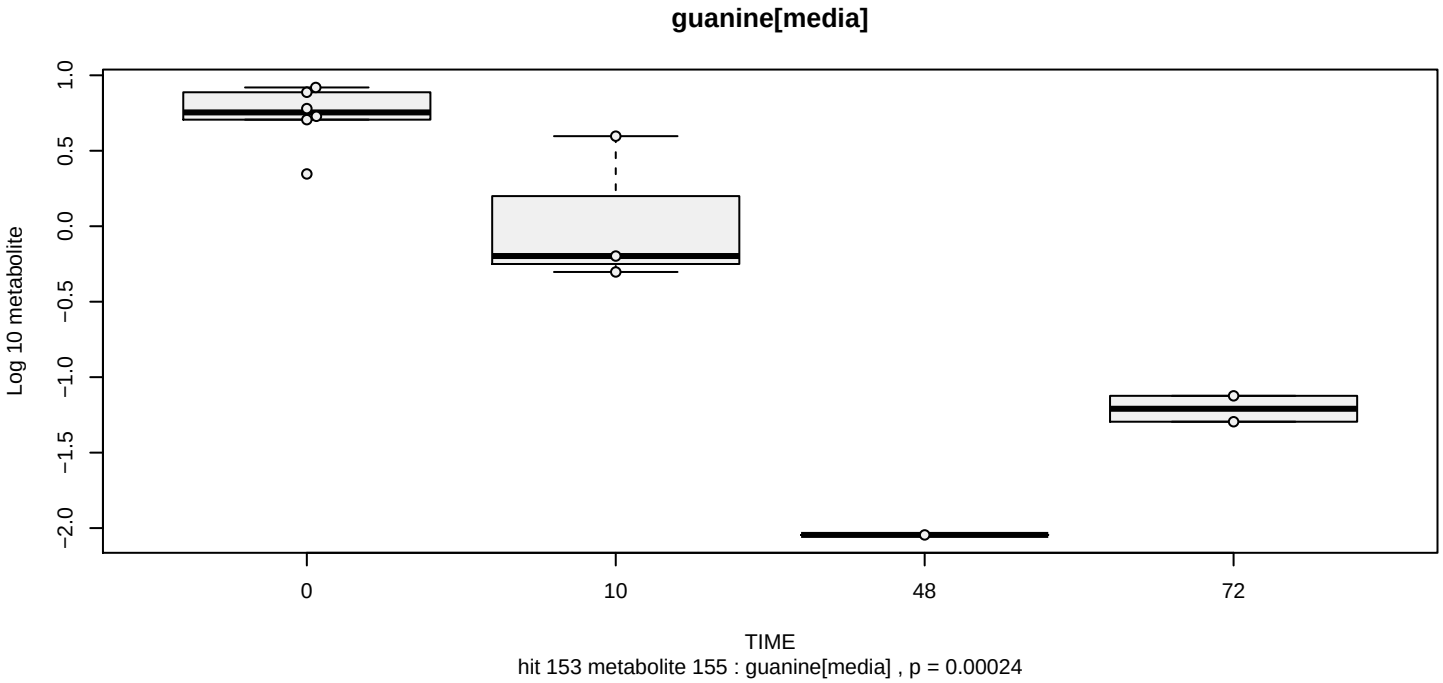
hit 150 metabolite 152 : glycylleucine[media] , p = 9.3e−14



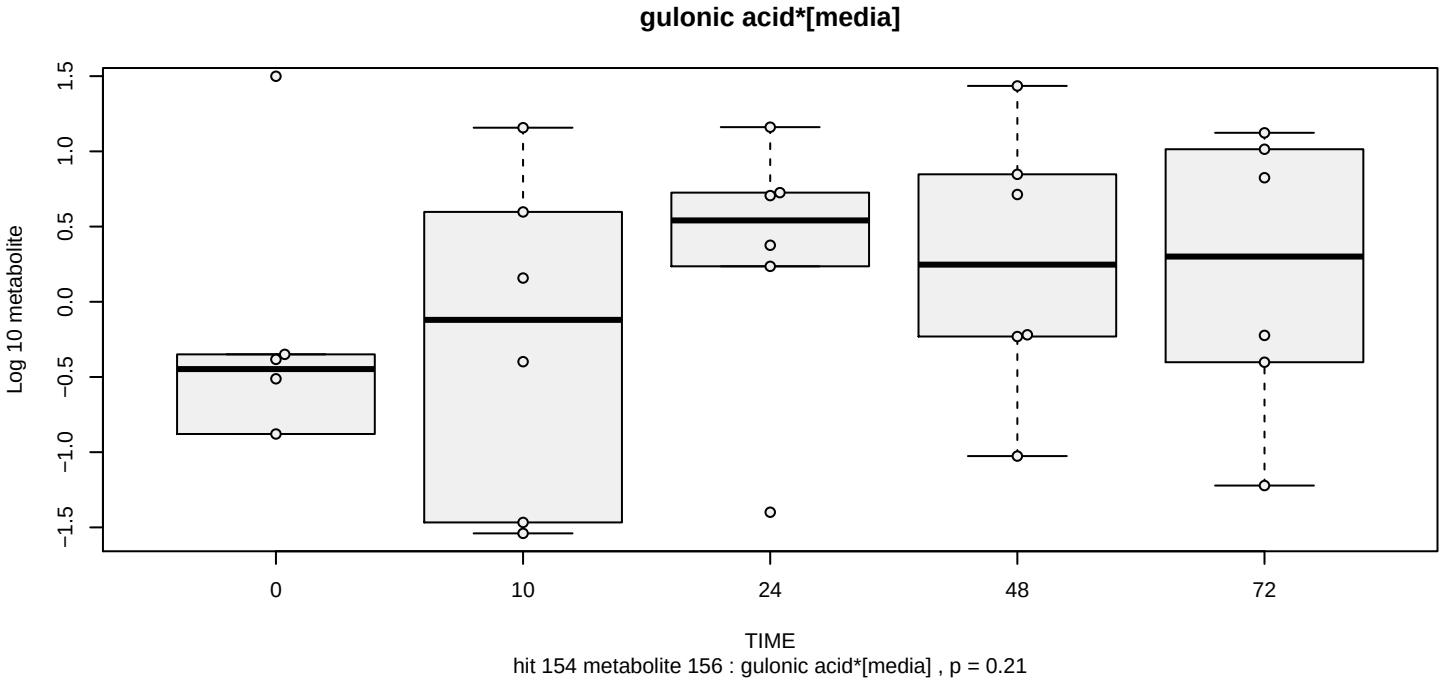
hit 151 metabolite 153 : glycylvaline[media] , p = 0.026



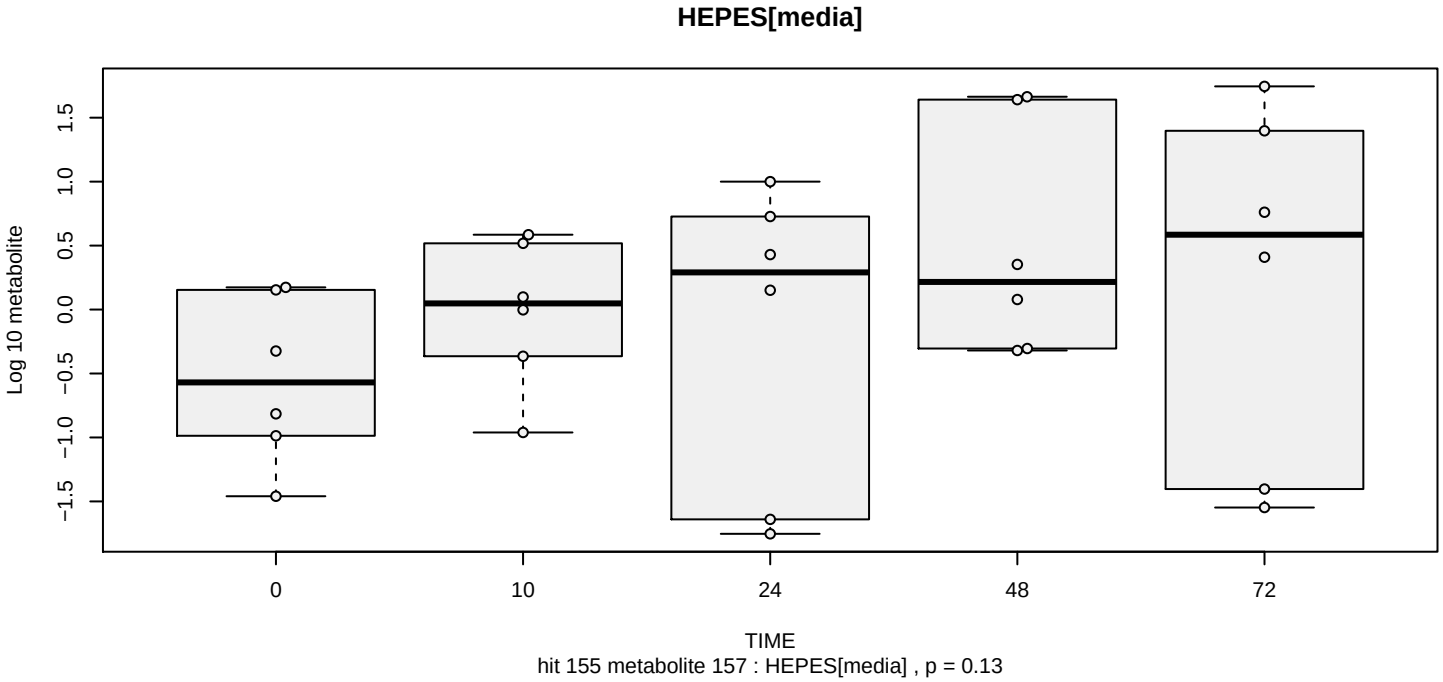
hit 152 metabolite 154 : guanidinoacetate[media] , p = 0.47



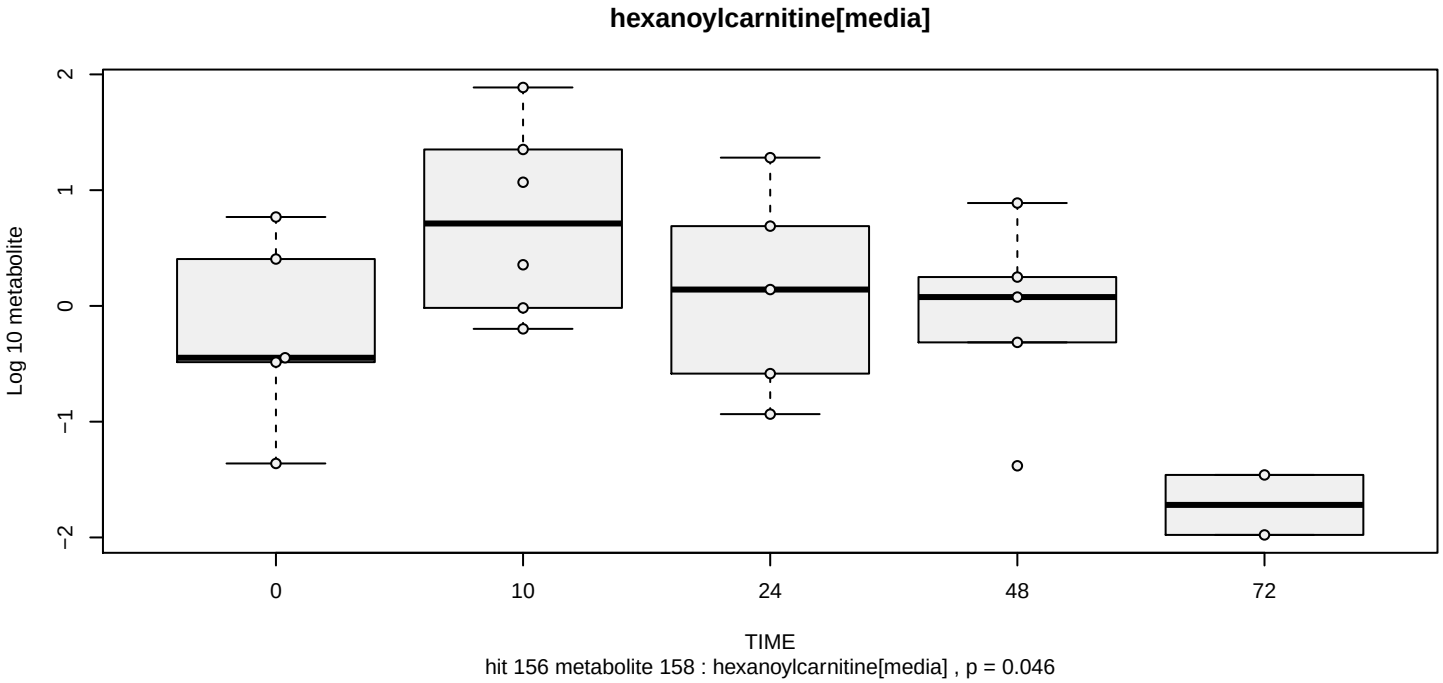
hit 153 metabolite 155 : guanine[media] , p = 0.00024



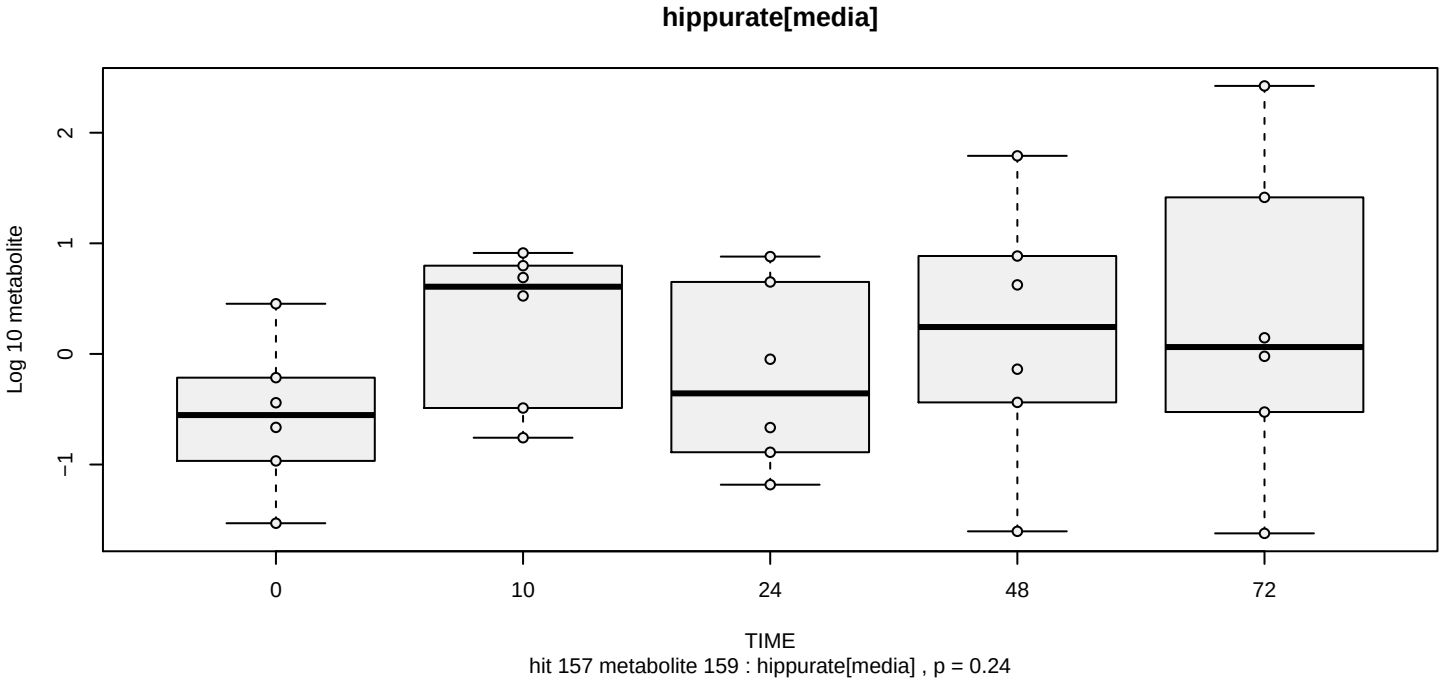
hit 154 metabolite 156 : gulonic acid*[media] , p = 0.21



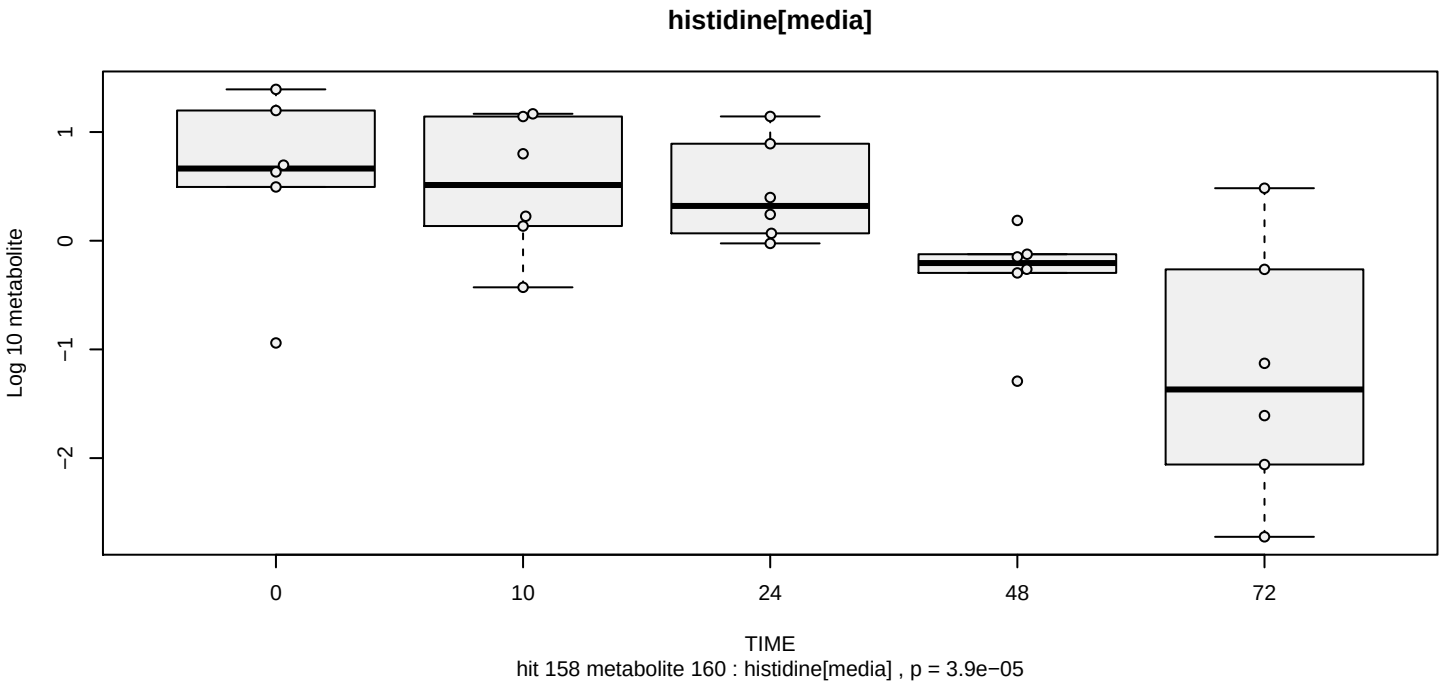
hit 155 metabolite 157 : HEPES[media] , p = 0.13



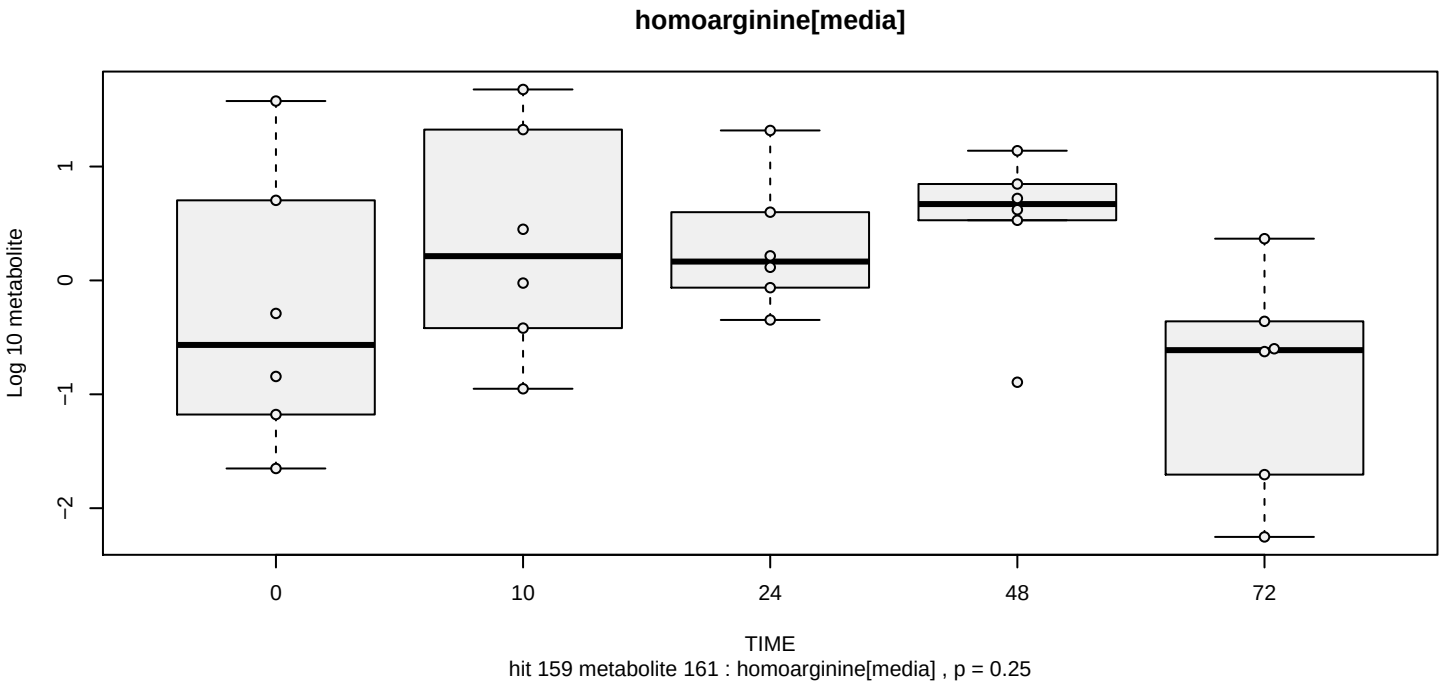
hit 156 metabolite 158 : hexanoylcarnitine[media] , p = 0.046



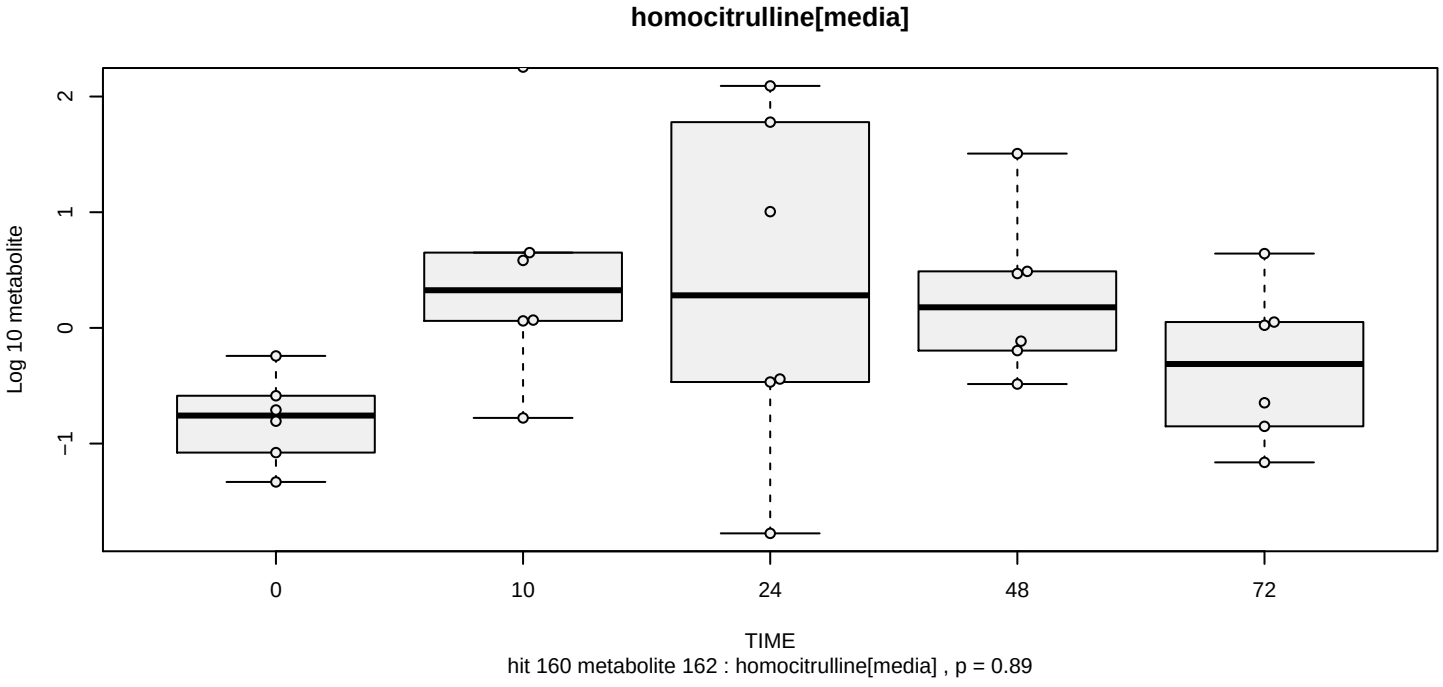
hit 157 metabolite 159 : hippurate[media] , p = 0.24



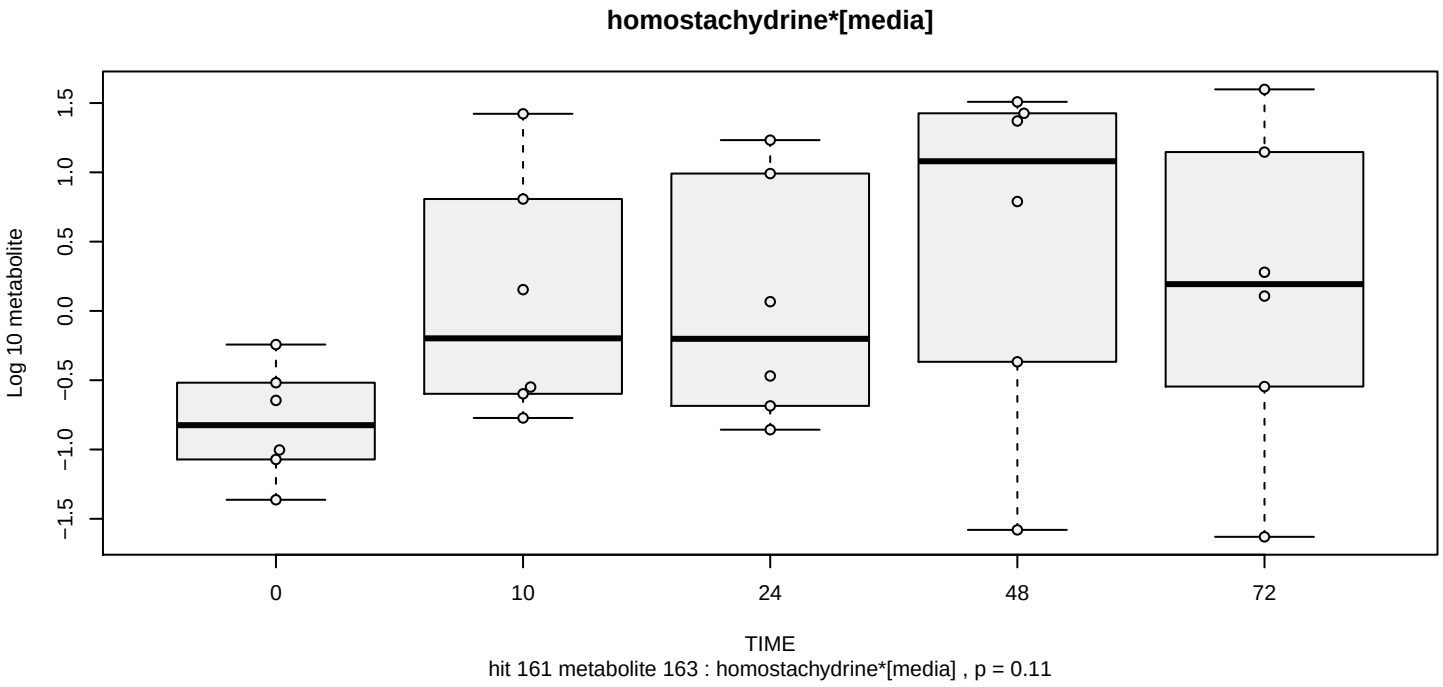
hit 158 metabolite 160 : histidine[media] , p = 3.9e−05



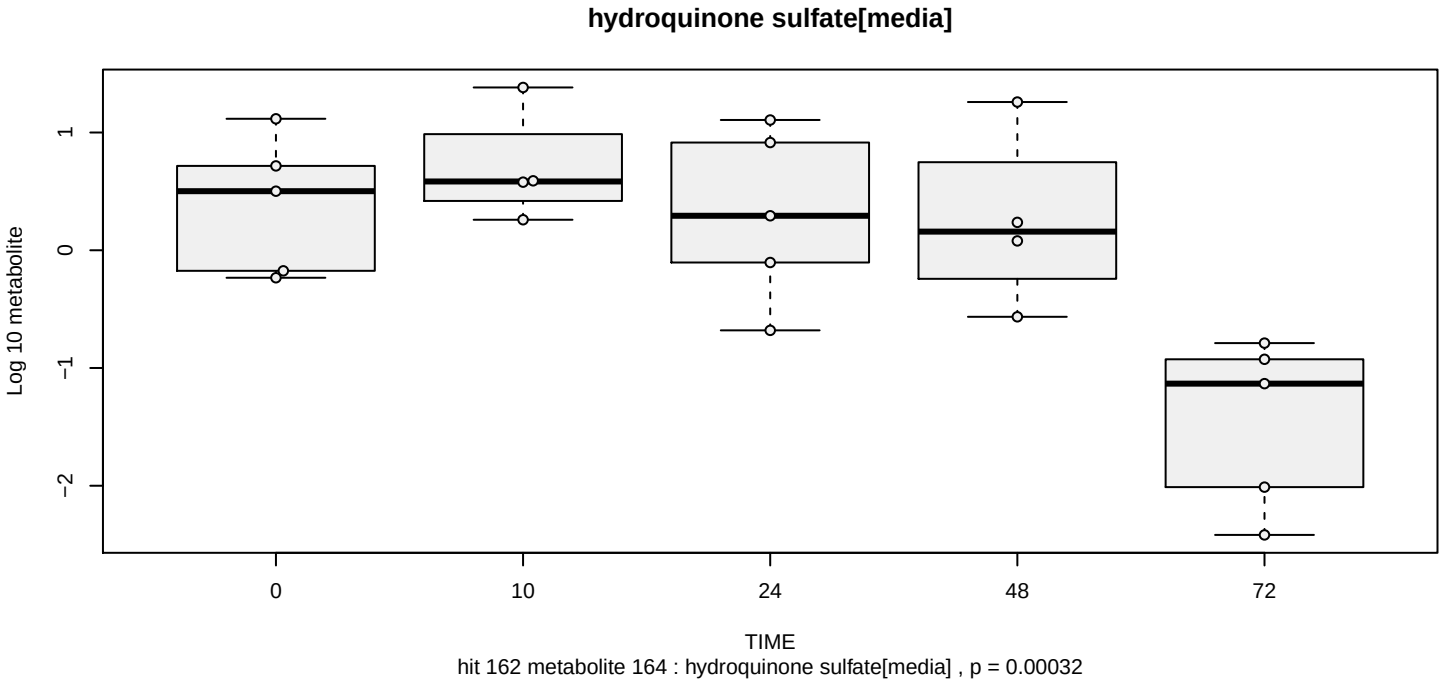
hit 159 metabolite 161 : homoarginine[media] , p = 0.25



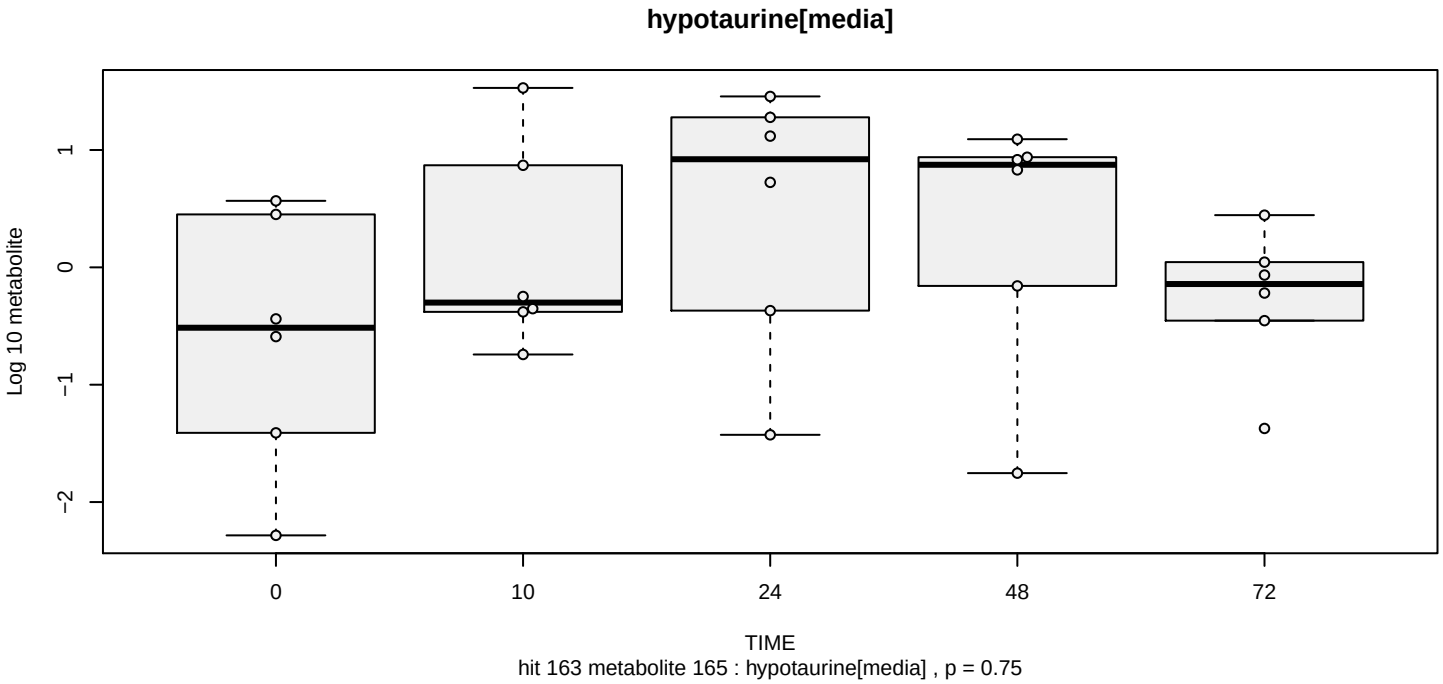
hit 160 metabolite 162 : homocitrulline[media] , p = 0.89



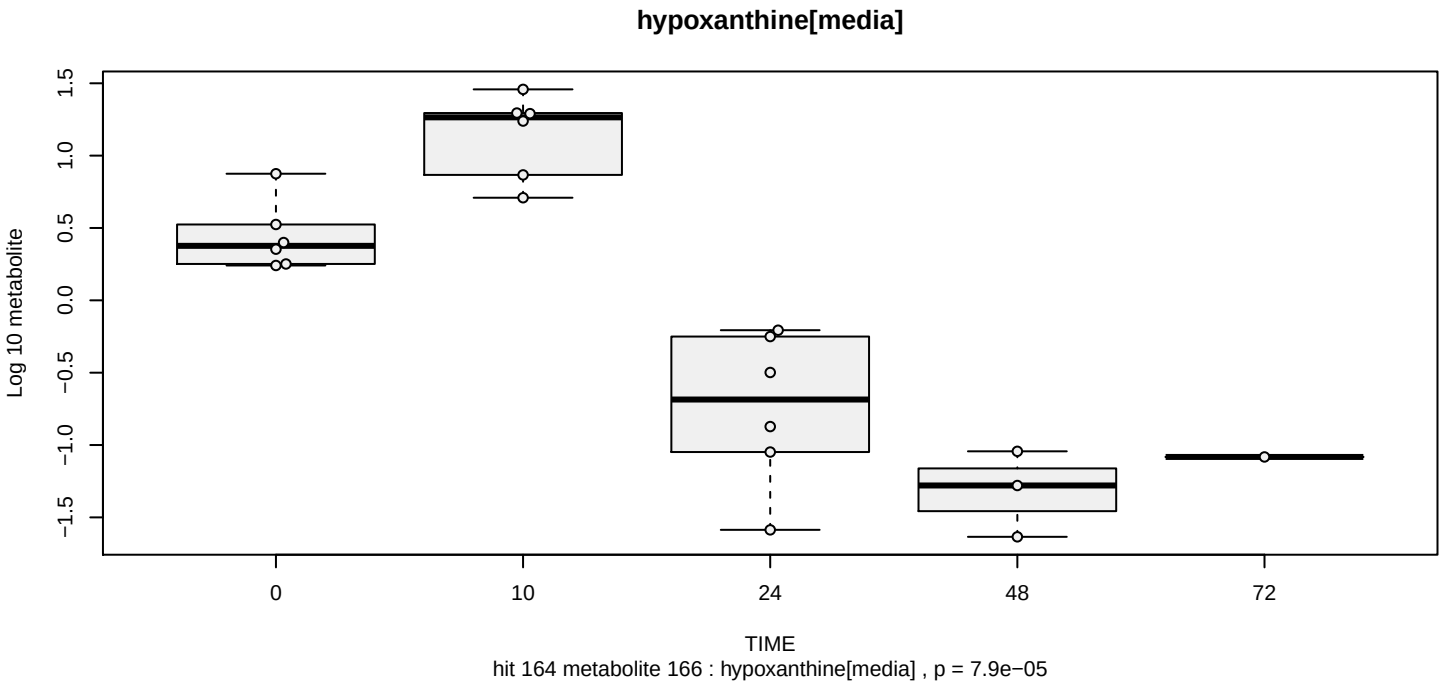
hit 161 metabolite 163 : homostachydrine*[media] , p = 0.11



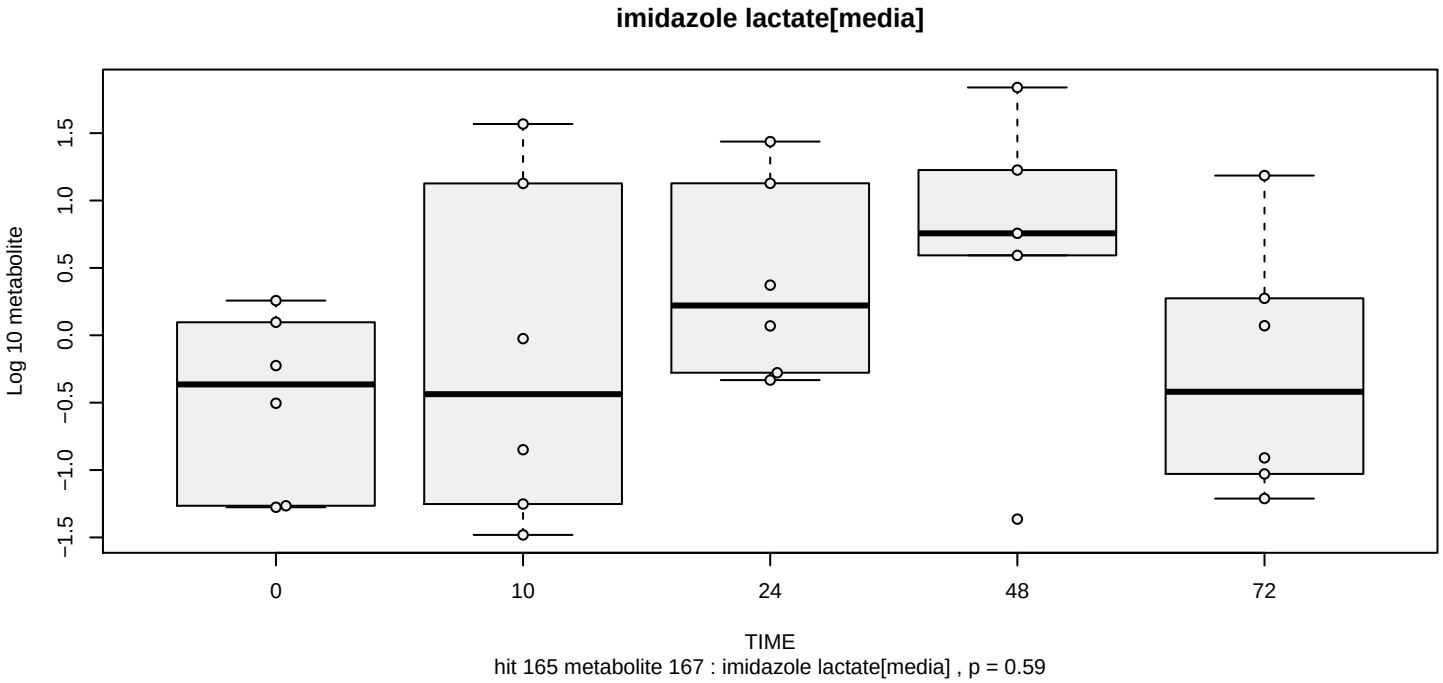
hit 162 metabolite 164 : hydroquinone sulfate[media] , p = 0.00032



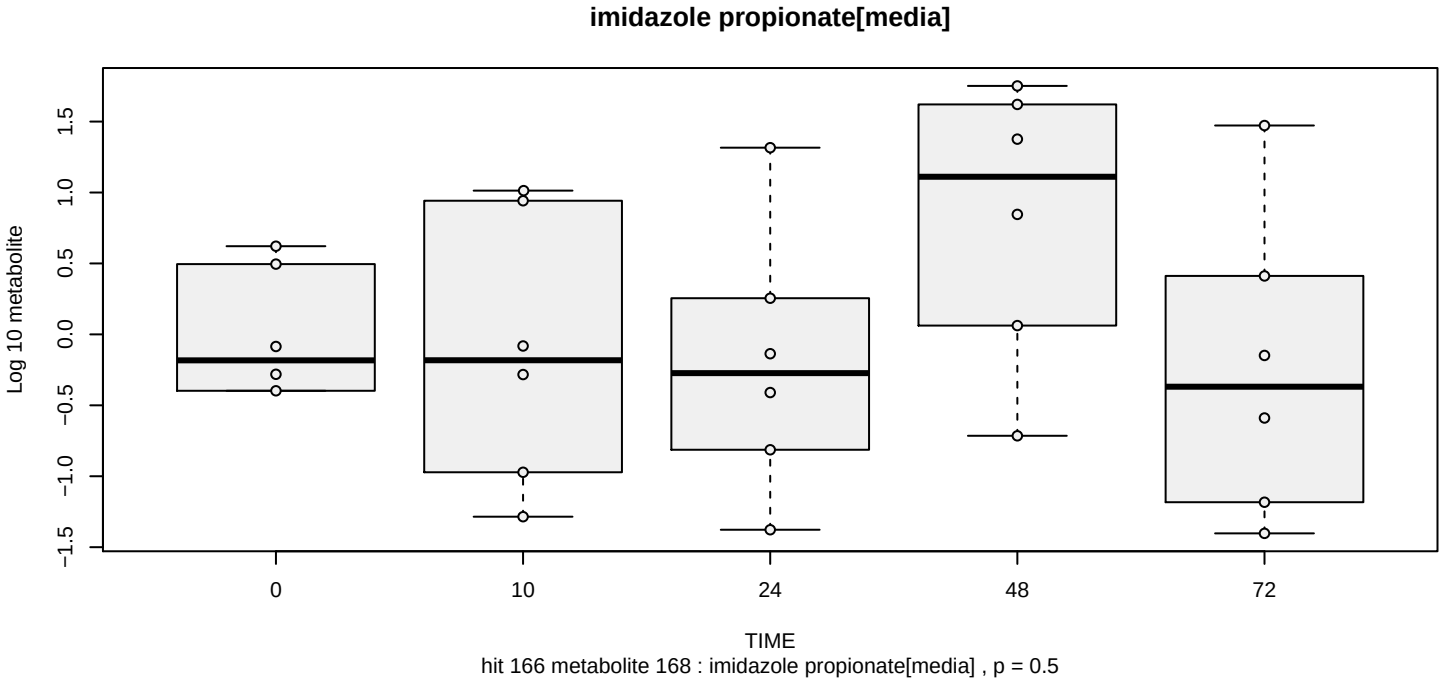
hit 163 metabolite 165 : hypotaurine[media] , p = 0.75



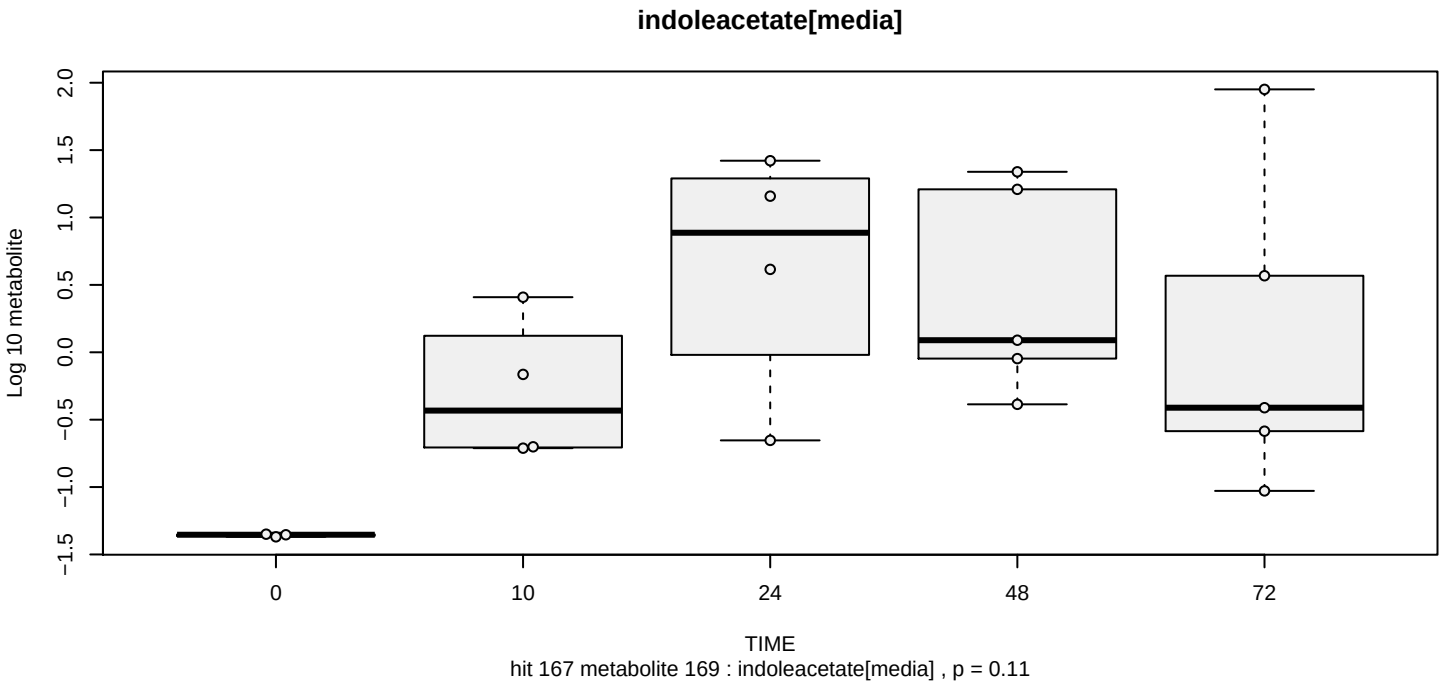
hit 164 metabolite 166 : hypoxanthine[media] , p = 7.9e−05



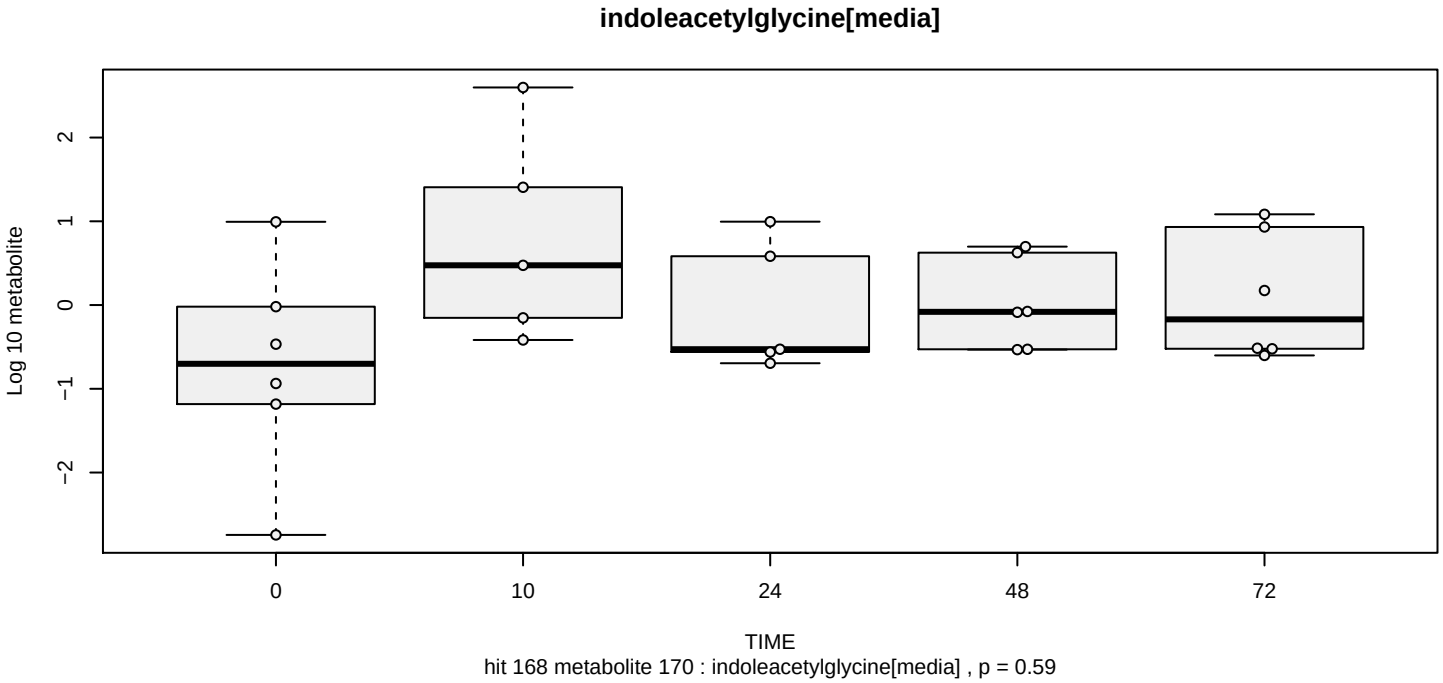
hit 165 metabolite 167 : imidazole lactate[media] , p = 0.59



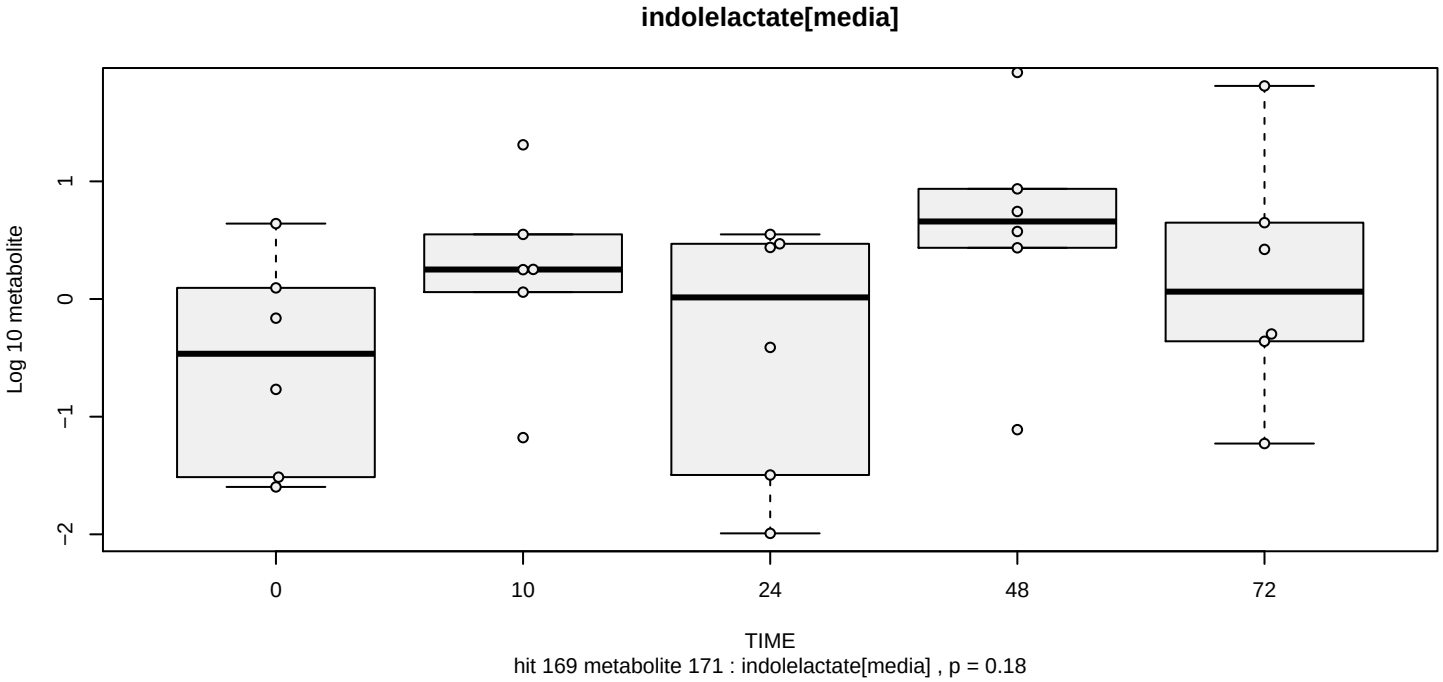
hit 166 metabolite 168 : imidazole propionate[media] , p = 0.5



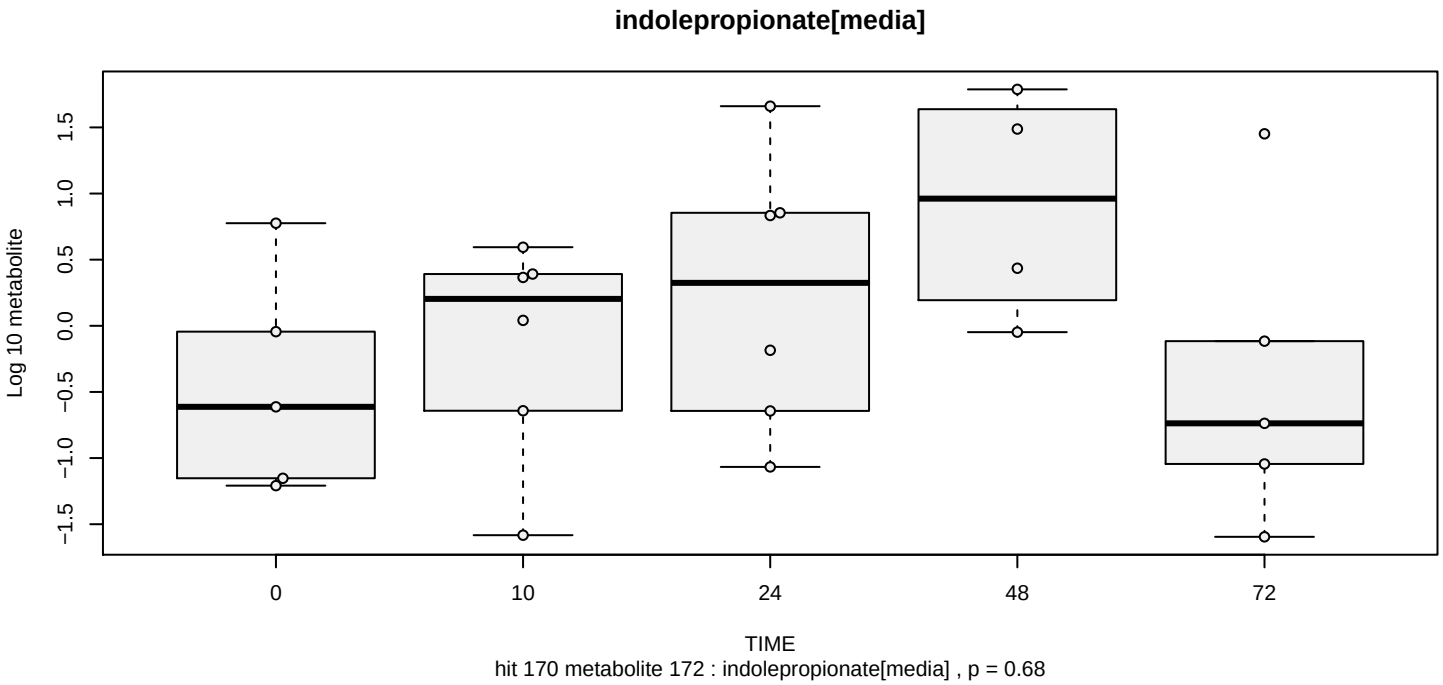
hit 167 metabolite 169 : indoleacetate[media] , p = 0.11



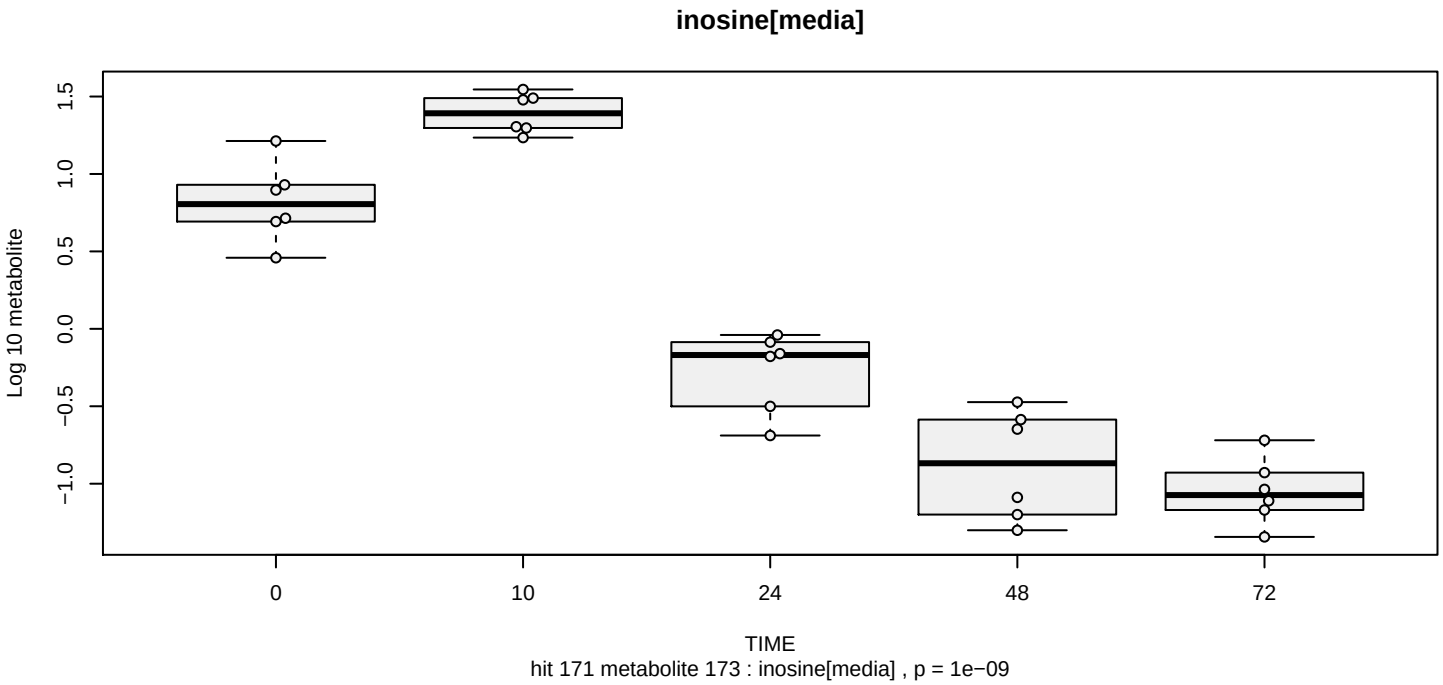
hit 168 metabolite 170 : indoleacetylglycine[media] , p = 0.59



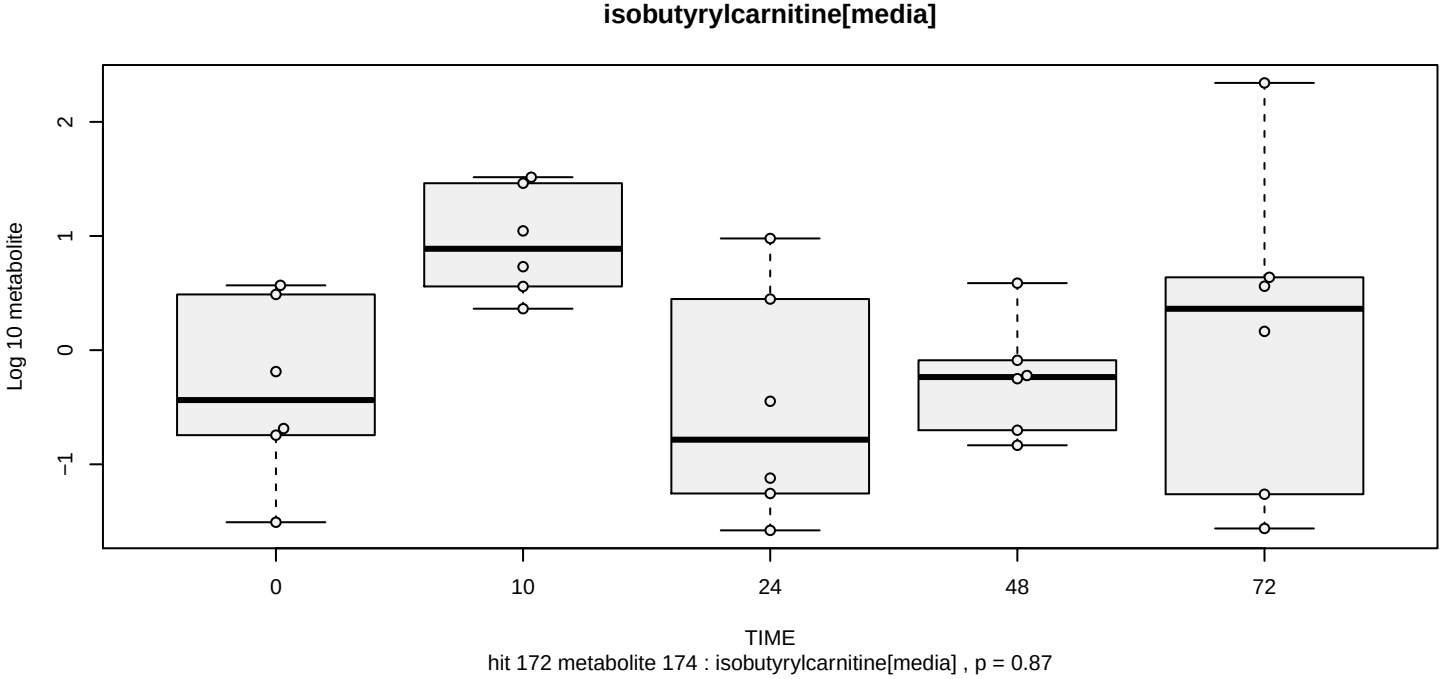
hit 169 metabolite 171 : indolelactate[media] , p = 0.18



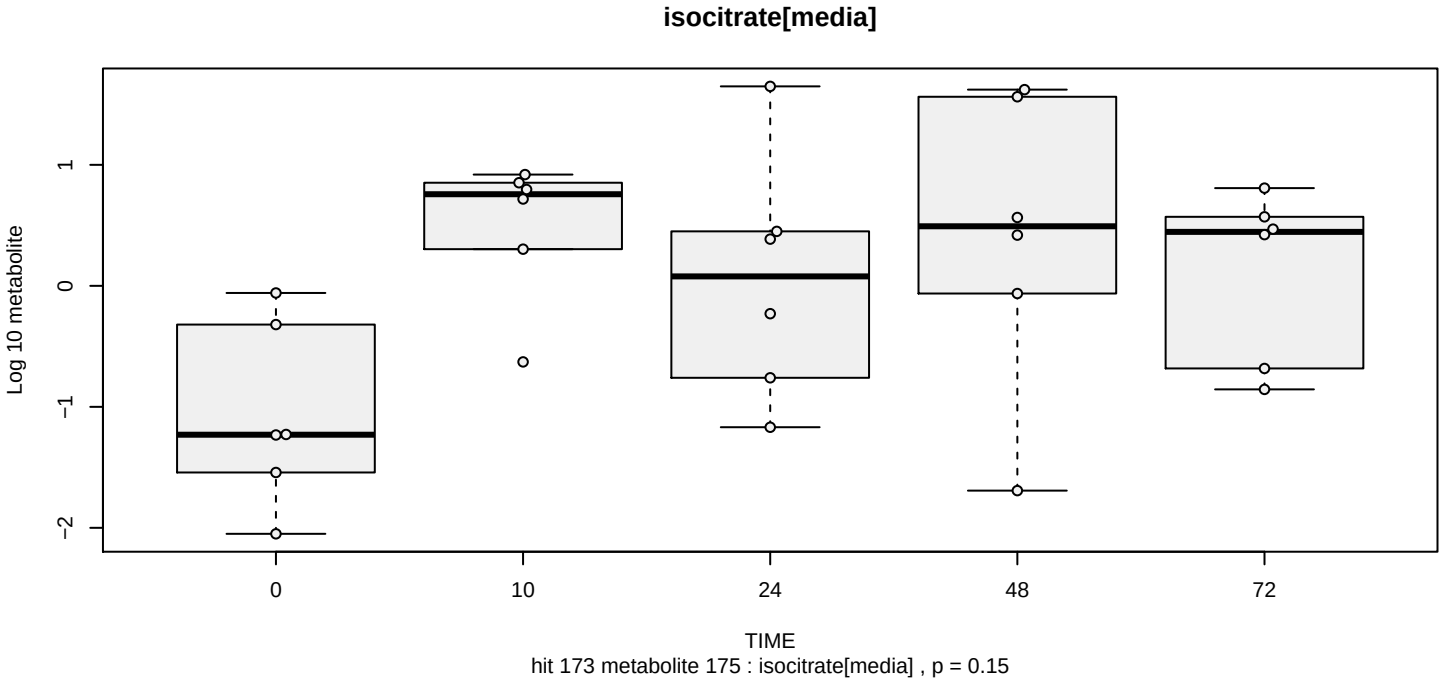
hit 170 metabolite 172 : indolepropionate[media] , p = 0.68



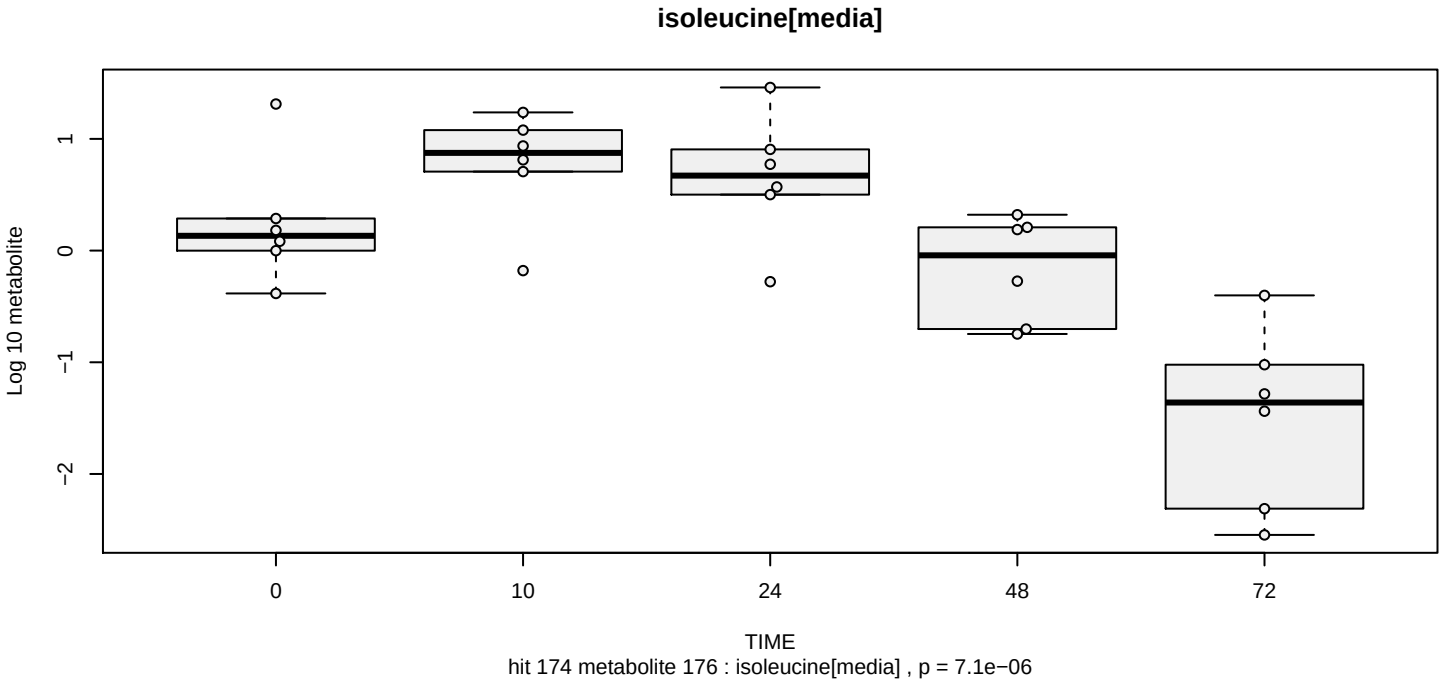
hit 171 metabolite 173 : inosine[media] , p = 1e−09



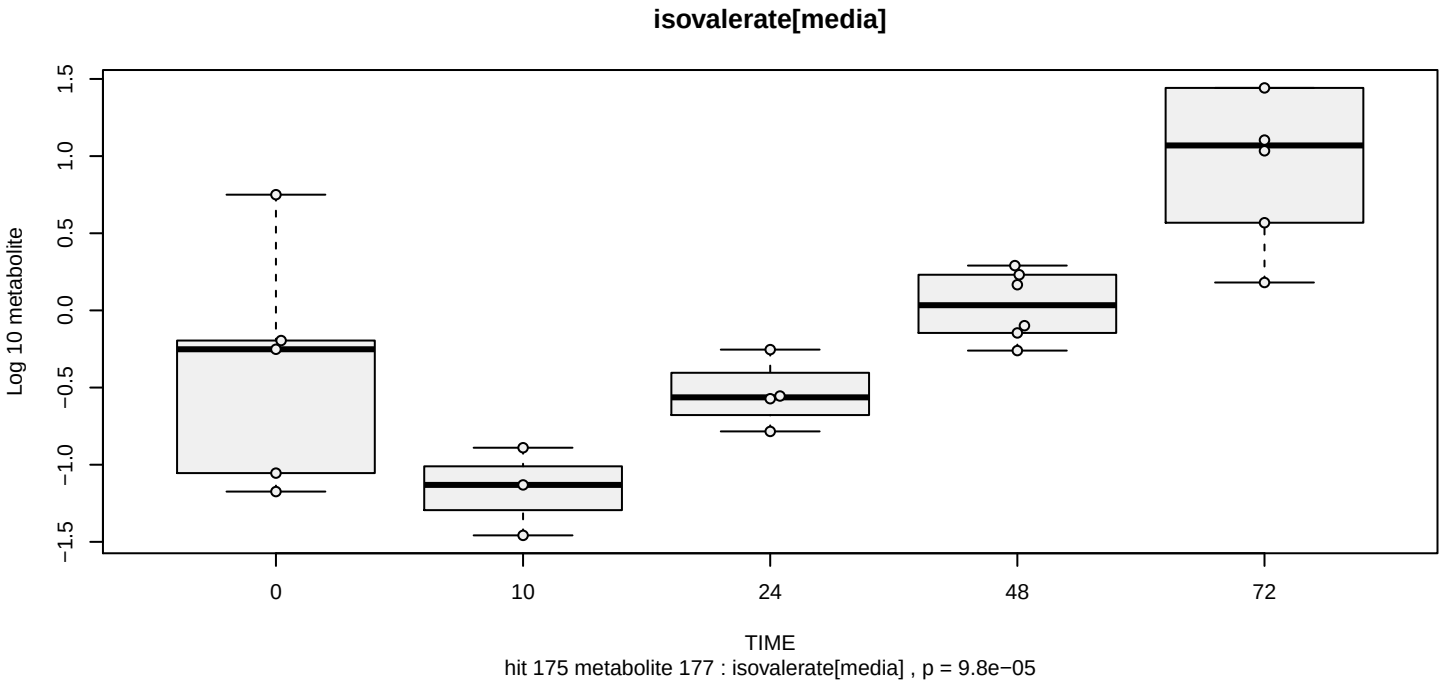
hit 172 metabolite 174 : isobutyrylcarnitine[media] , p = 0.87



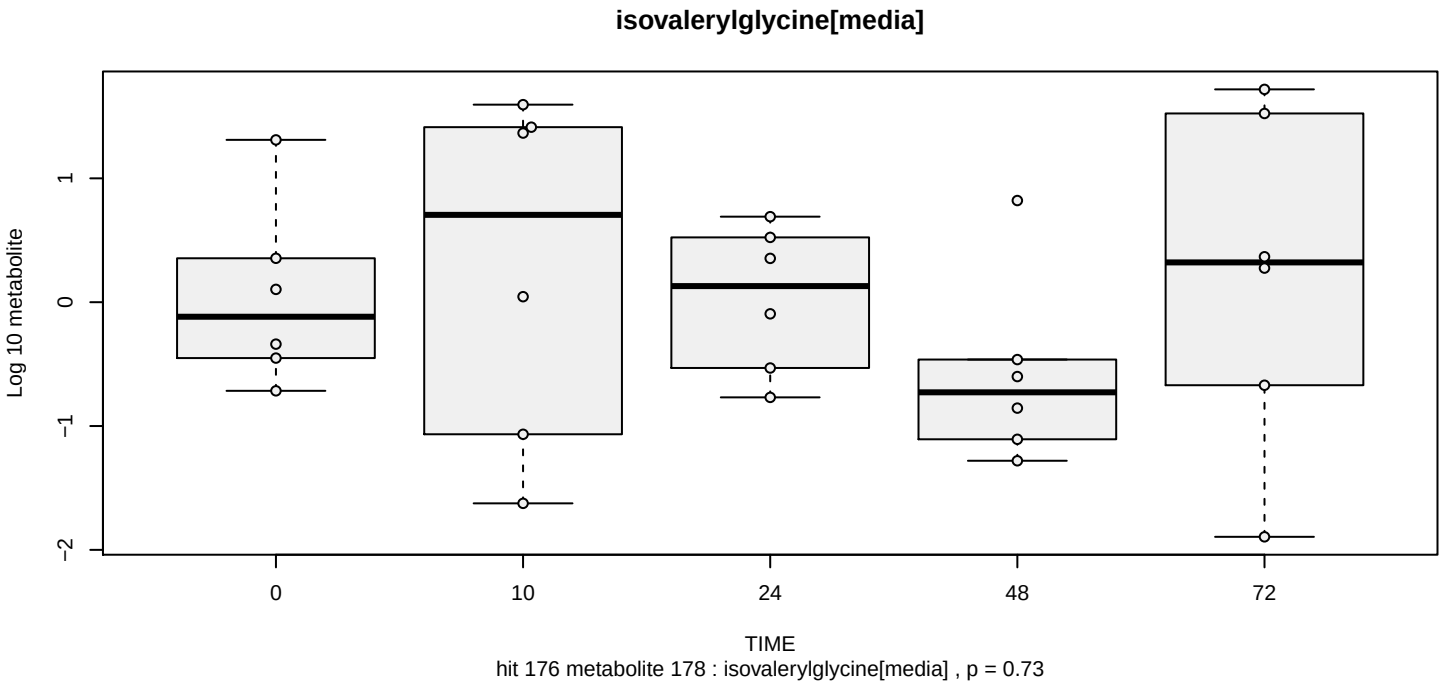
hit 173 metabolite 175 : isocitrate[media] , p = 0.15



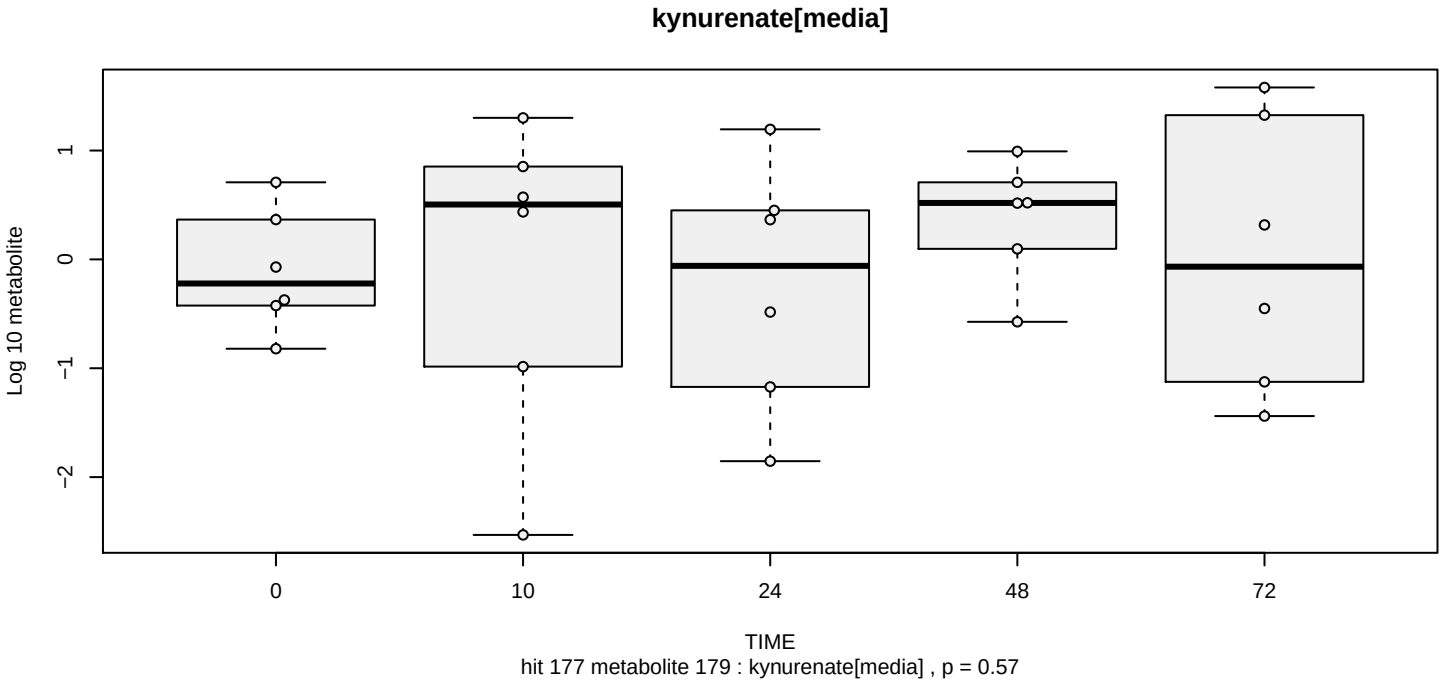
hit 174 metabolite 176 : isoleucine[media] , p = 7.1e−06



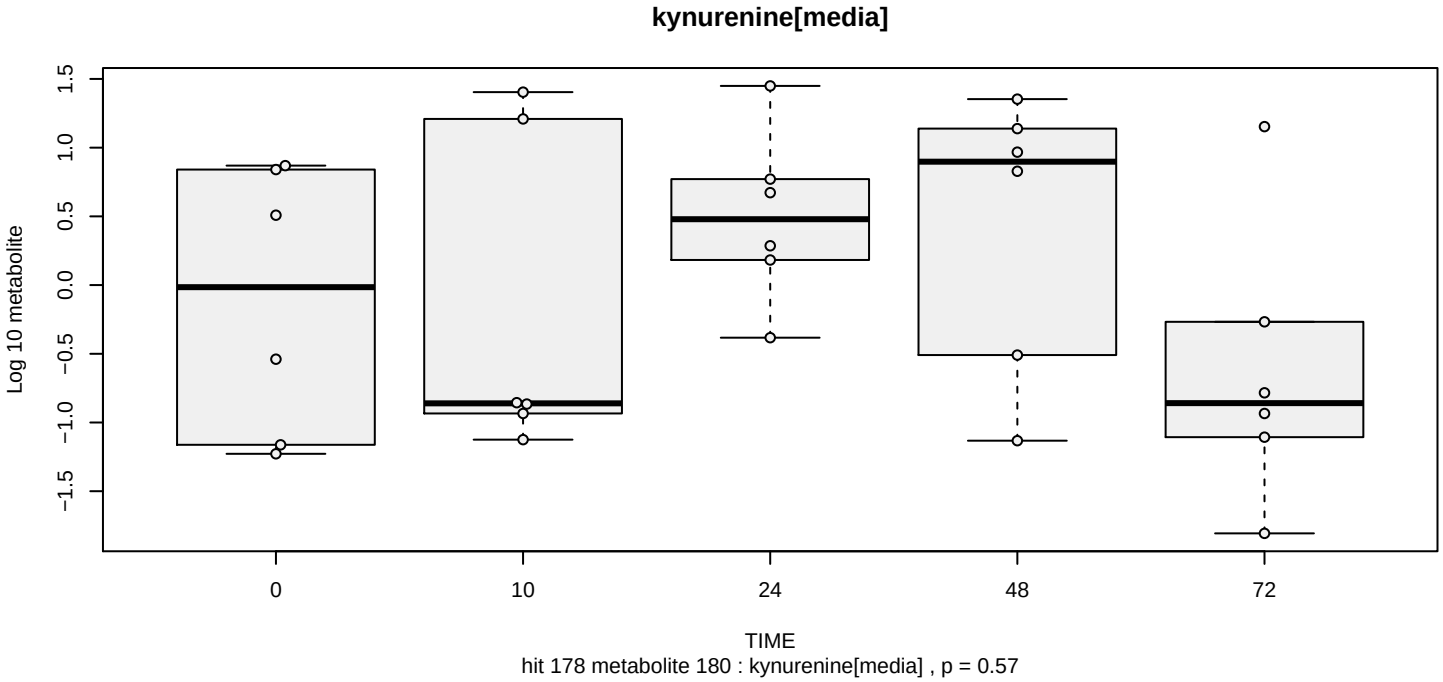
hit 175 metabolite 177 : isovalerate[media] , p = 9.8e−05



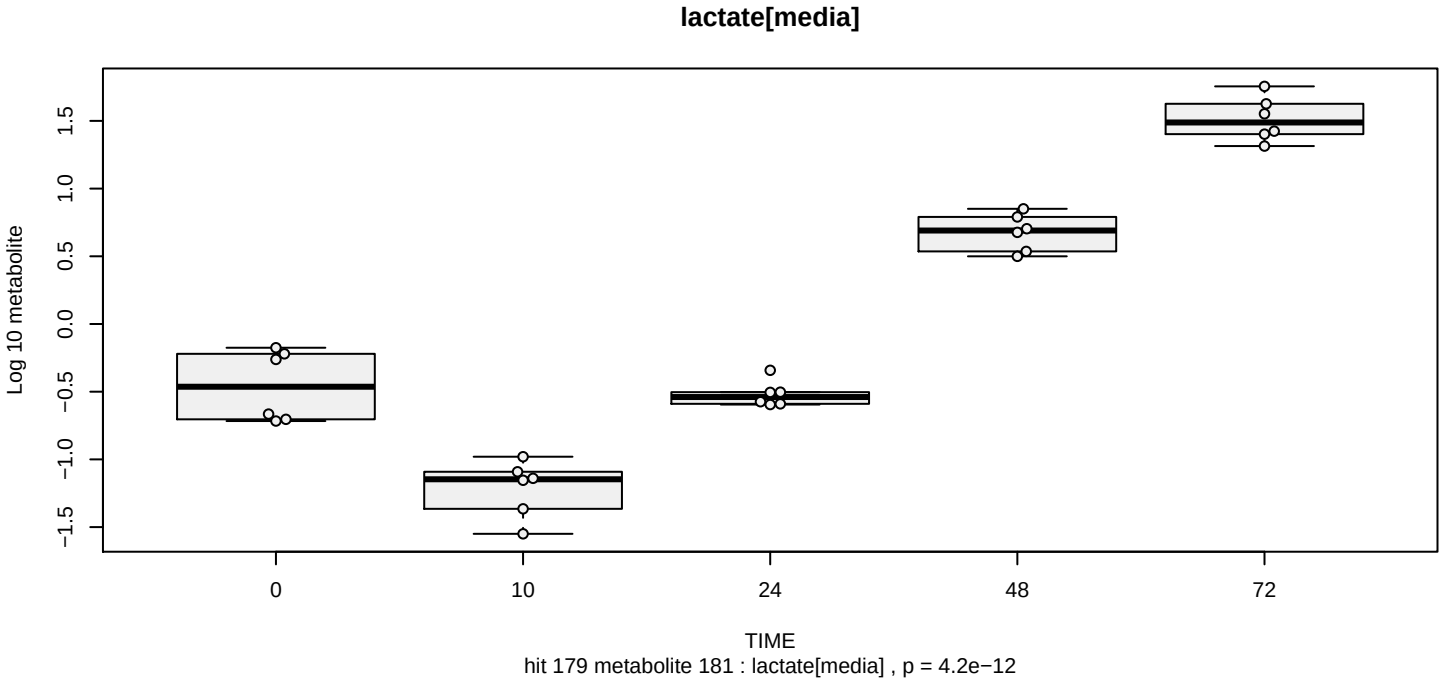
hit 176 metabolite 178 : isovalerylglycine[media] , p = 0.73



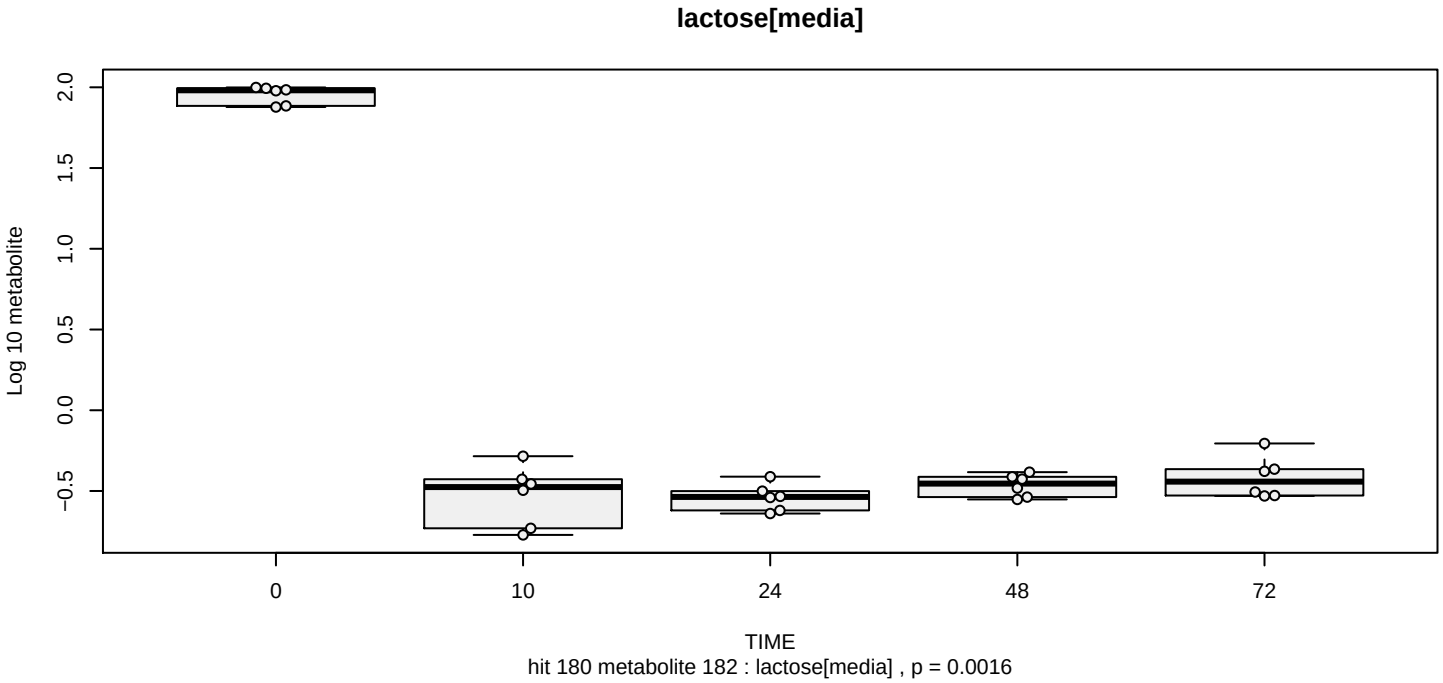
hit 177 metabolite 179 : kynurenate[media] , p = 0.57



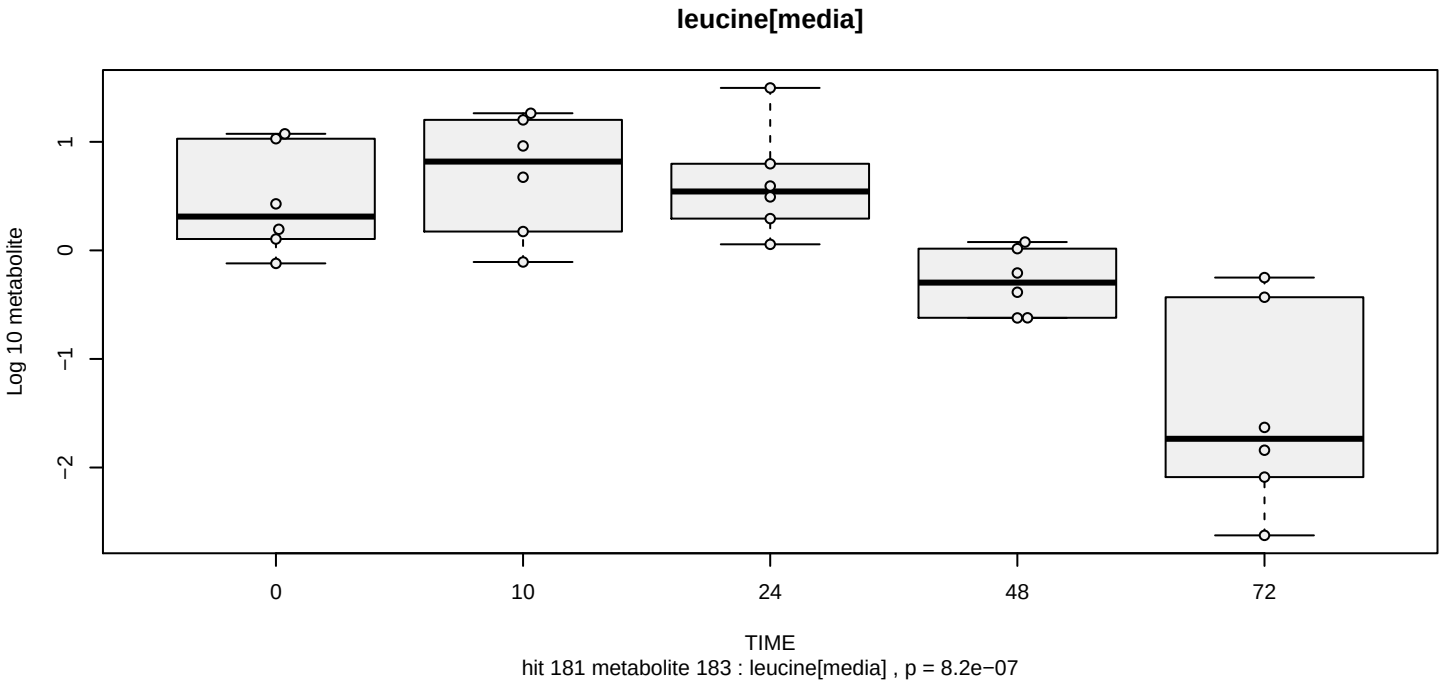
hit 178 metabolite 180 : kynurenine[media] , p = 0.57



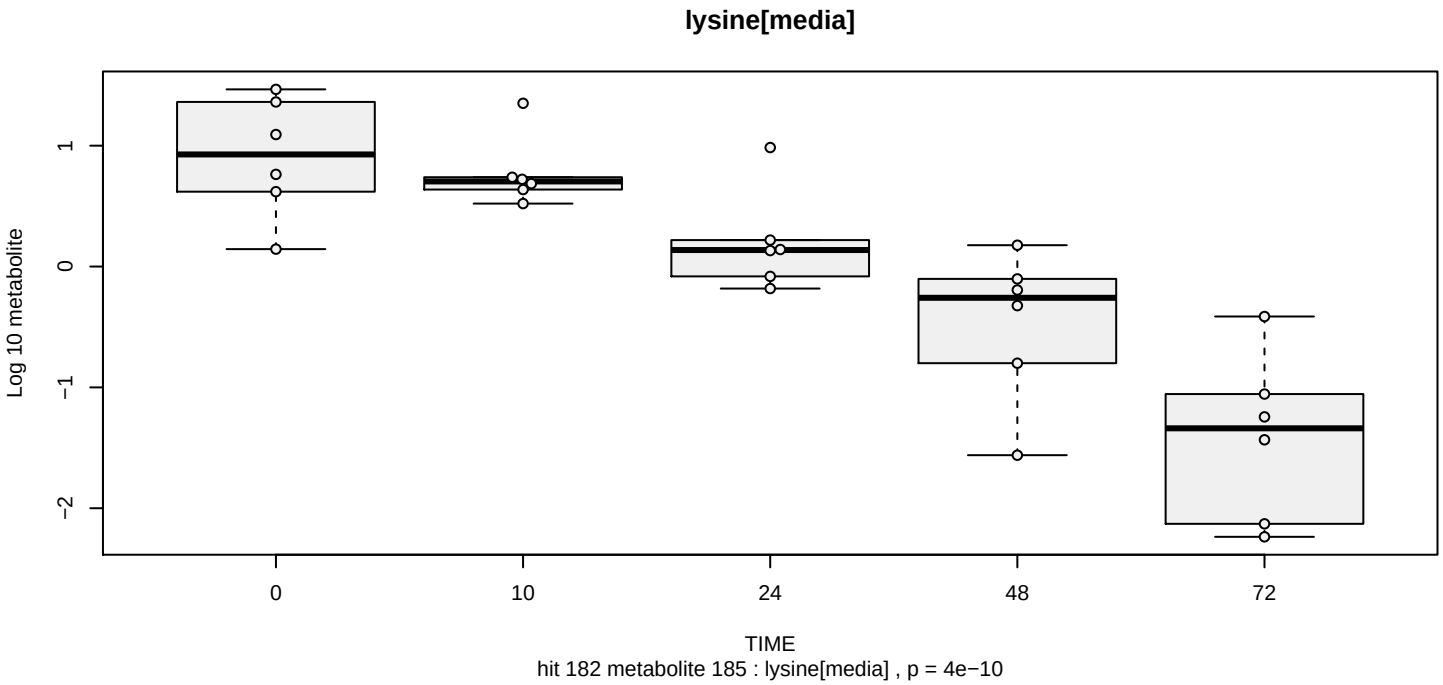
hit 179 metabolite 181 : lactate[media] , p = 4.2e−12



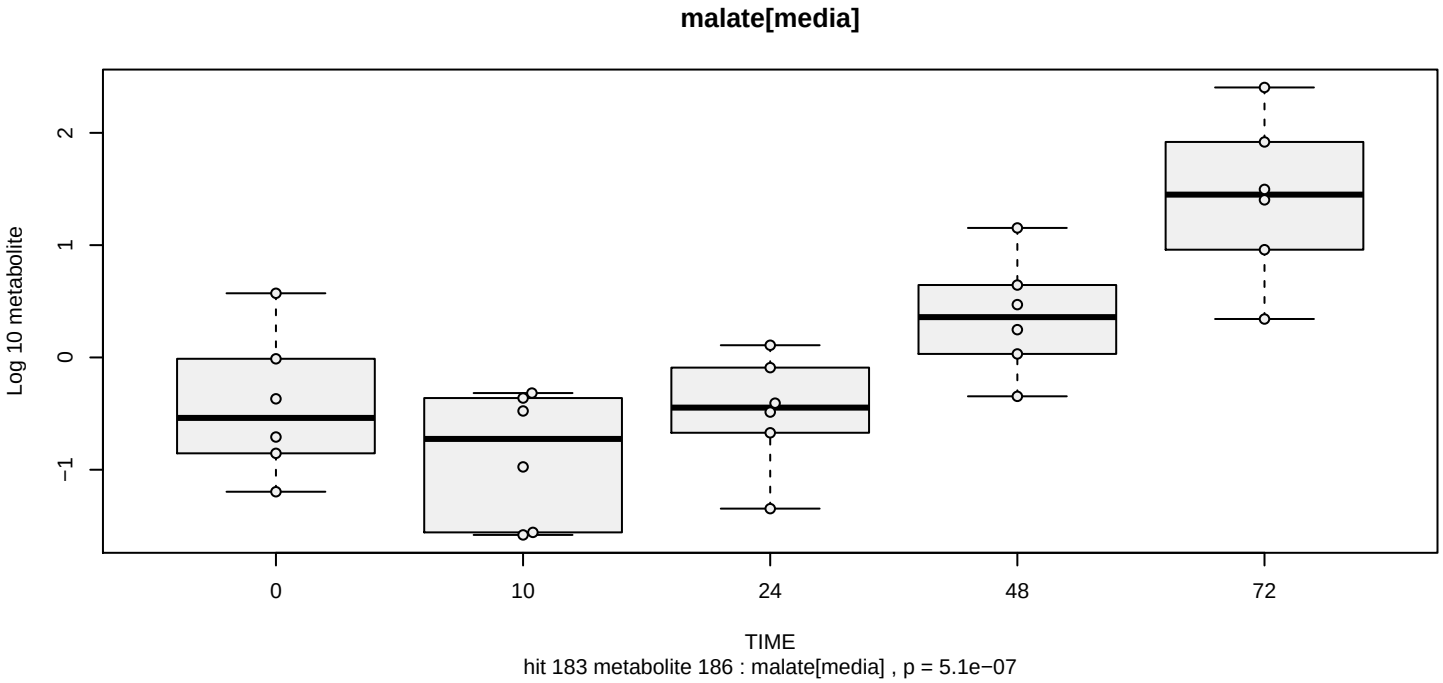
hit 180 metabolite 182 : lactose[media] , p = 0.0016



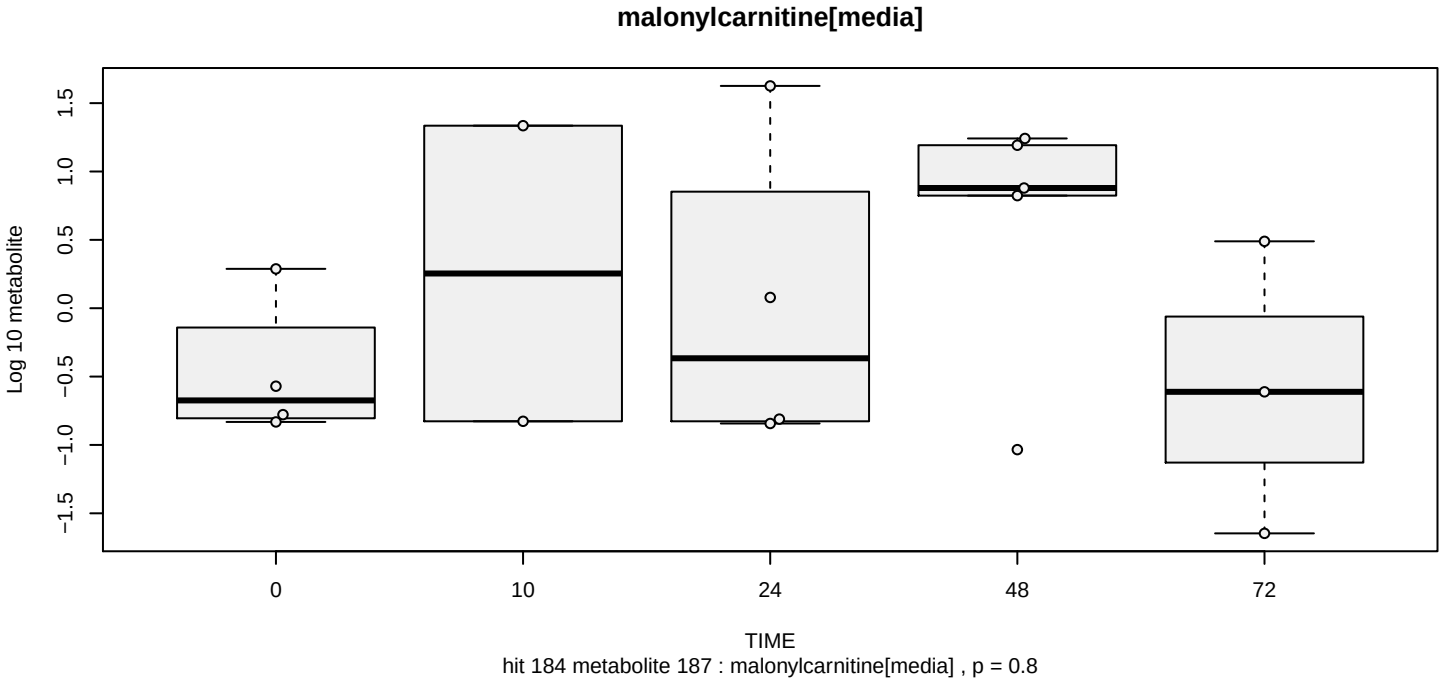
hit 181 metabolite 183 : leucine[media] , p = 8.2e−07



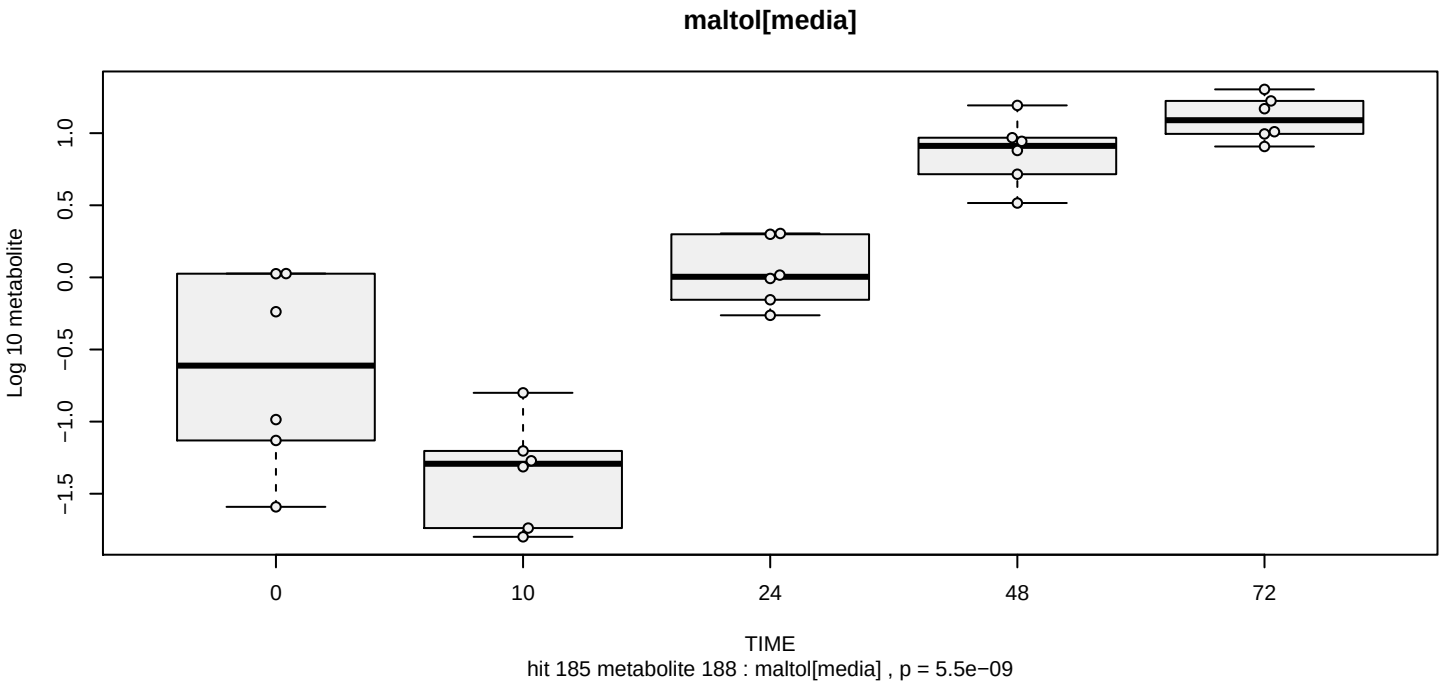
hit 182 metabolite 185 : lysine[media] , p = 4e−10



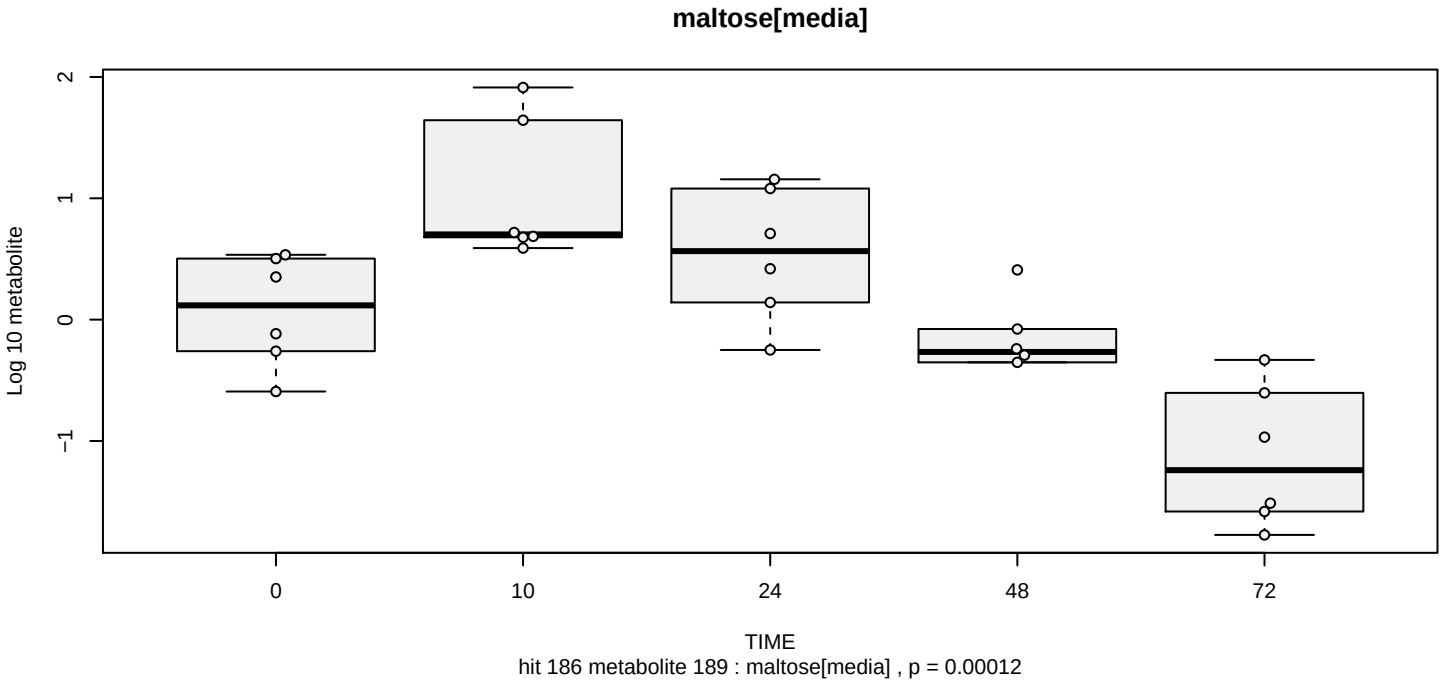
hit 183 metabolite 186 : malate[media] , p = 5.1e−07



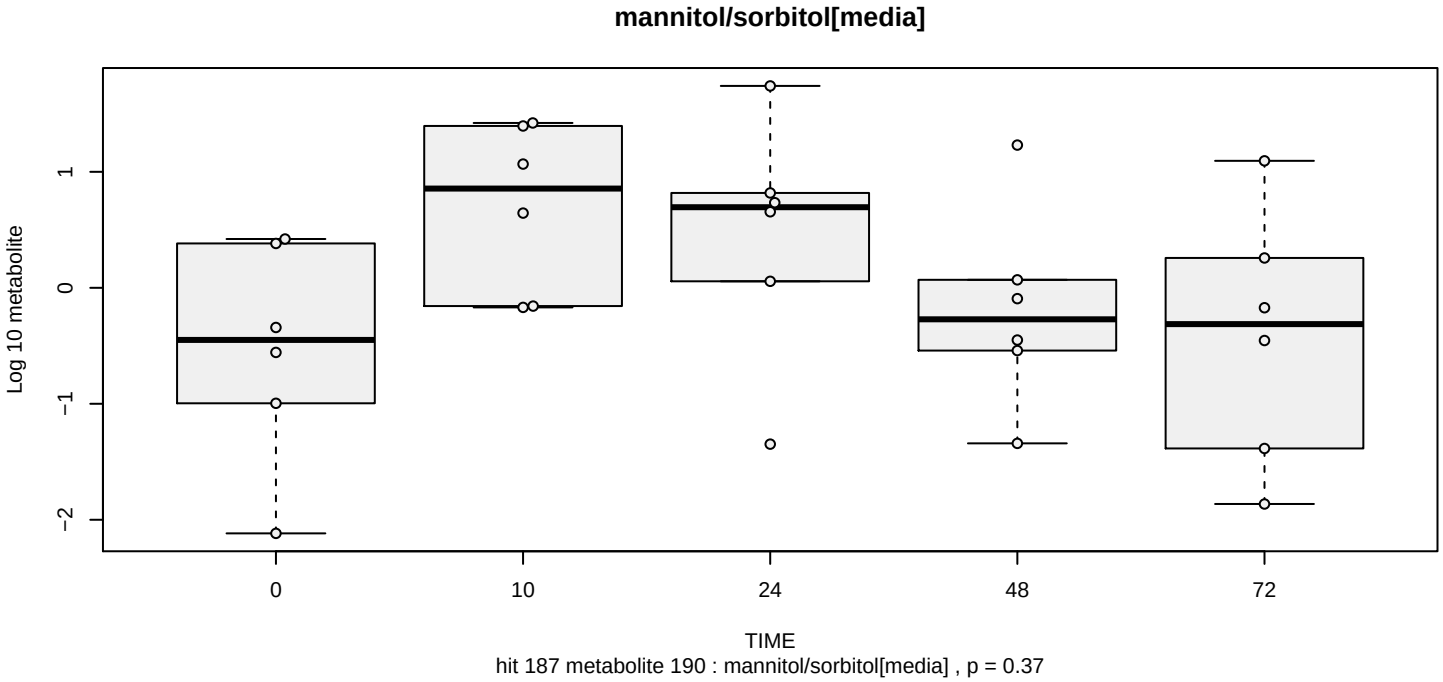
hit 184 metabolite 187 : malonylcarnitine[media] , p = 0.8



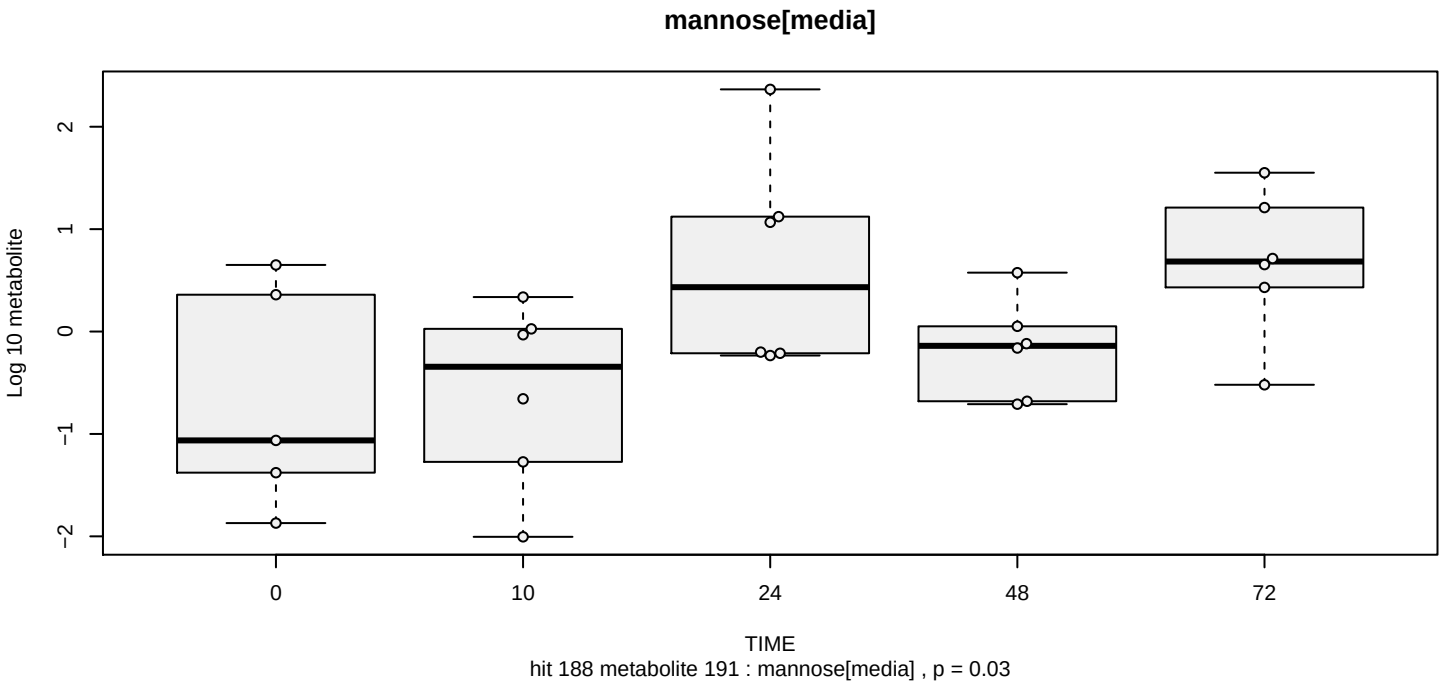
hit 185 metabolite 188 : maltol[media] , p = 5.5e−09



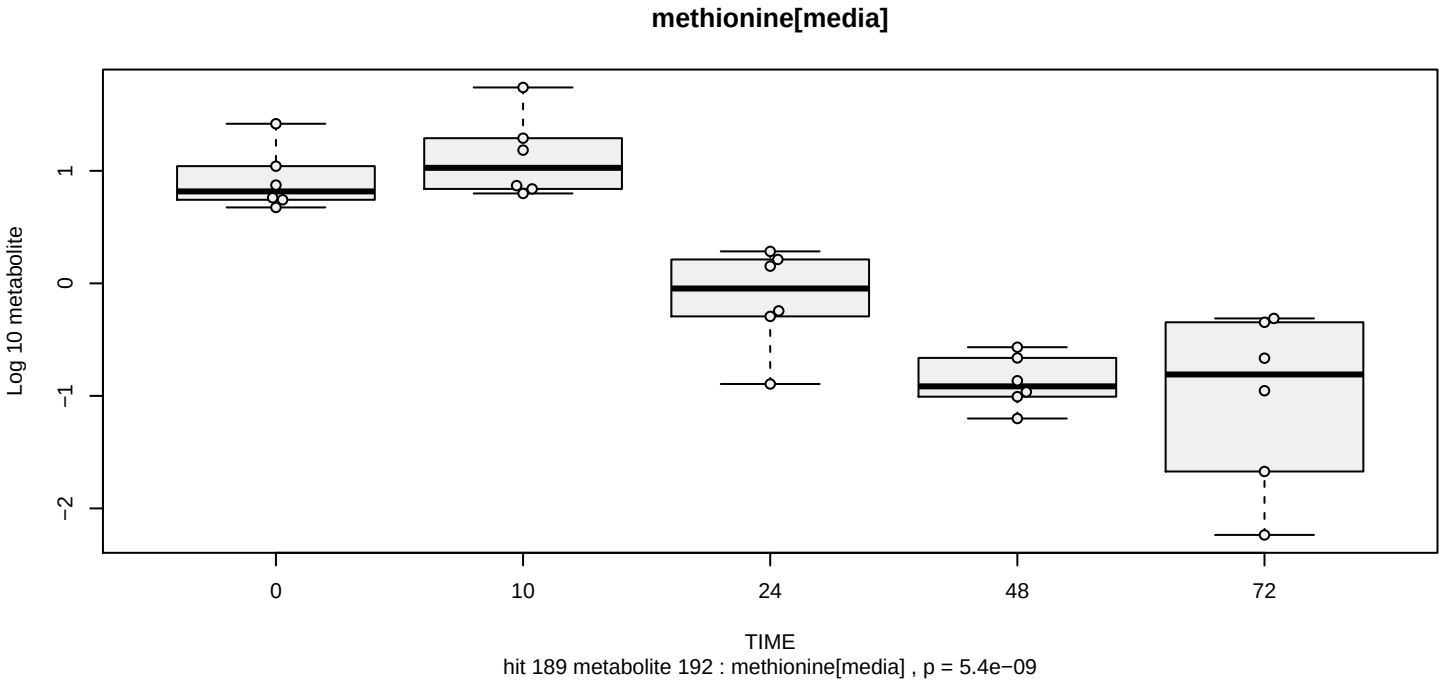
hit 186 metabolite 189 : maltose[media] , p = 0.00012



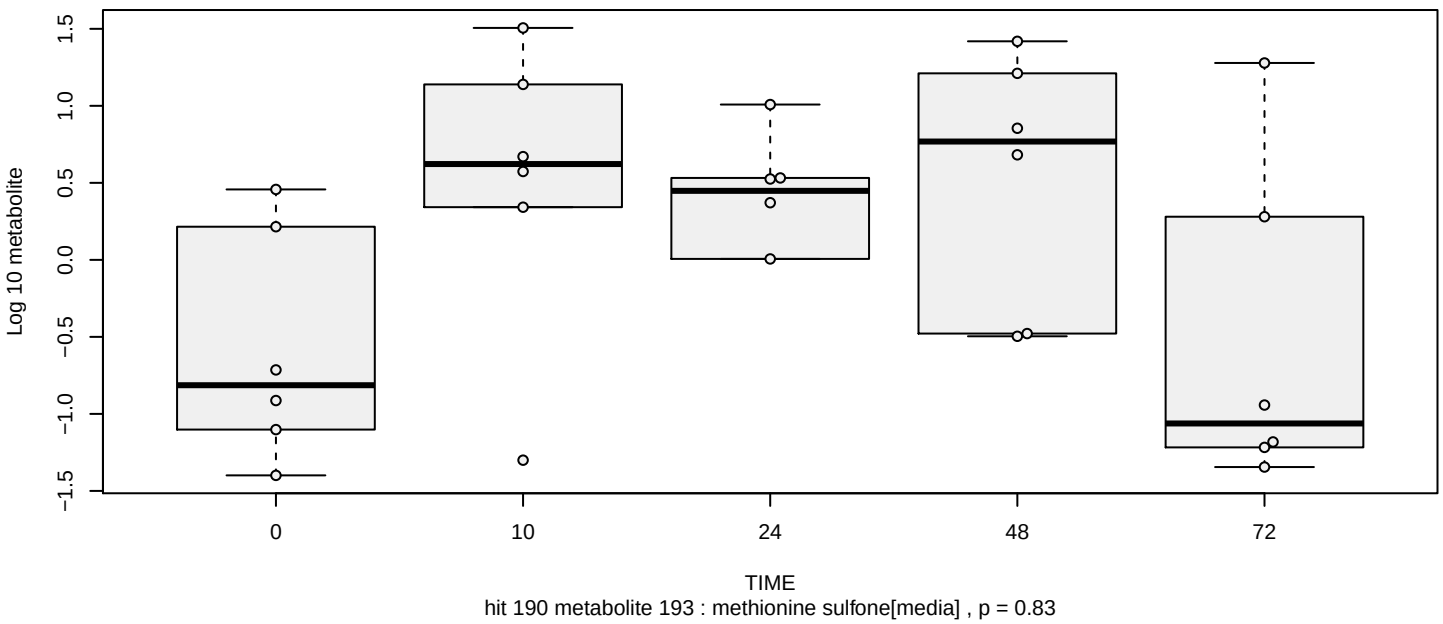
hit 187 metabolite 190 : mannitol/sorbitol[media] , p = 0.37



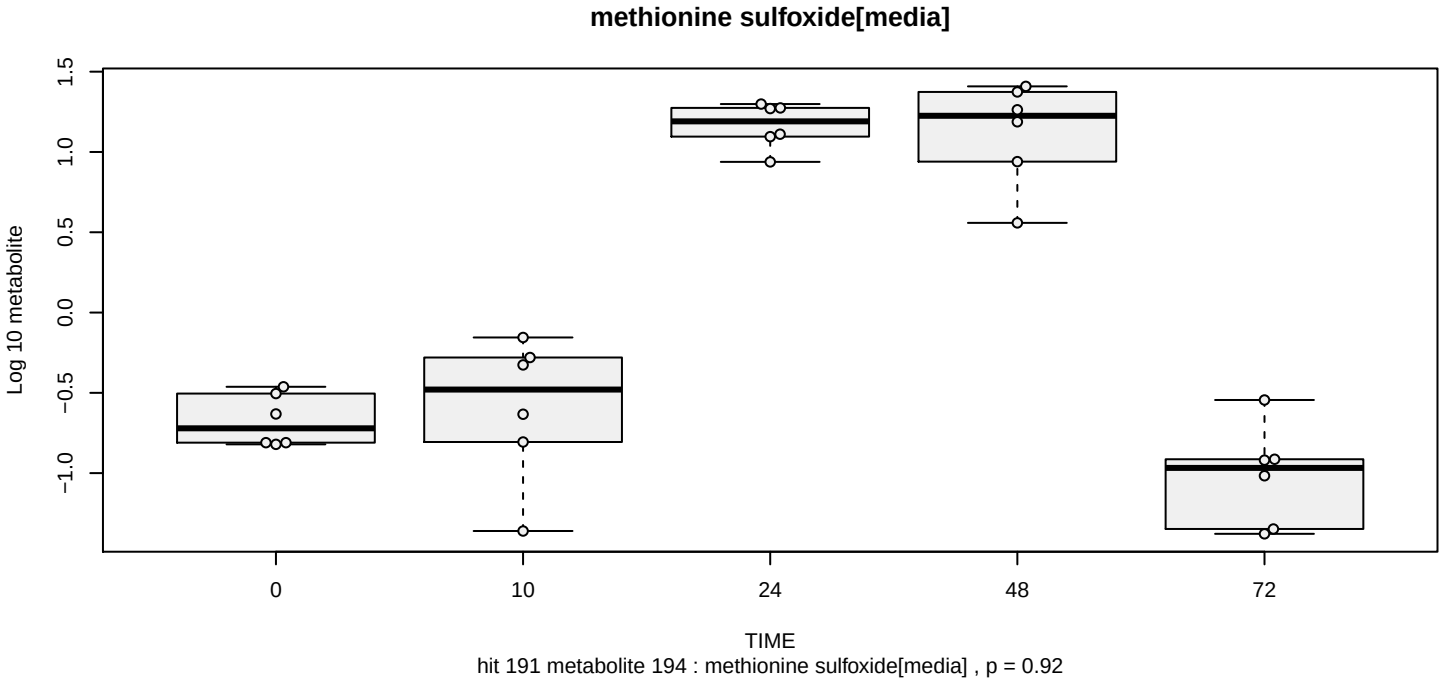
hit 188 metabolite 191 : mannose[media] , p = 0.03



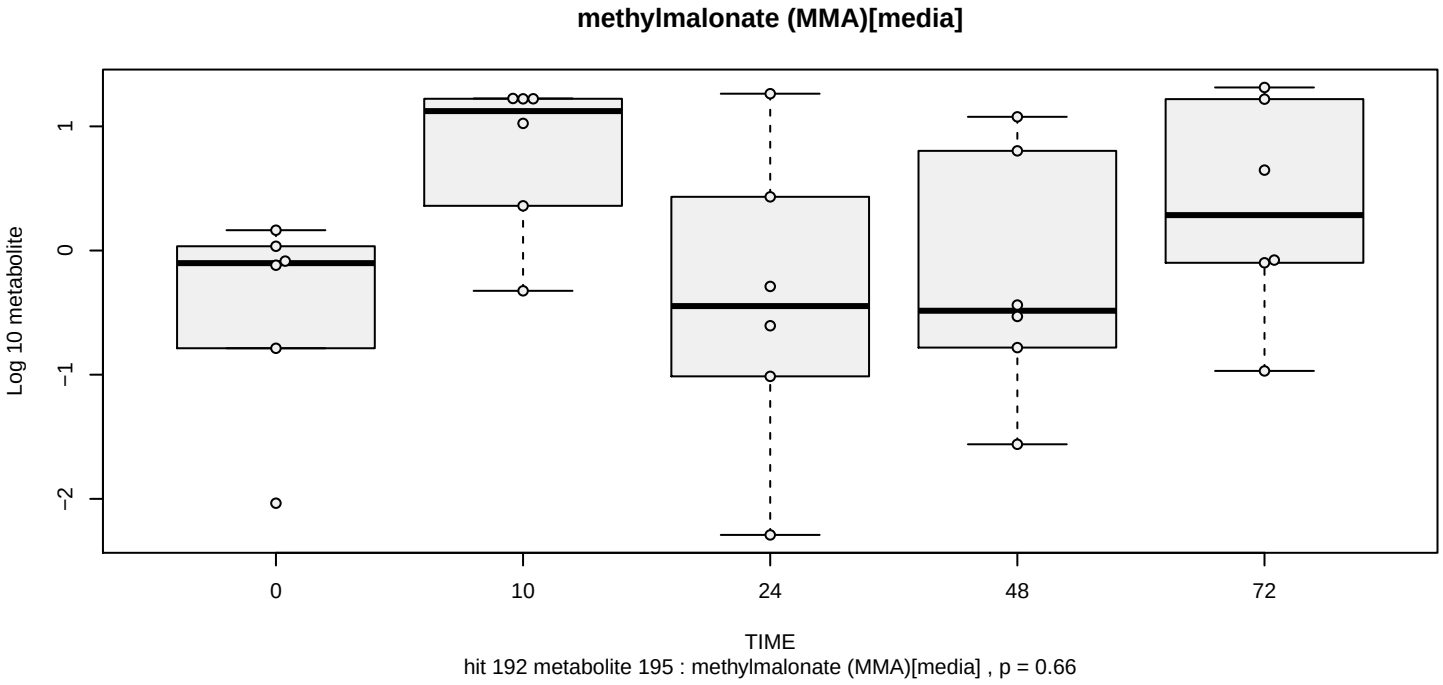
hit 189 metabolite 192 : methionine[media] , p = 5.4e−09



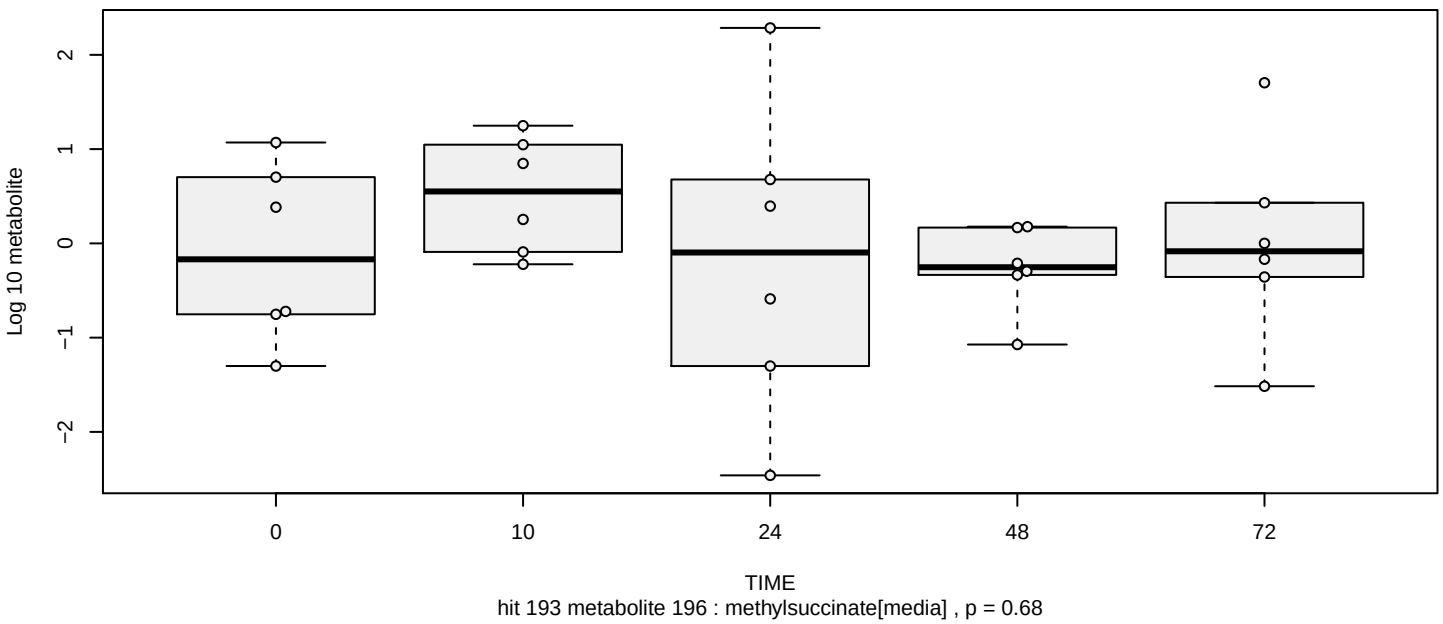
hit 190 metabolite 193 : methionine sulfone[media] , p = 0.83



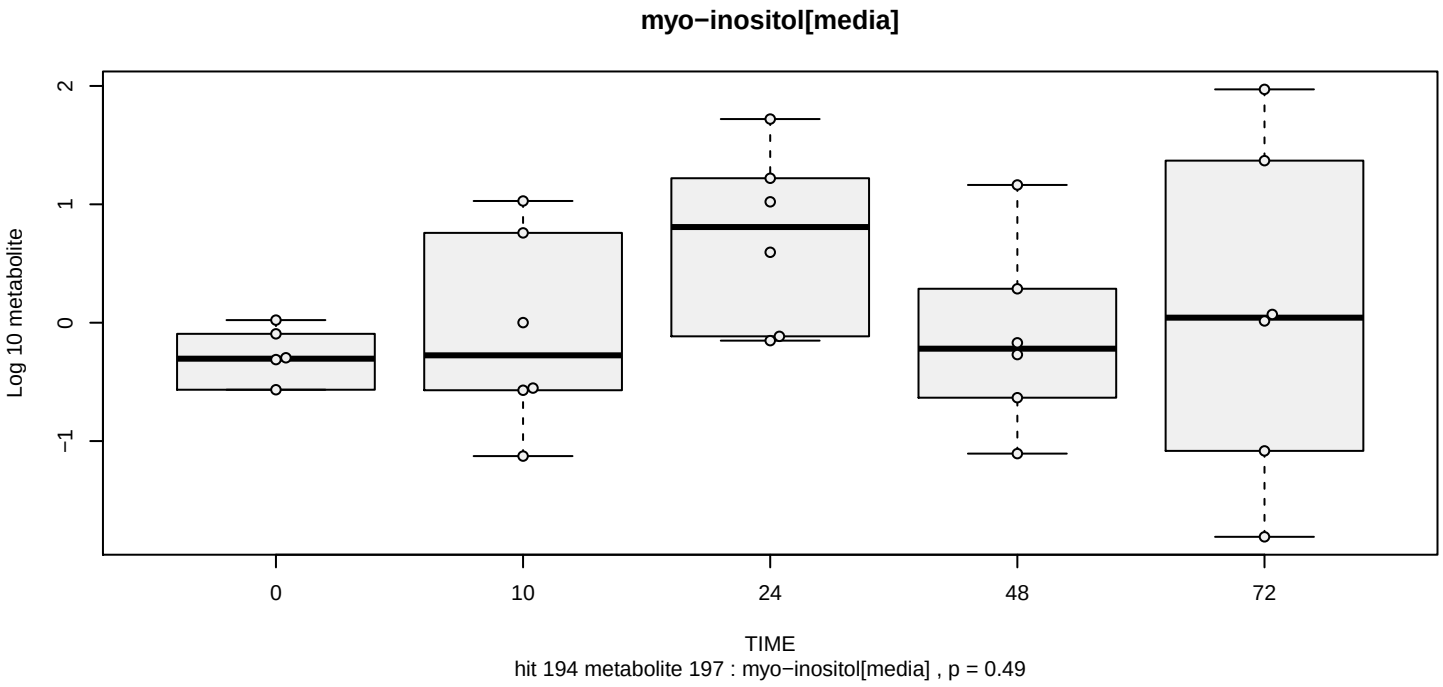
hit 191 metabolite 194 : methionine sulfoxide[media] , p = 0.92



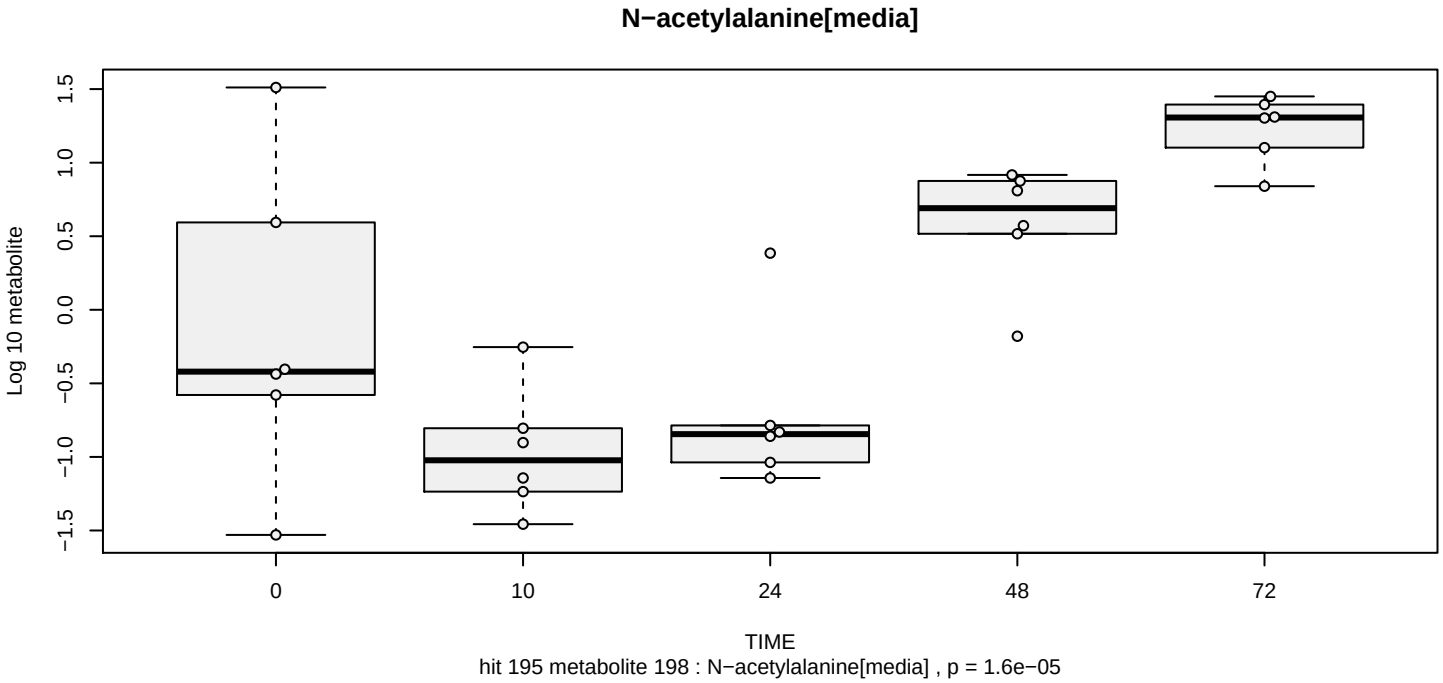
hit 192 metabolite 195 : methylmalonate (MMA)[media] , p = 0.66



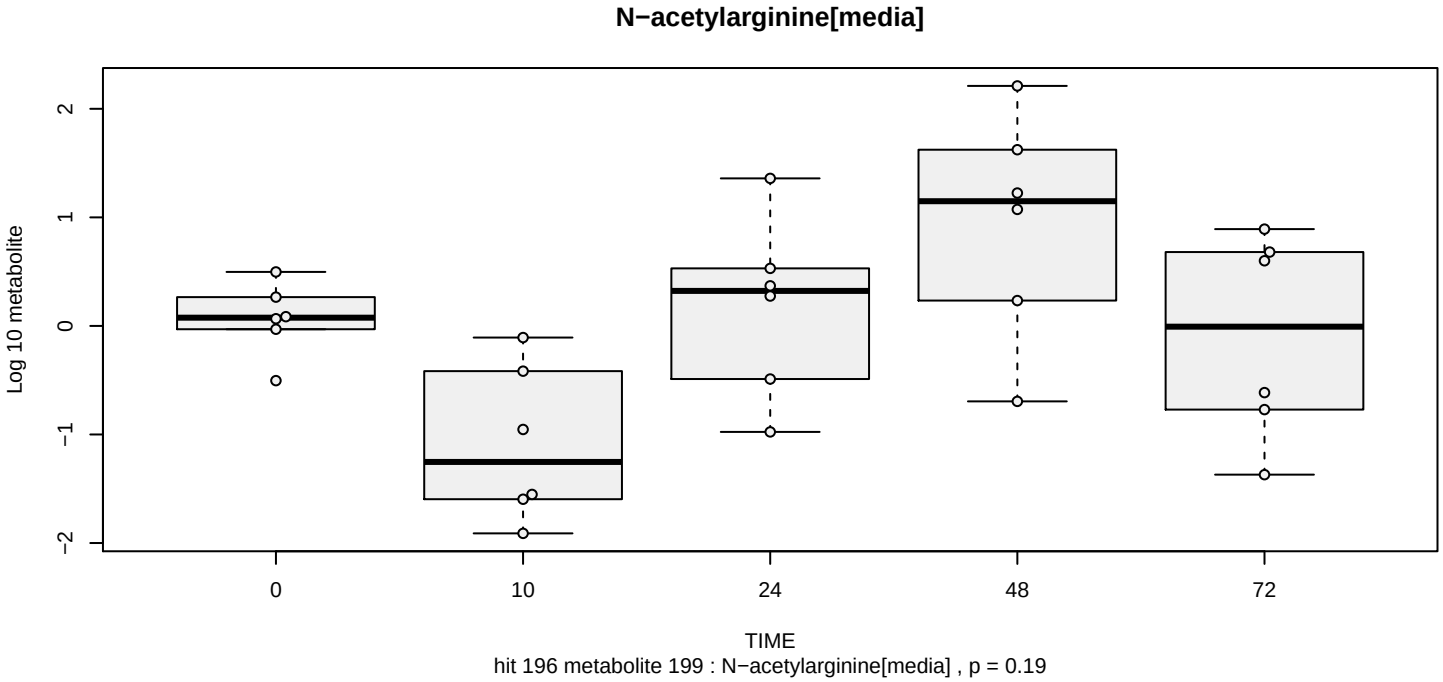
hit 193 metabolite 196 : methylsuccinate[media] , p = 0.68



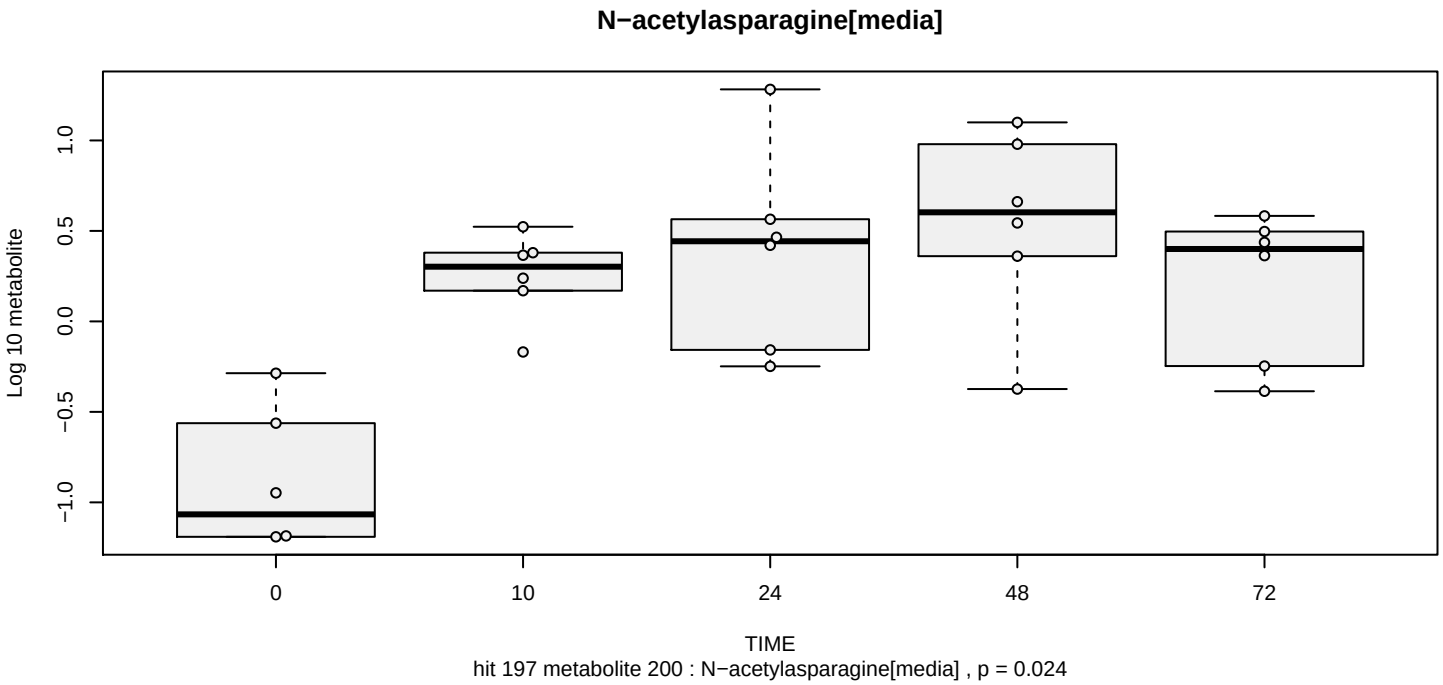
hit 194 metabolite 197 : myo−inositol[media] , p = 0.49



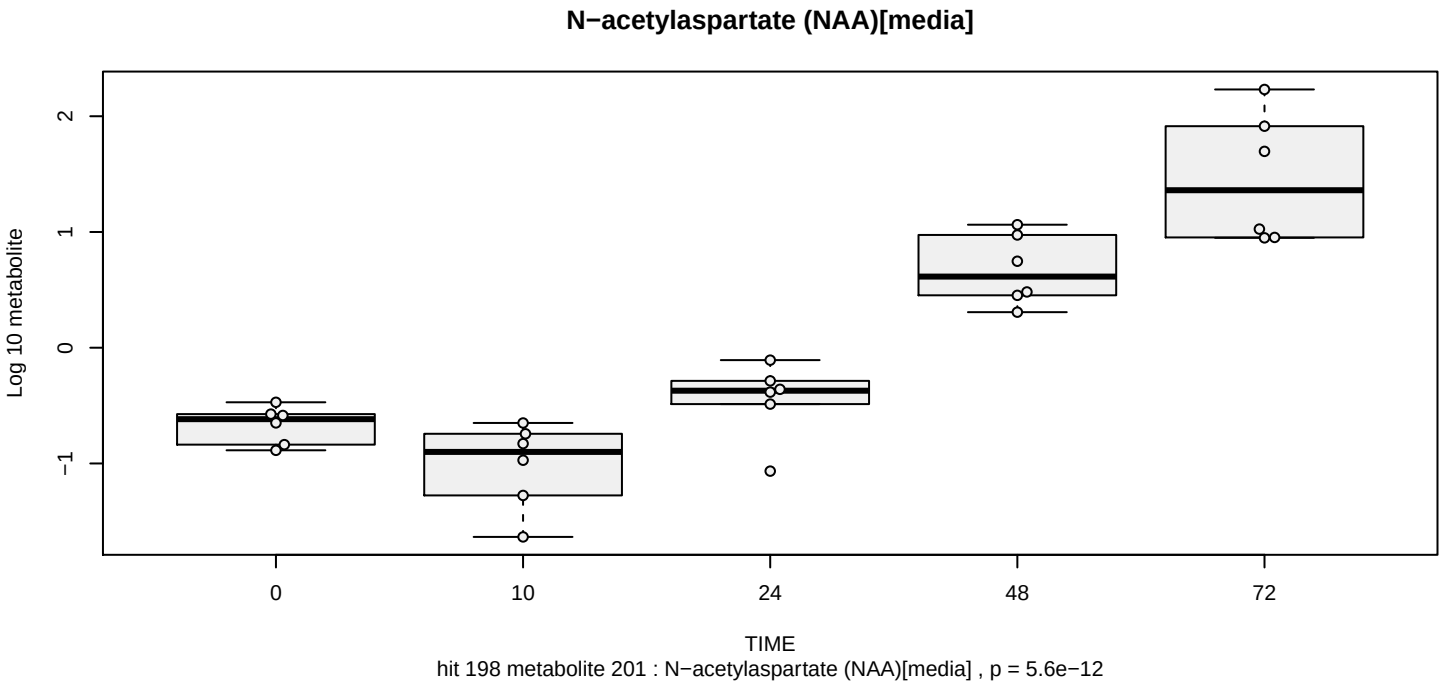
hit 195 metabolite 198 : N−acetylalanine[media] , p = 1.6e−05



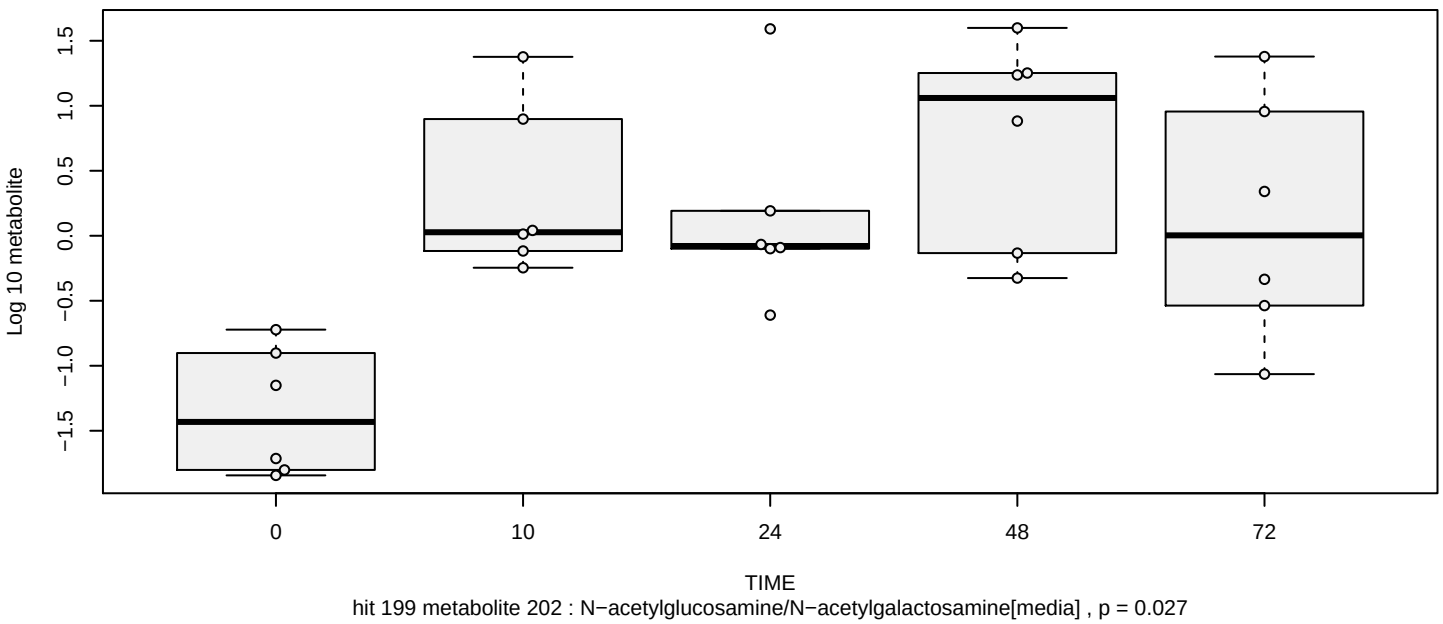
hit 196 metabolite 199 : N−acetylarginine[media] , p = 0.19



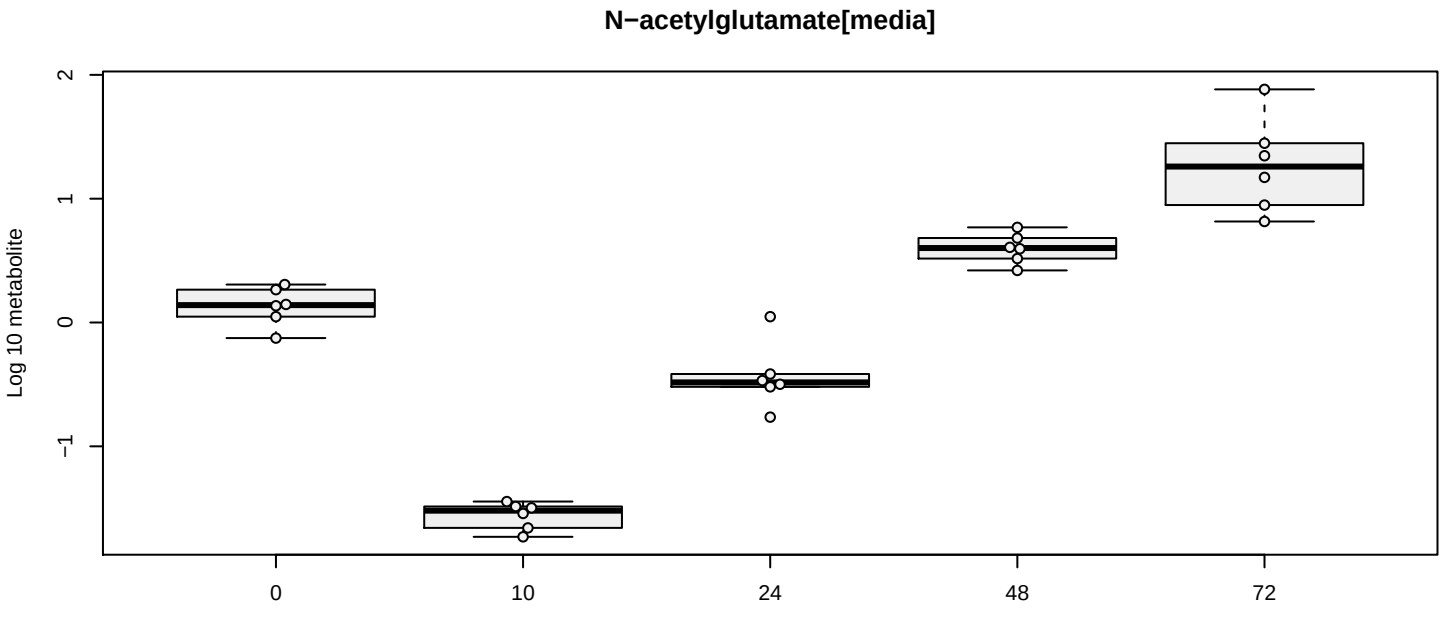
hit 197 metabolite 200 : N−acetylasparagine[media] , p = 0.024



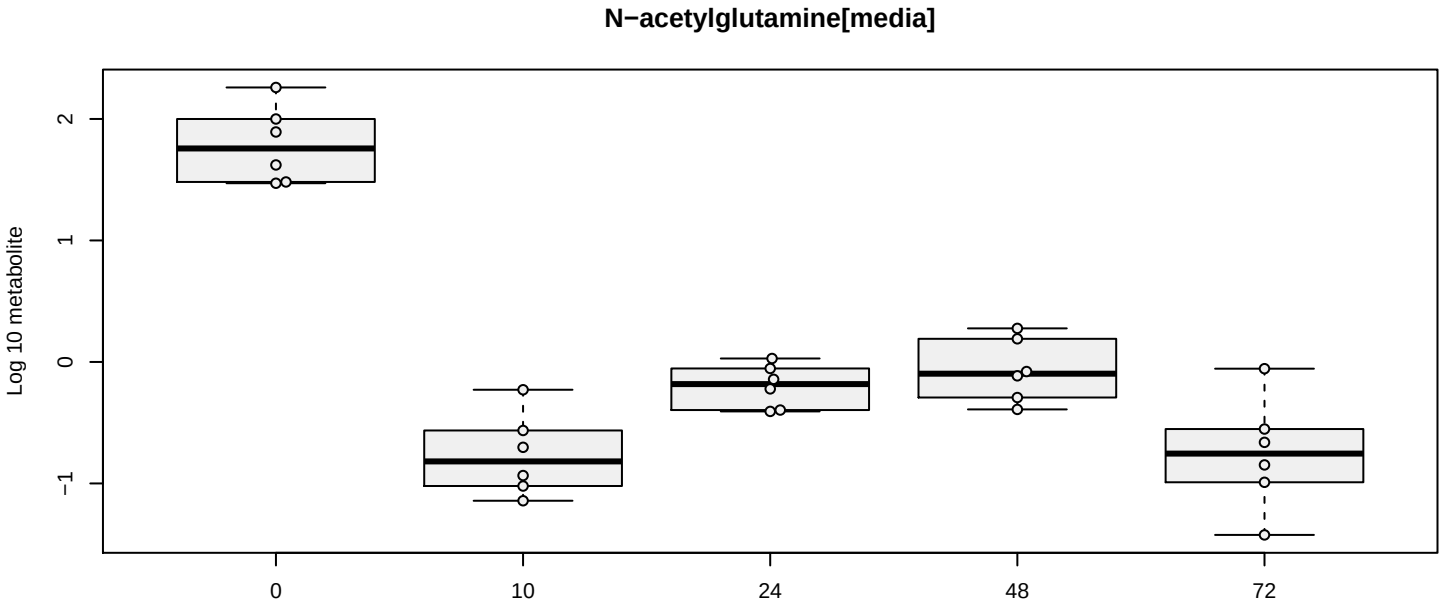
hit 198 metabolite 201 : N−acetylaspartate (NAA)[media] , p = 5.6e−12



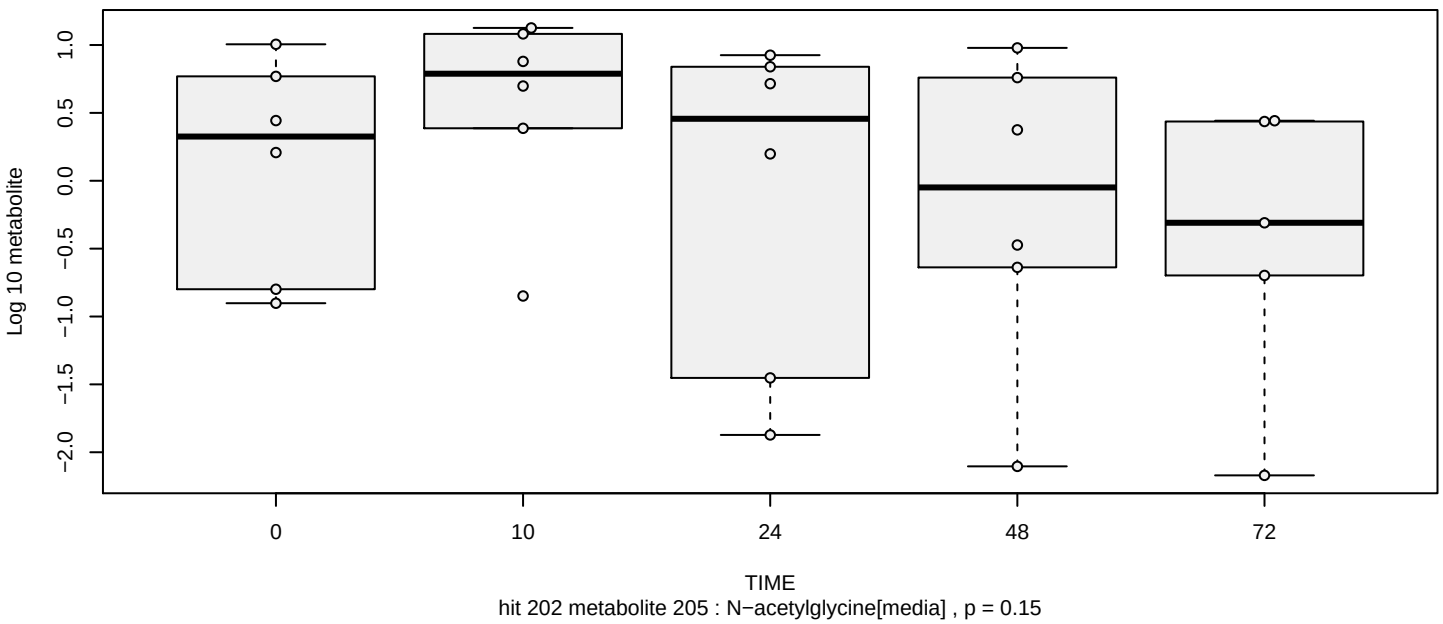
hit 199 metabolite 202 : N−acetylglucosamine/N−acetylgalactosamine[media] , p = 0.027



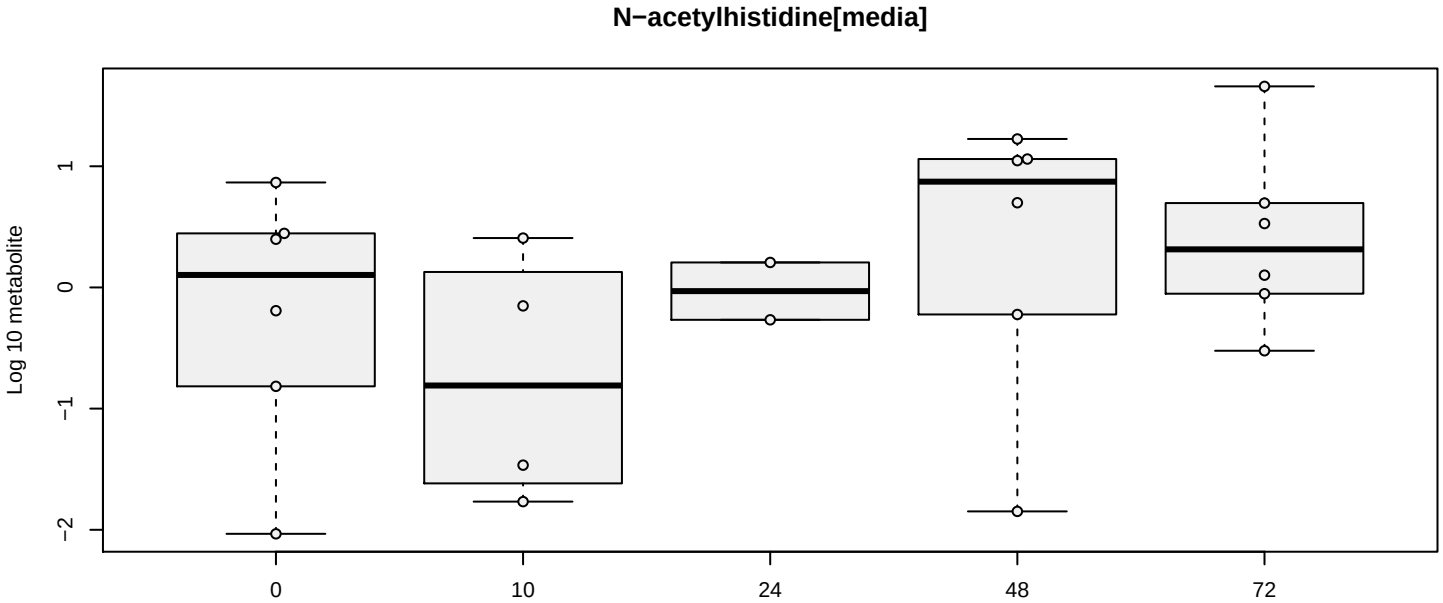
hit 200 metabolite 203 : N−acetylglutamate[media] , p = 4.4e−06



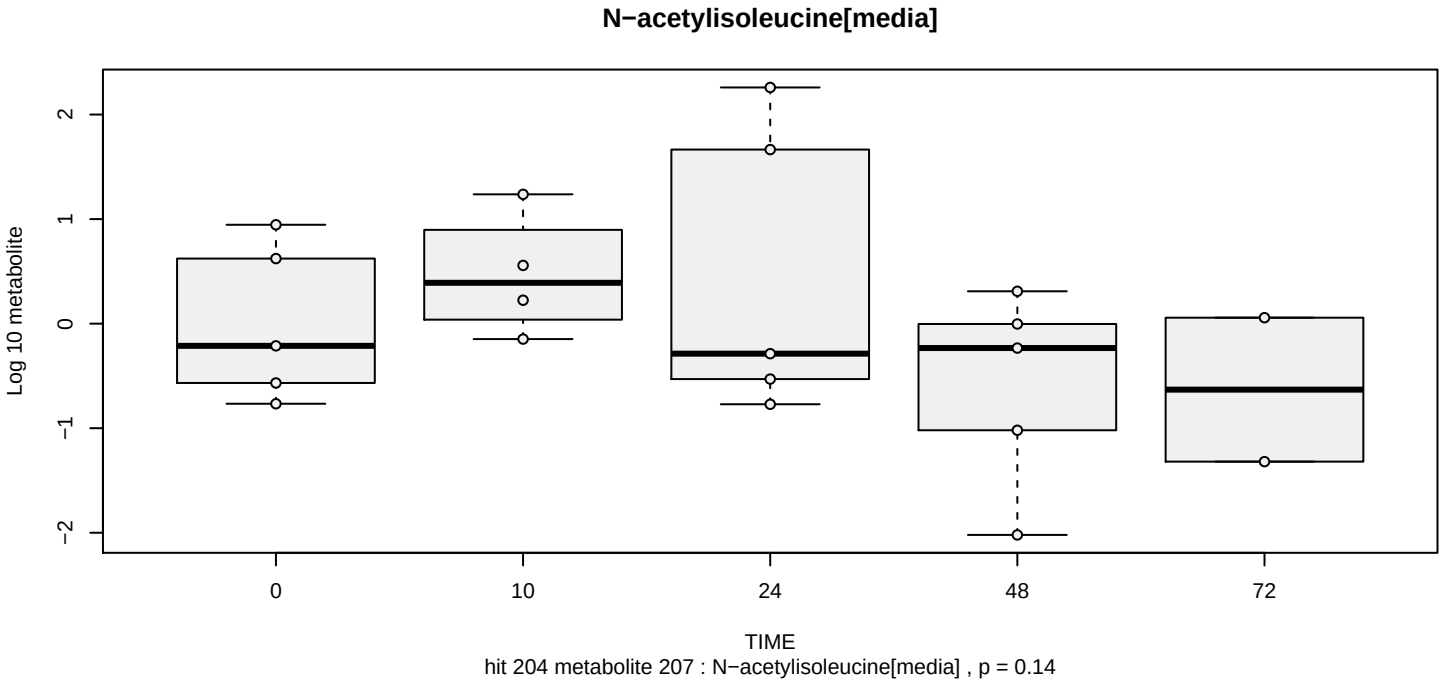
hit 201 metabolite 204 : N−acetylglutamine[media] , p = 0.0018



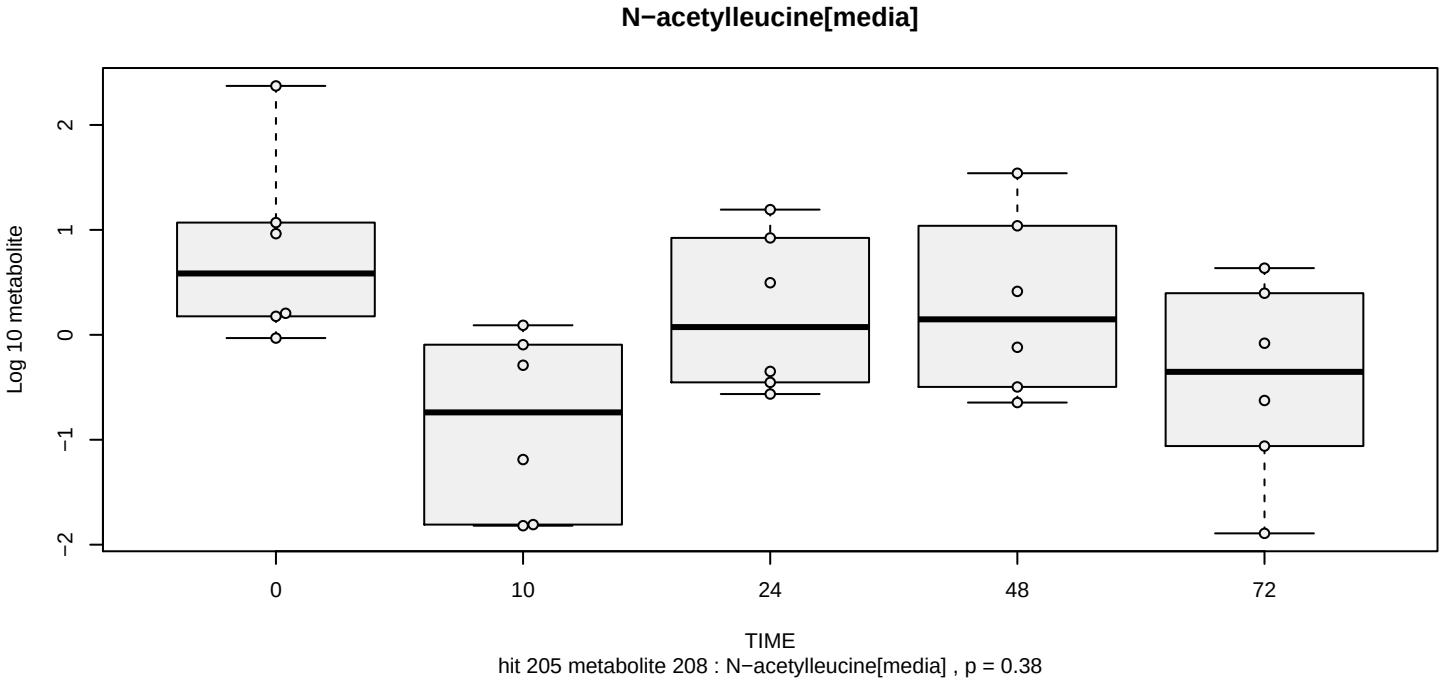
hit 202 metabolite 205 : N−acetylglycine[media] , p = 0.15



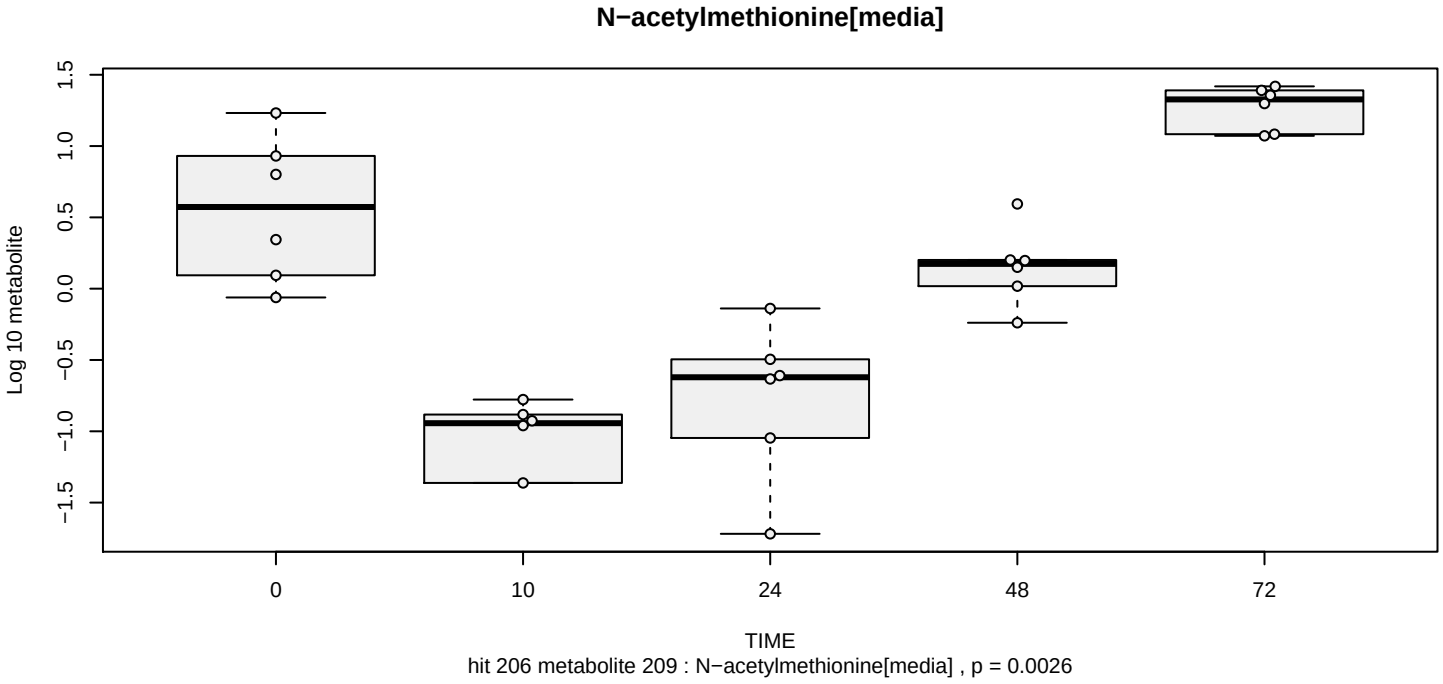
hit 203 metabolite 206 : N−acetylhistidine[media] , p = 0.089



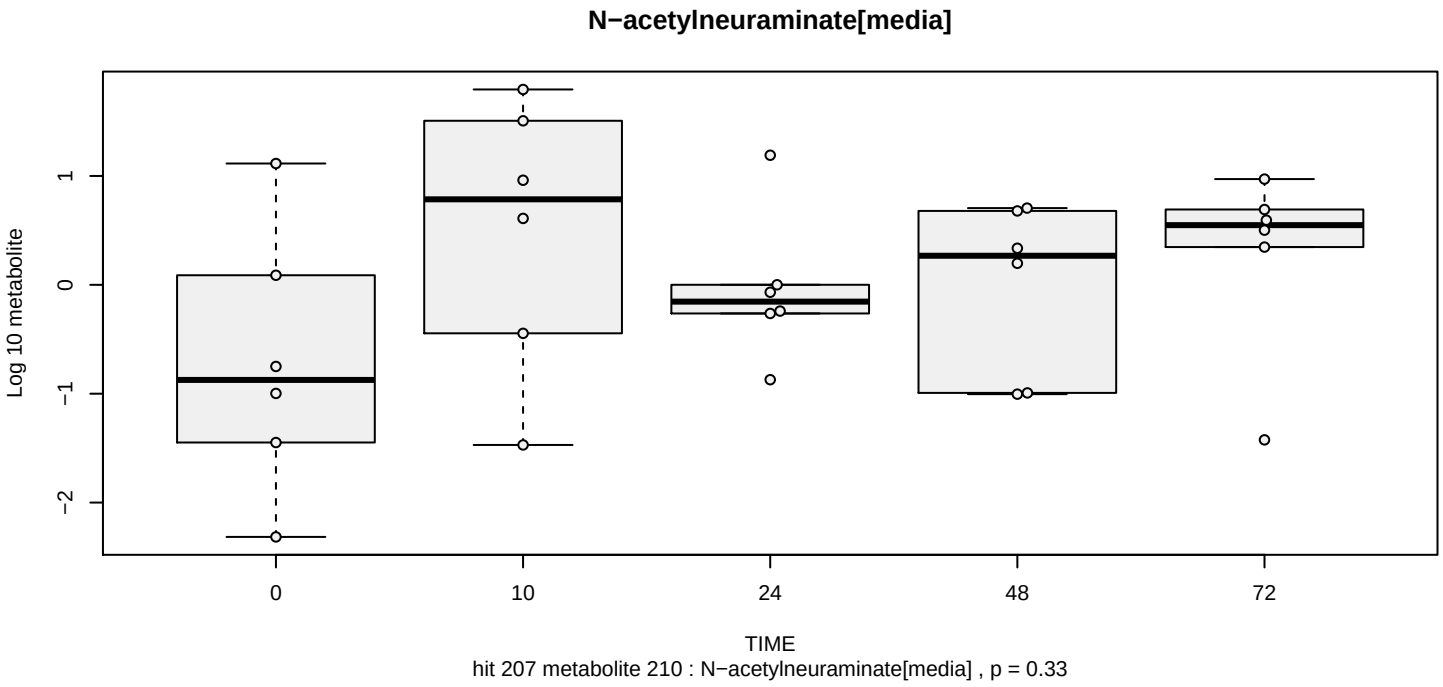
hit 204 metabolite 207 : N−acetylisoleucine[media] , p = 0.14



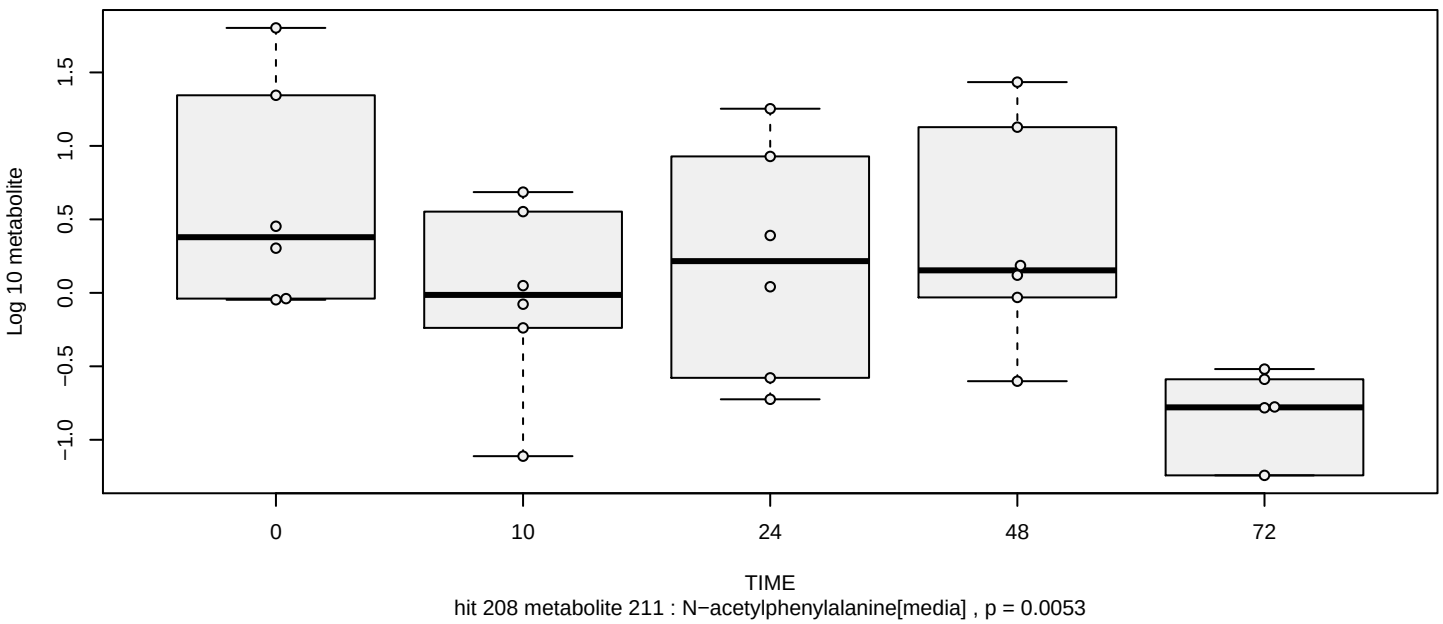
hit 205 metabolite 208 : N−acetylleucine[media] , p = 0.38



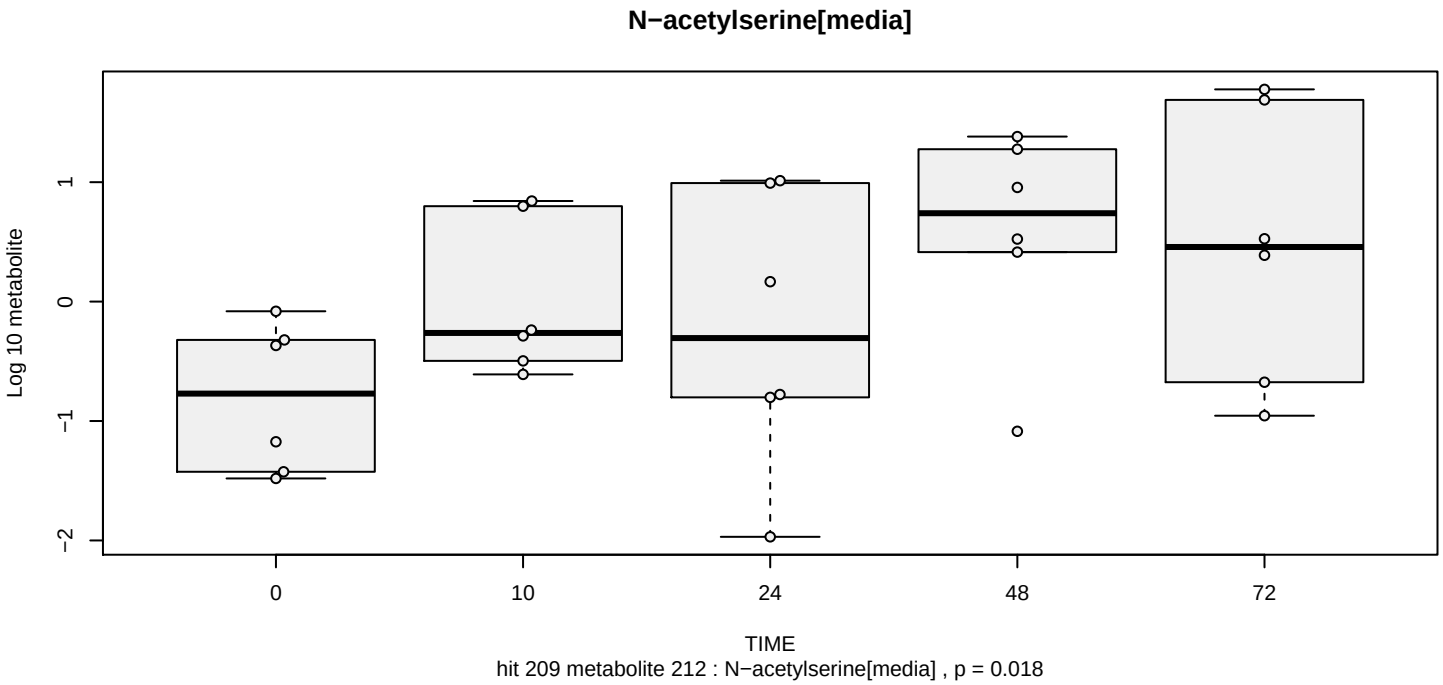
hit 206 metabolite 209 : N−acetylmethionine[media] , p = 0.0026



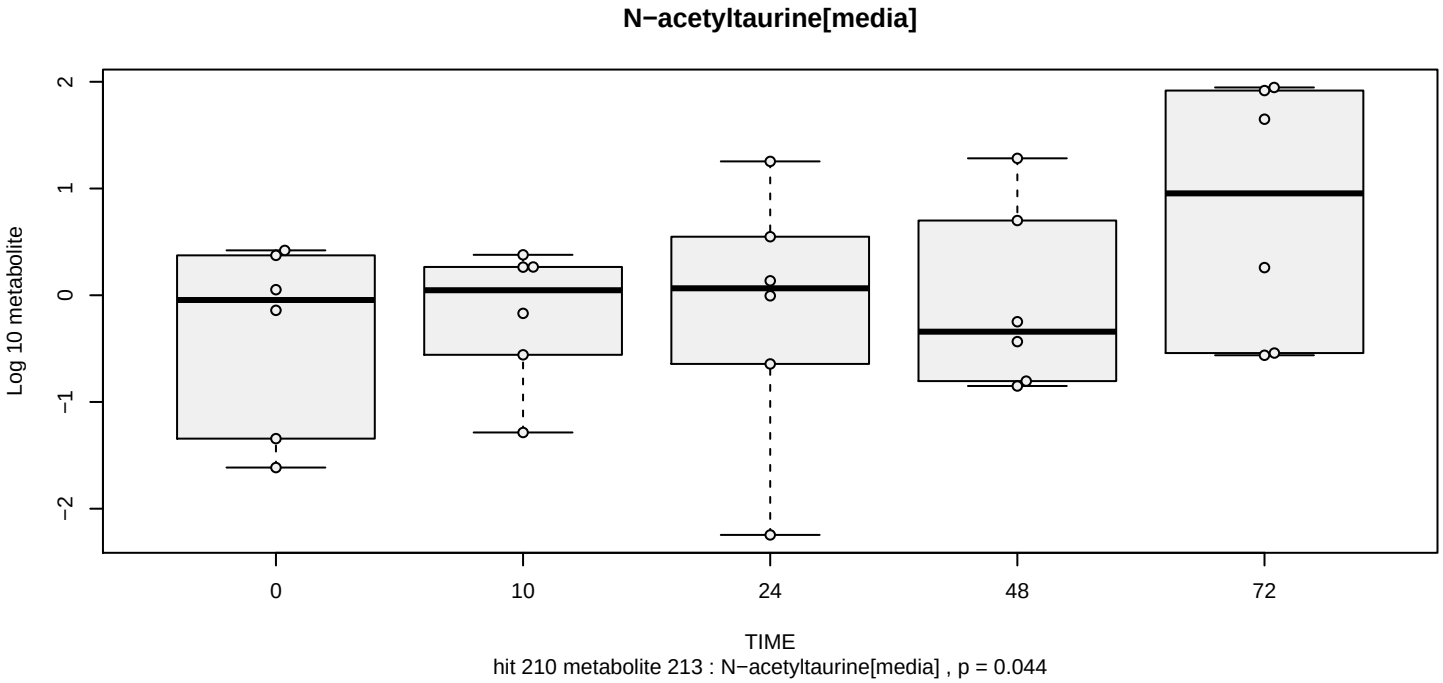
hit 207 metabolite 210 : N−acetylneuraminate[media] , p = 0.33



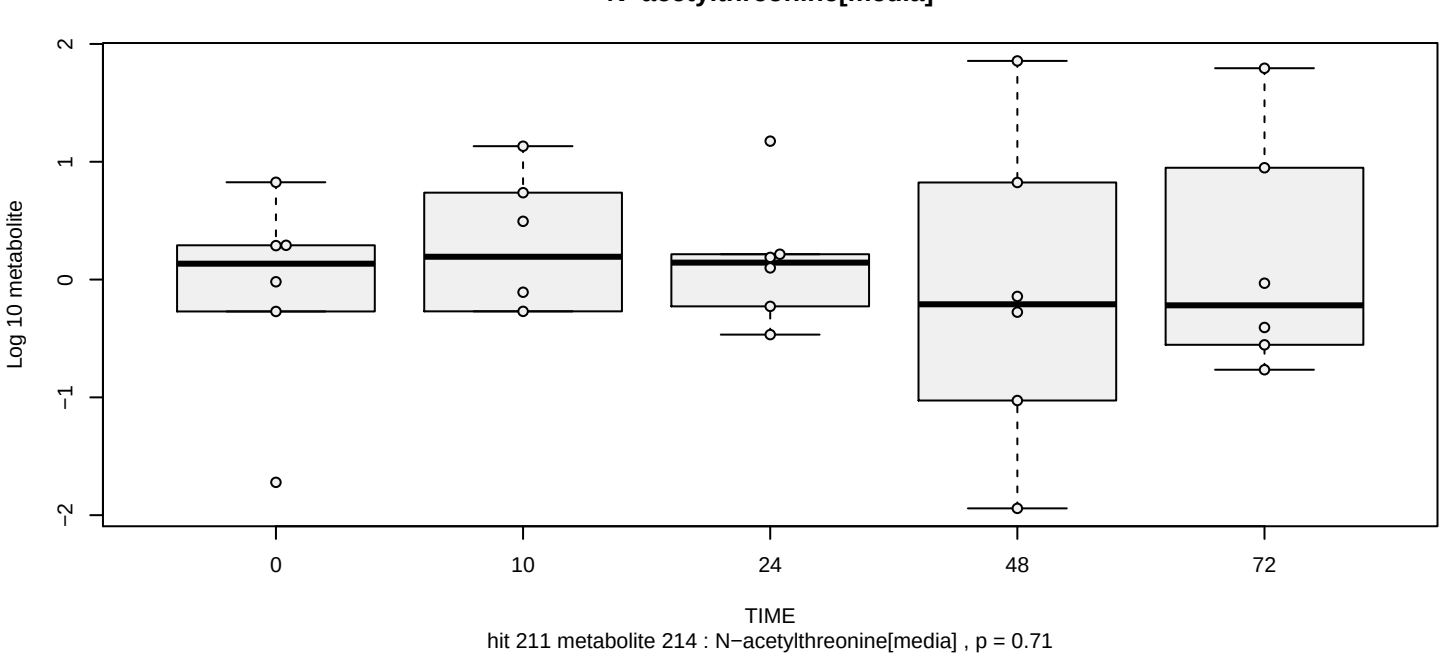
hit 208 metabolite 211 : N−acetylphenylalanine[media] , p = 0.0053



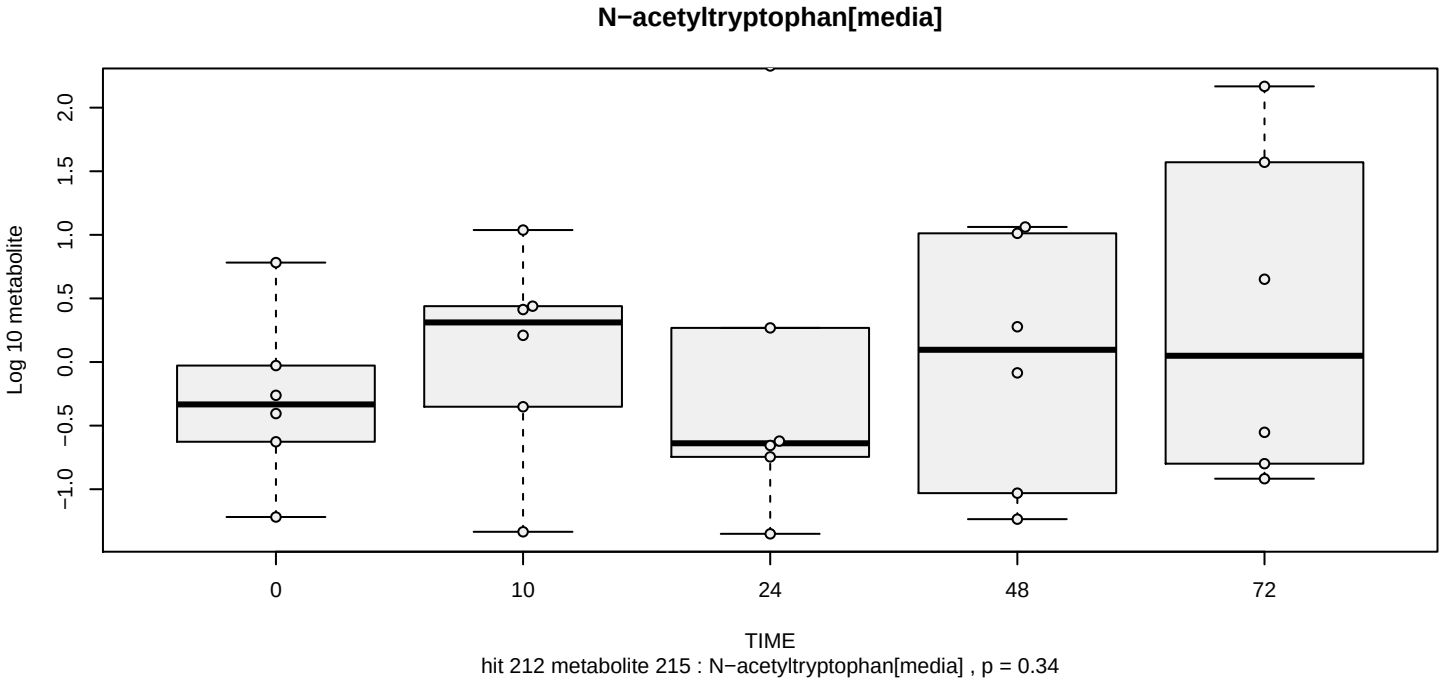
hit 209 metabolite 212 : N−acetylserine[media] , p = 0.018



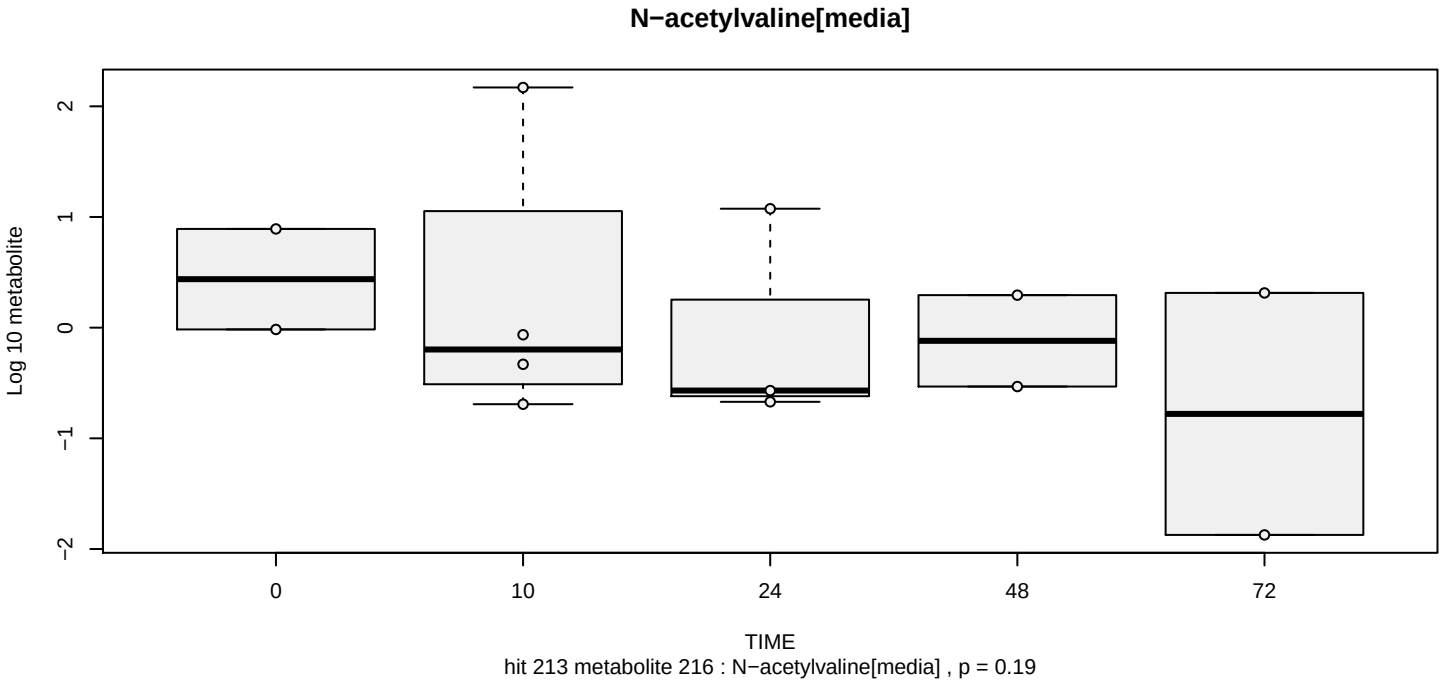
hit 210 metabolite 213 : N−acetyltaurine[media] , p = 0.044



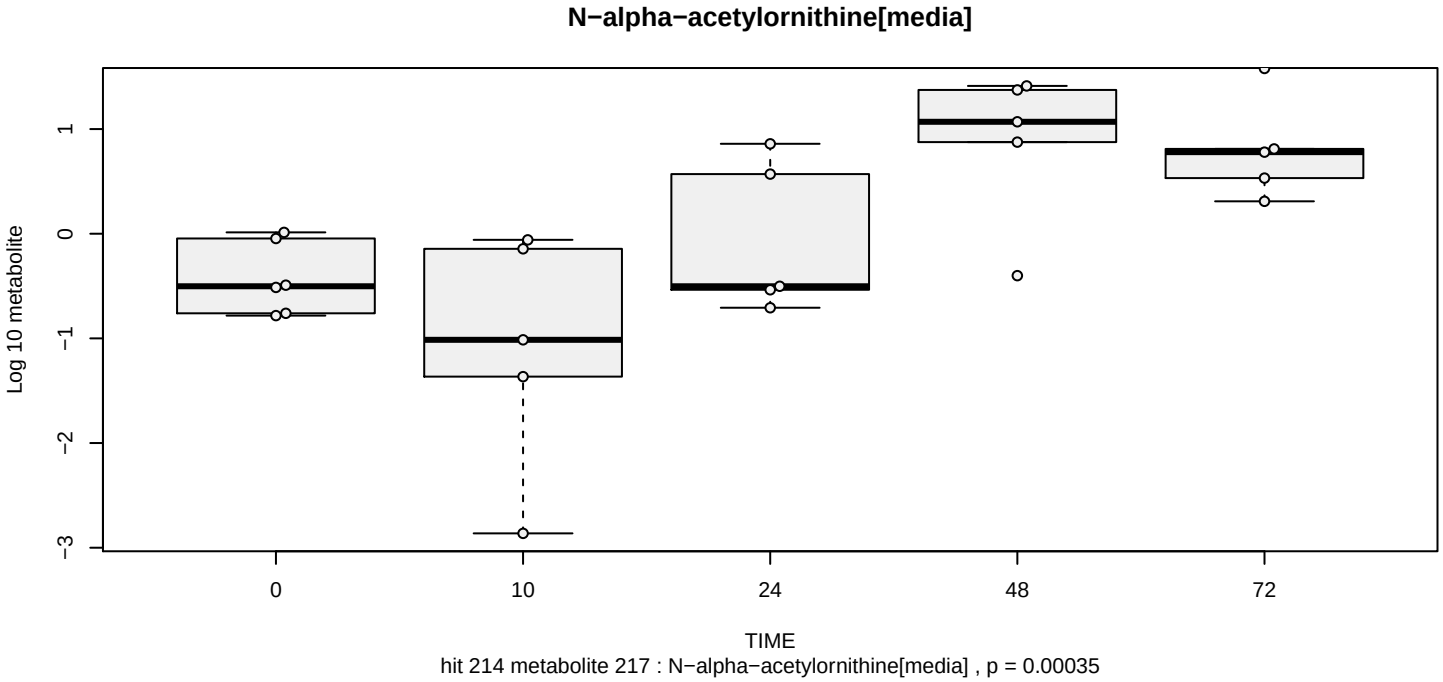
hit 211 metabolite 214 : N−acetylthreonine[media] , p = 0.71



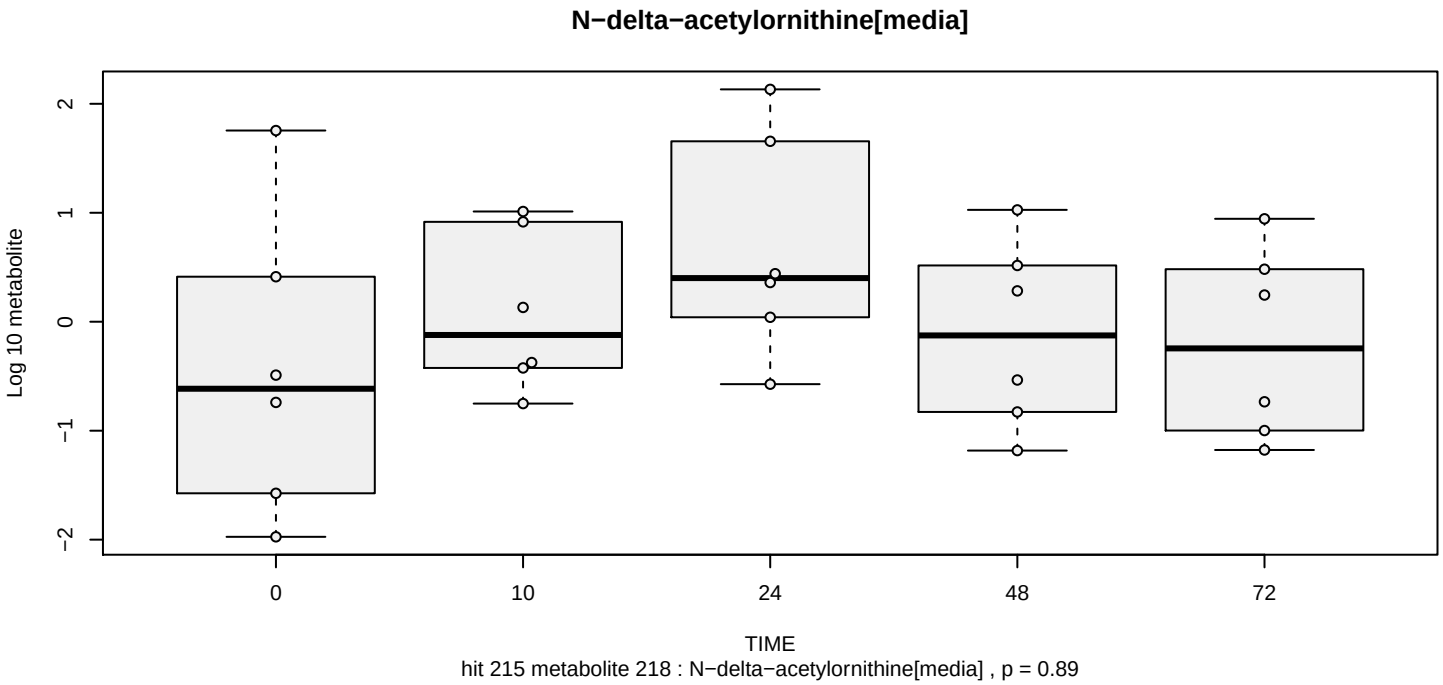
hit 212 metabolite 215 : N−acetyltryptophan[media] , p = 0.34



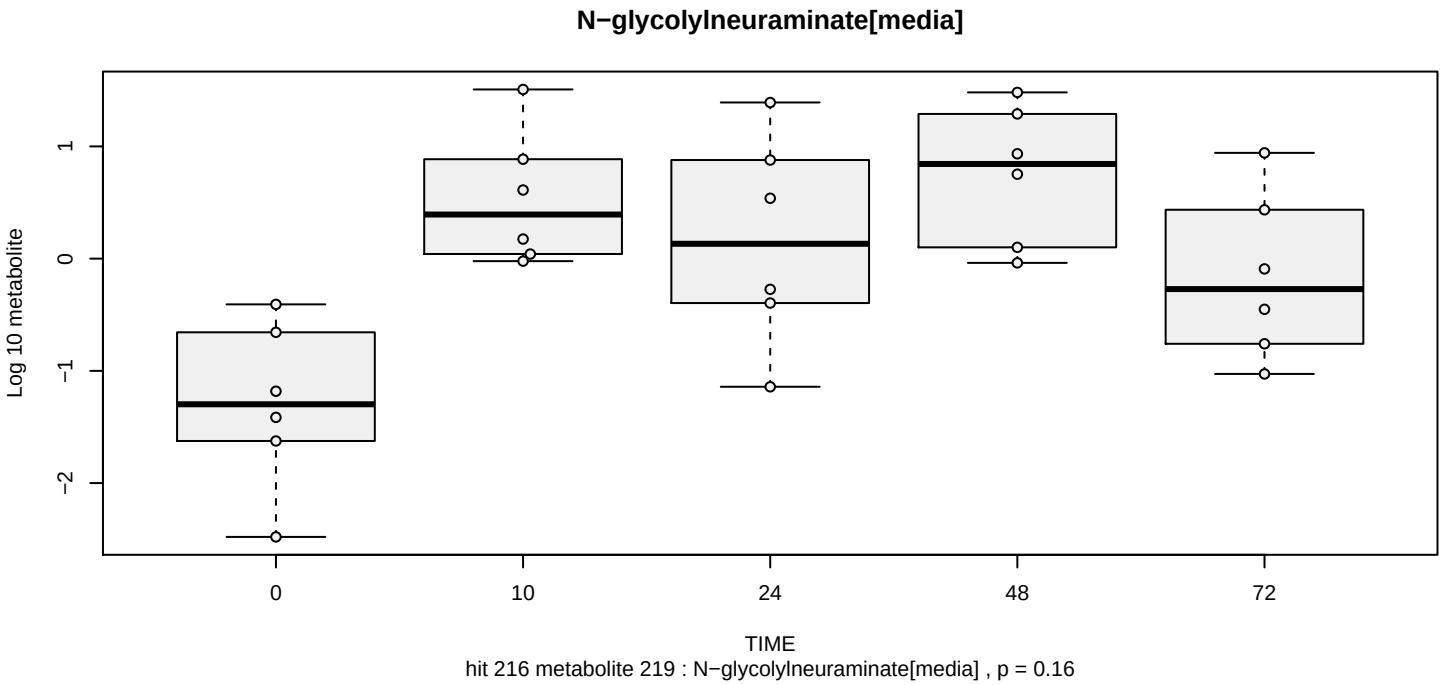
hit 213 metabolite 216 : N−acetylvaline[media] , p = 0.19



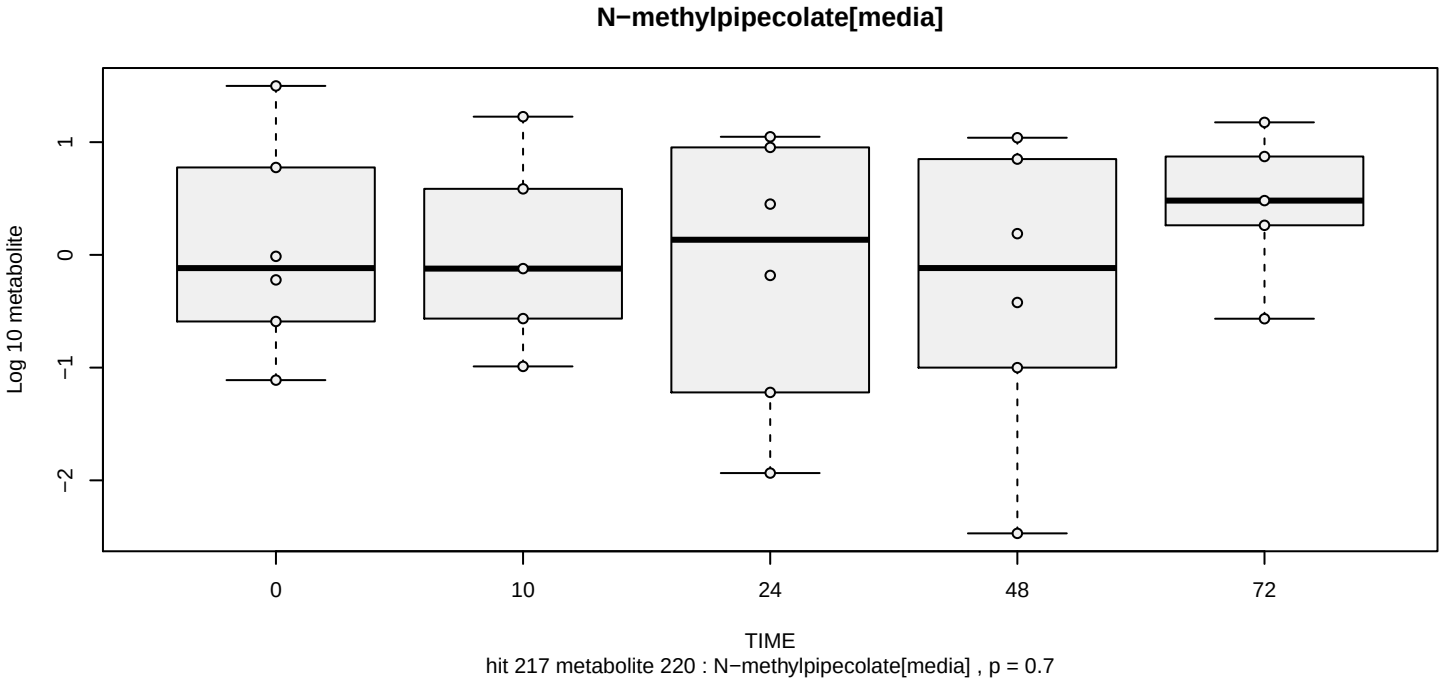
hit 214 metabolite 217 : N−alpha−acetylornithine[media] , p = 0.00035



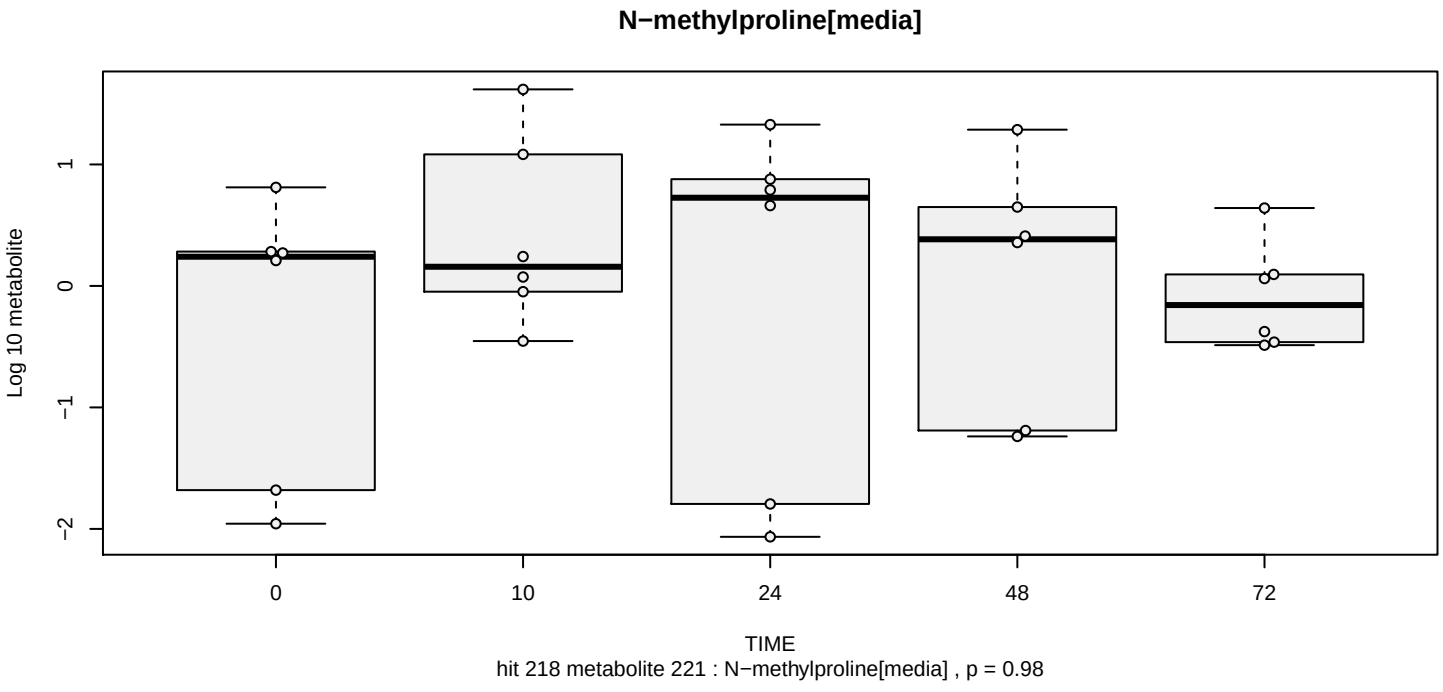
hit 215 metabolite 218 : N−delta−acetylornithine[media] , p = 0.89



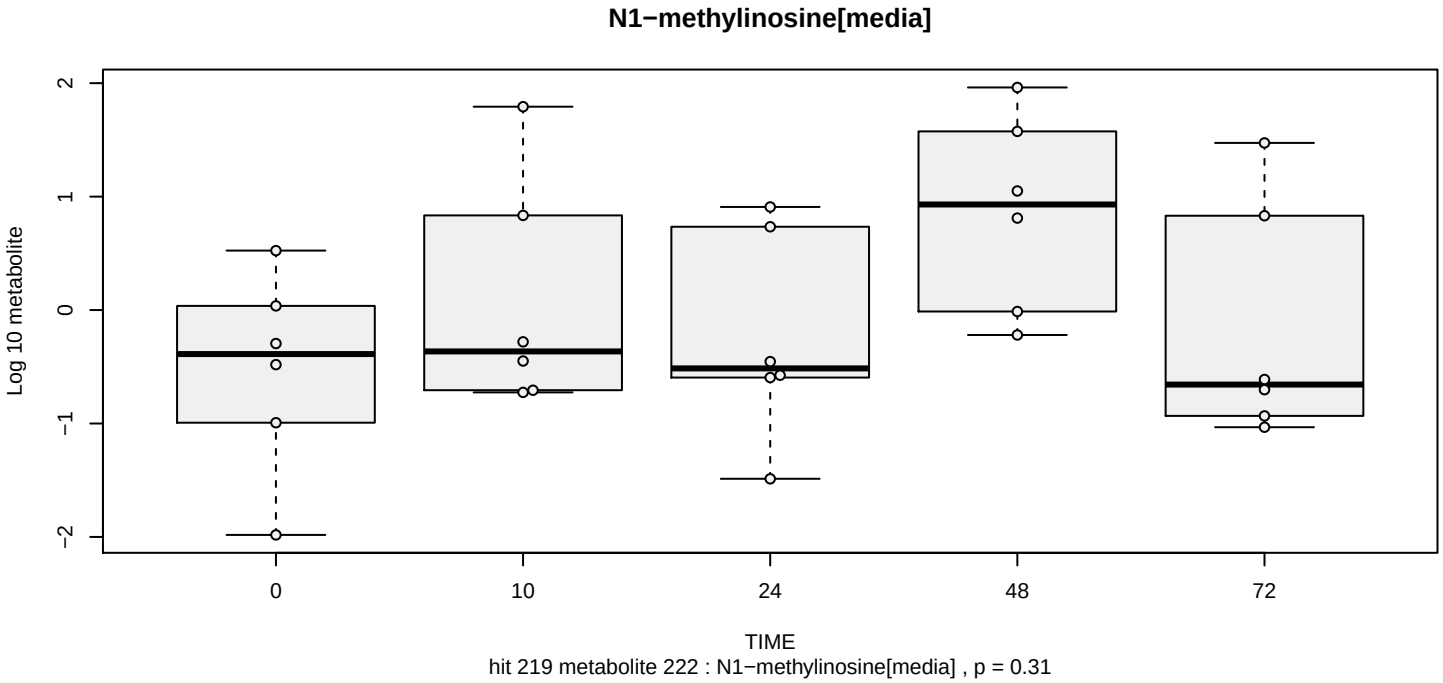
hit 216 metabolite 219 : N−glycolylneuraminate[media] , p = 0.16



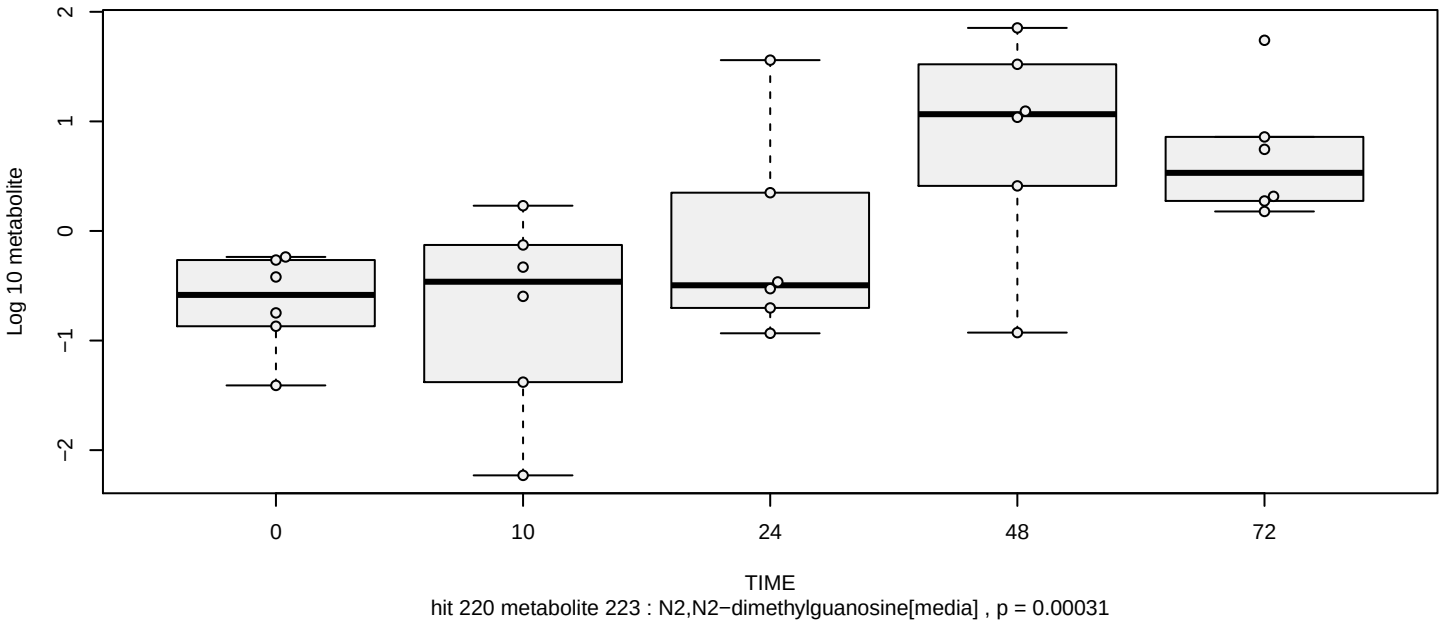
hit 217 metabolite 220 : N−methylpipecolate[media] , p = 0.7



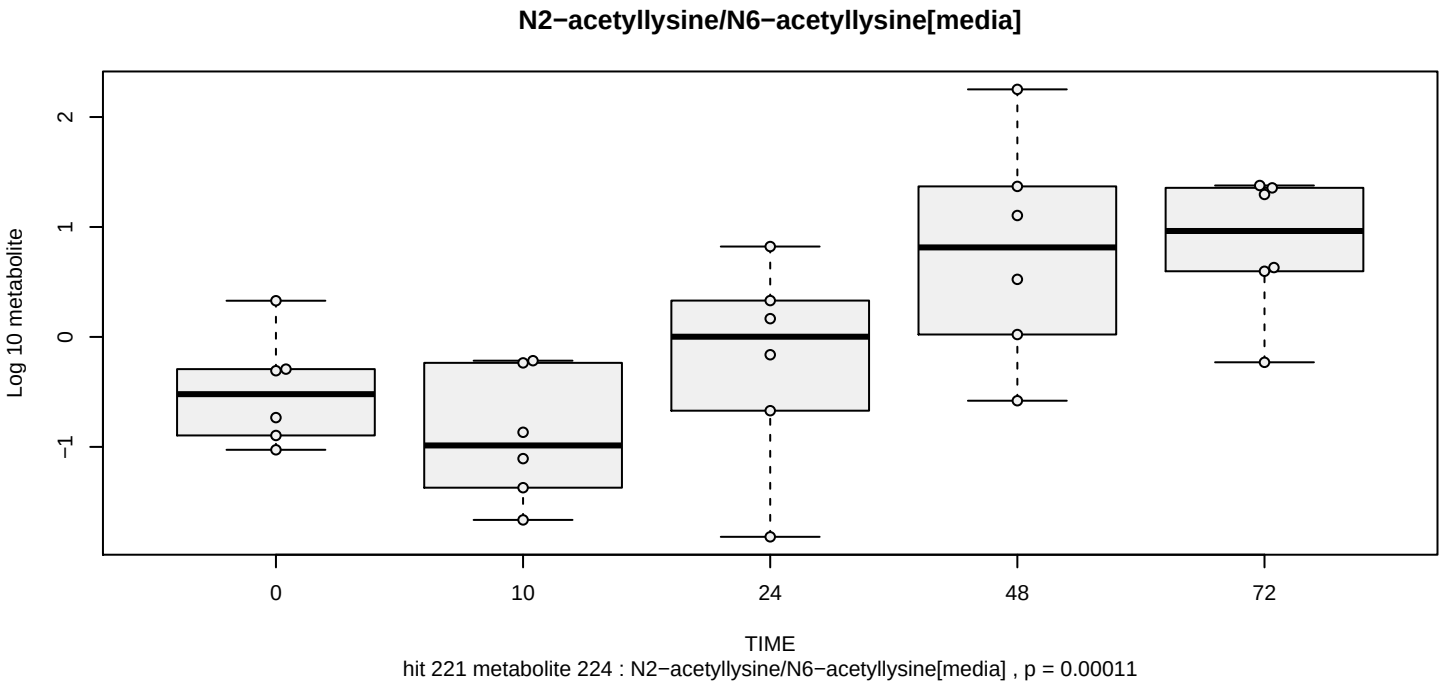
hit 218 metabolite 221 : N−methylproline[media] , p = 0.98



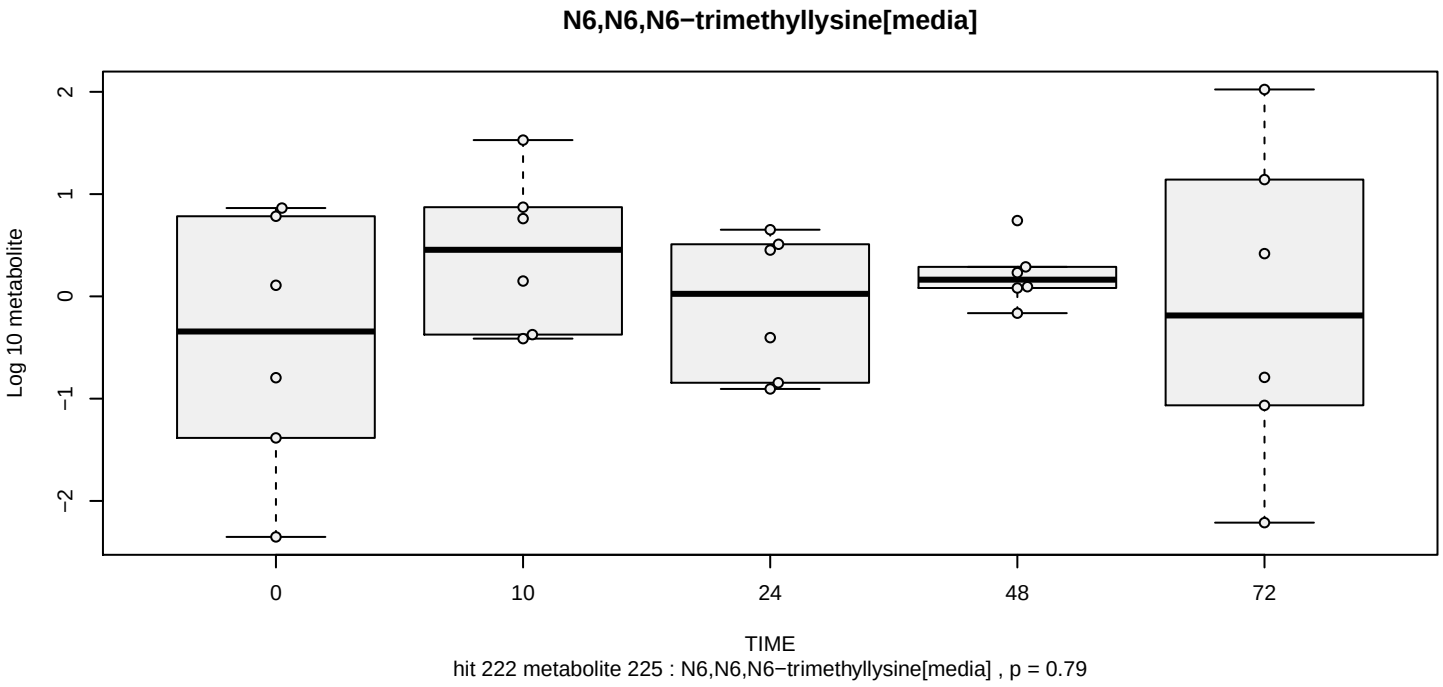
hit 219 metabolite 222 : N1−methylinosine[media] , p = 0.31



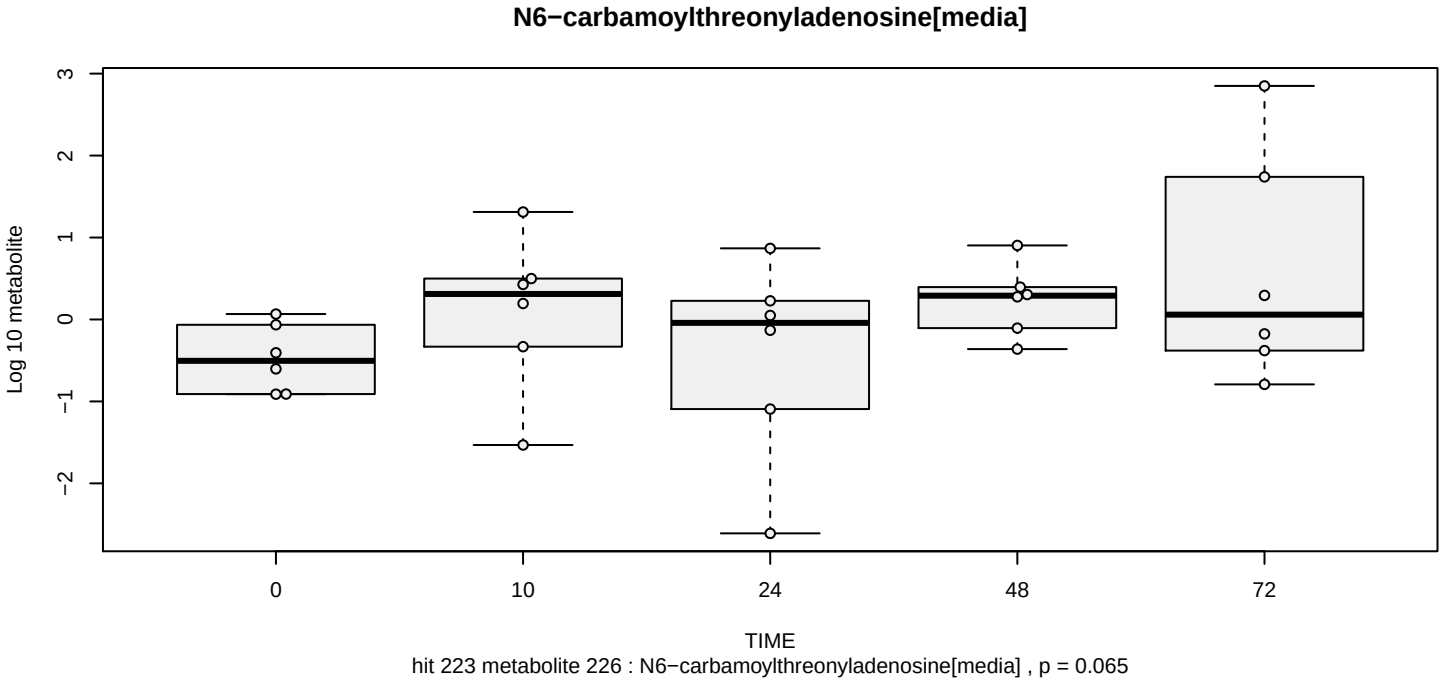
hit 220 metabolite 223 : N2,N2−dimethylguanosine[media] , p = 0.00031



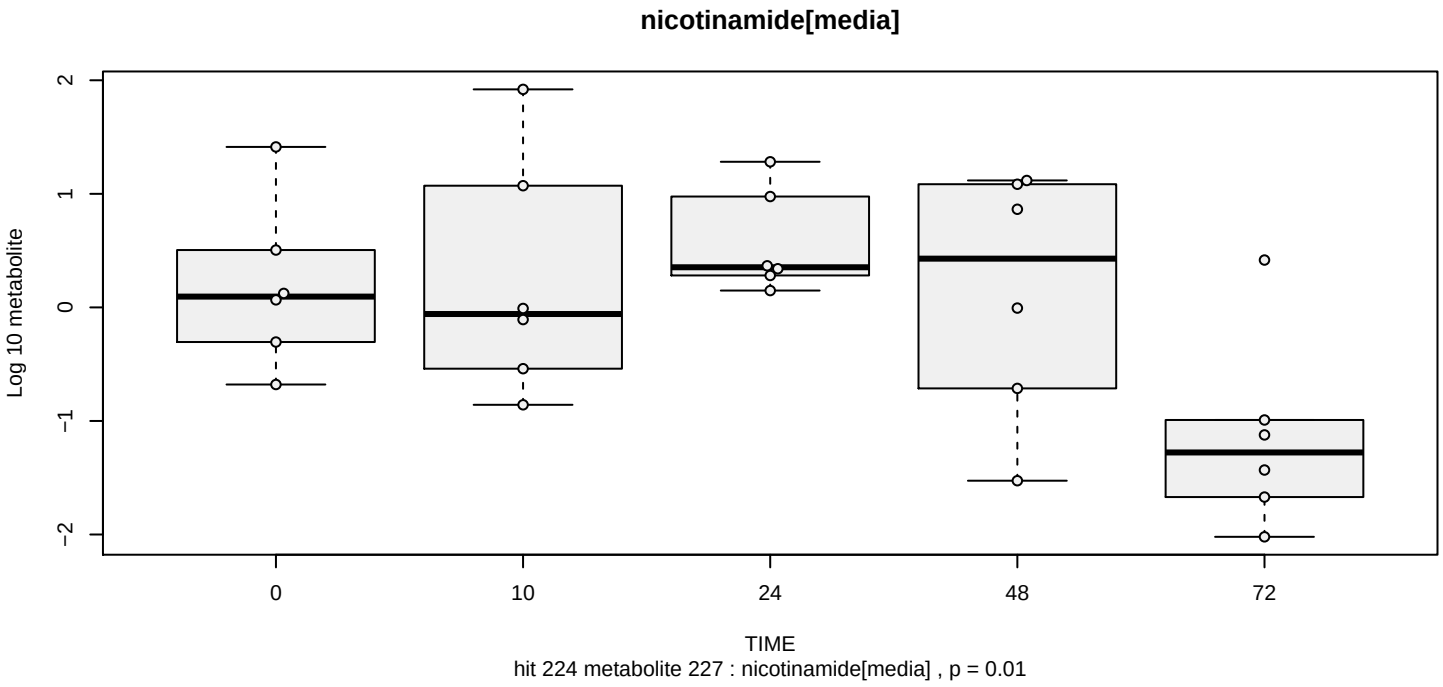
hit 221 metabolite 224 : N2−acetyllysine/N6−acetyllysine[media] , p = 0.00011



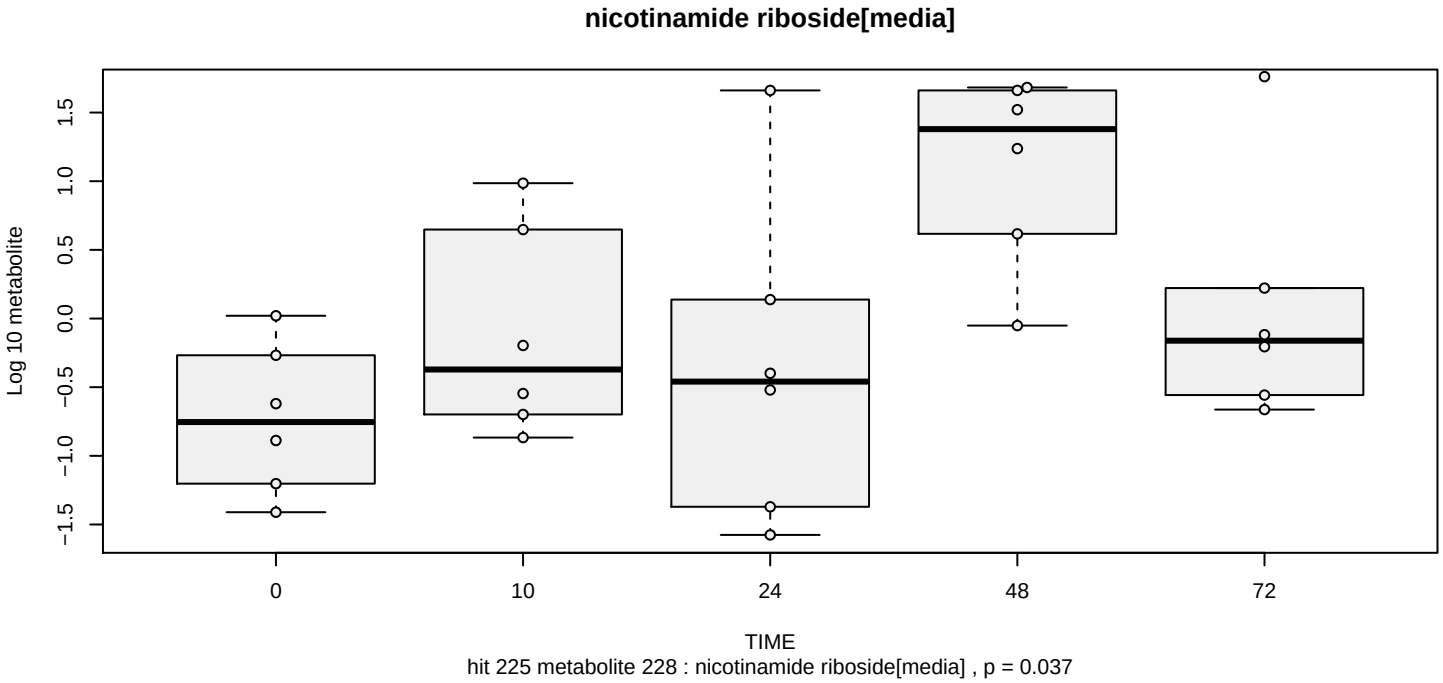
hit 222 metabolite 225 : N6,N6,N6−trimethyllysine[media] , p = 0.79



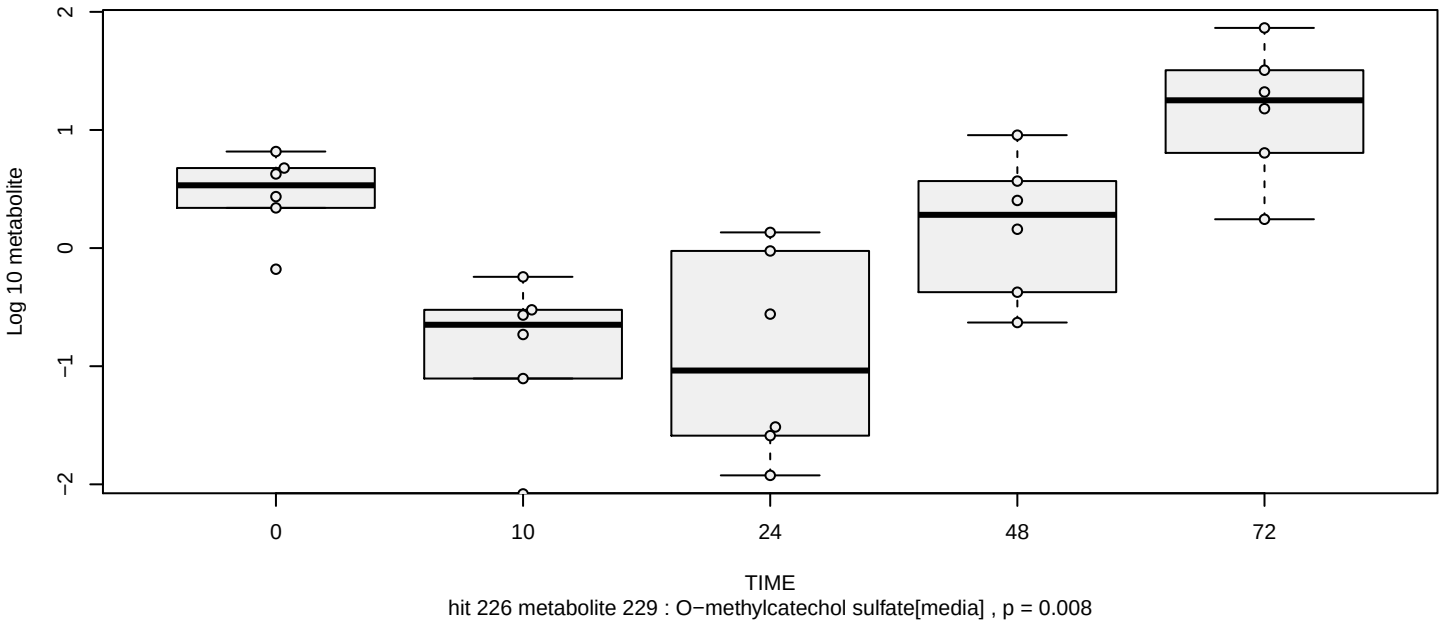
hit 223 metabolite 226 : N6−carbamoylthreonyladenosine[media] , p = 0.065



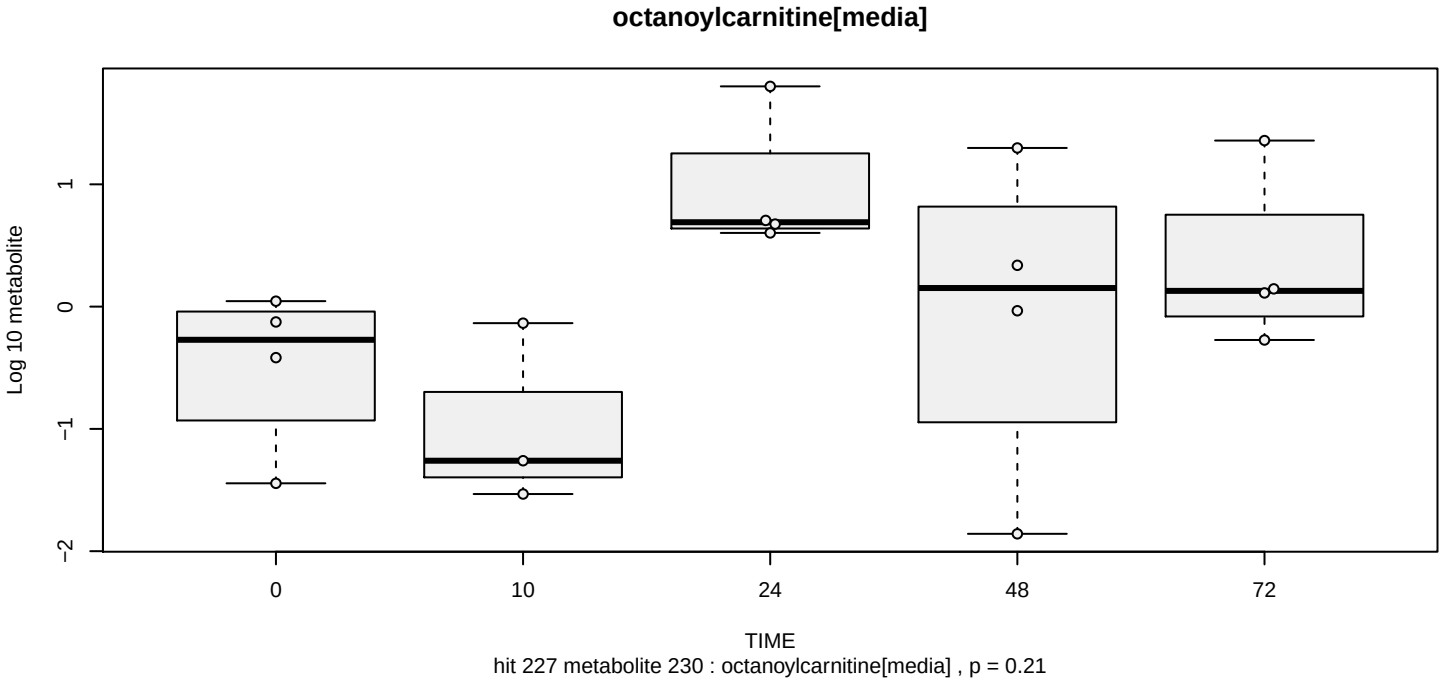
hit 224 metabolite 227 : nicotinamide[media] , p = 0.01



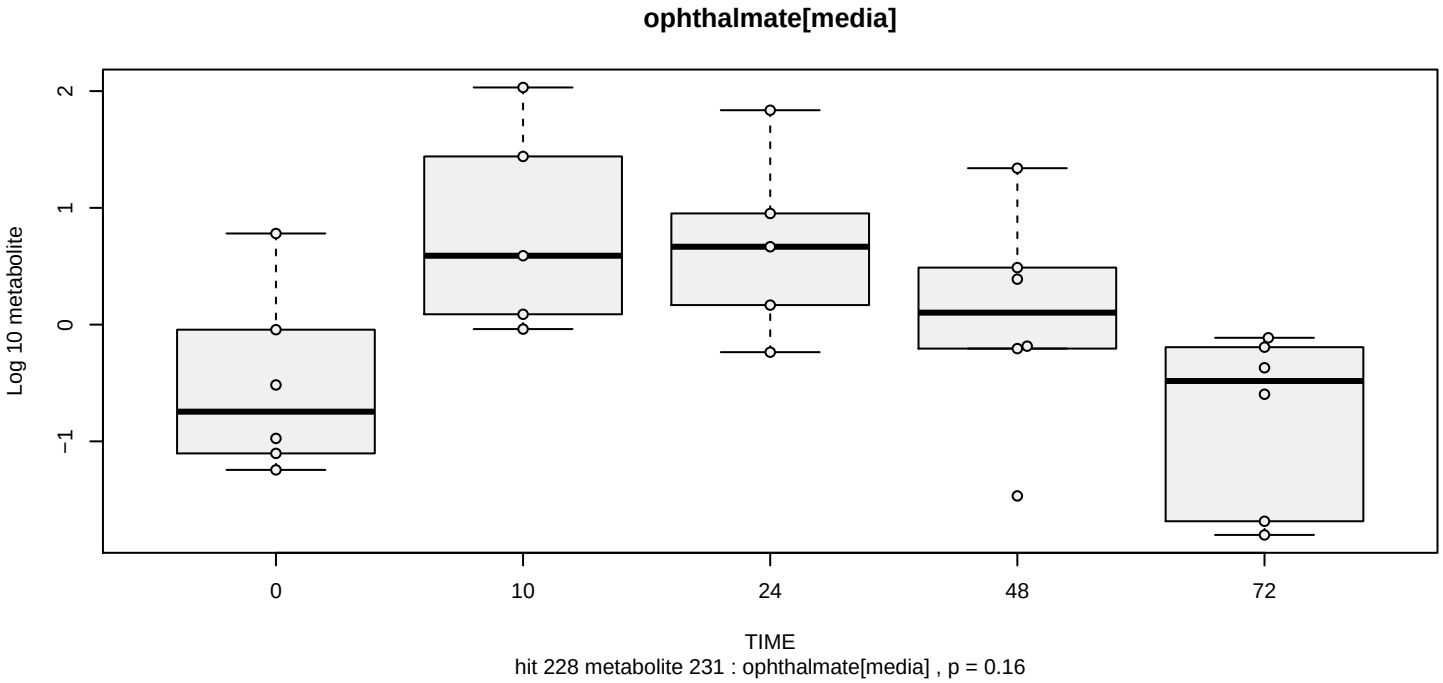
hit 225 metabolite 228 : nicotinamide riboside[media] , p = 0.037



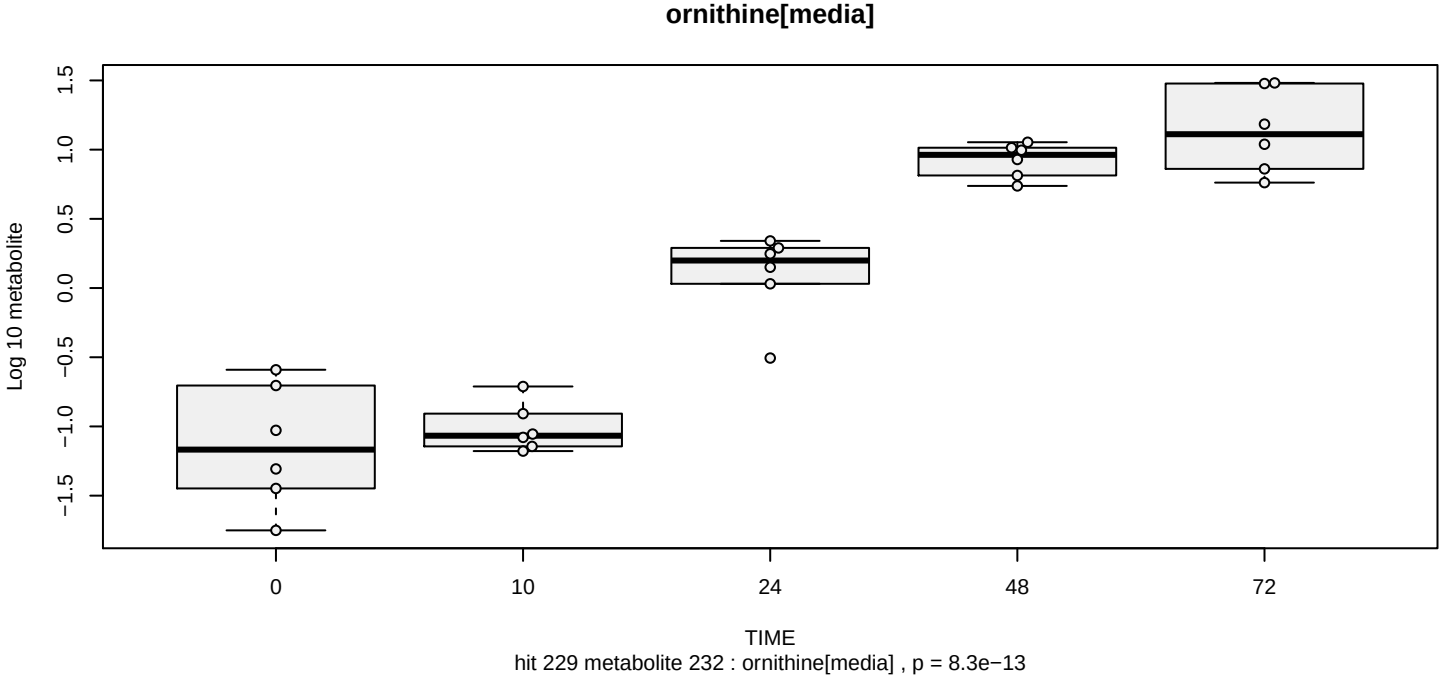
hit 226 metabolite 229 : O−methylcatechol sulfate[media] , p = 0.008



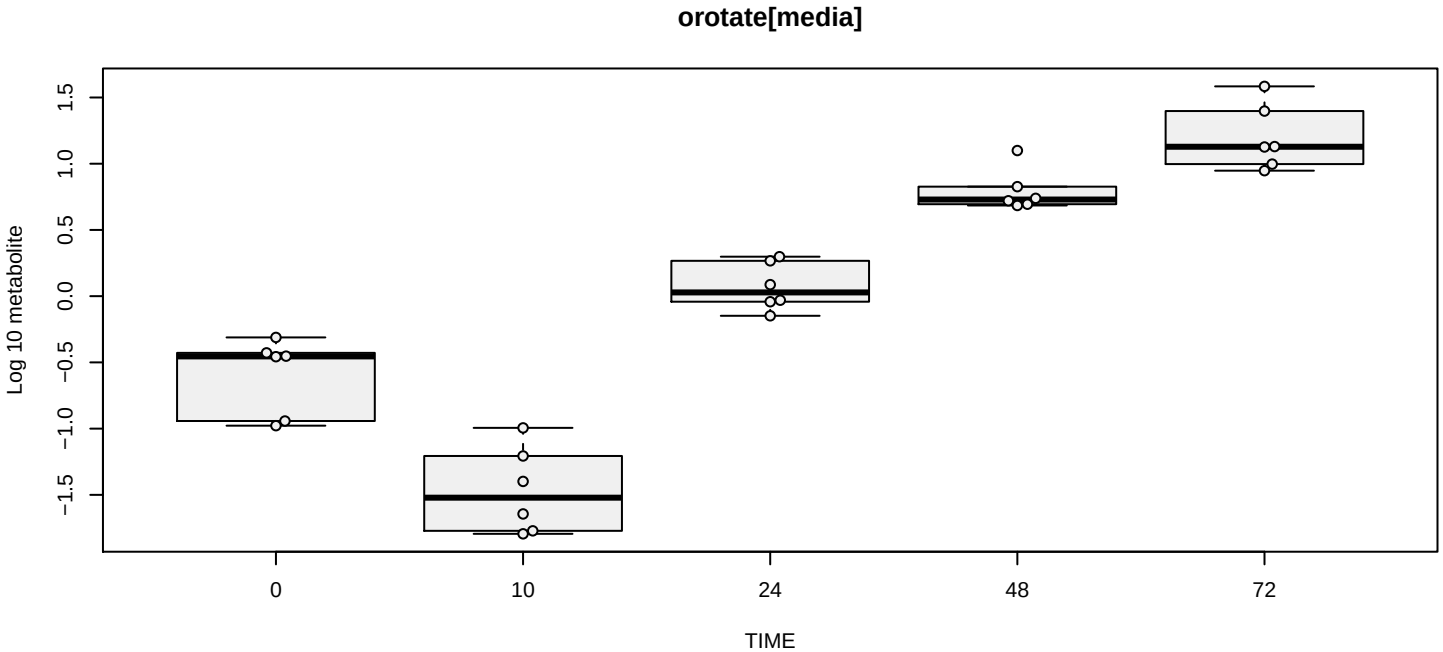
hit 227 metabolite 230 : octanoylcarnitine[media] , p = 0.21



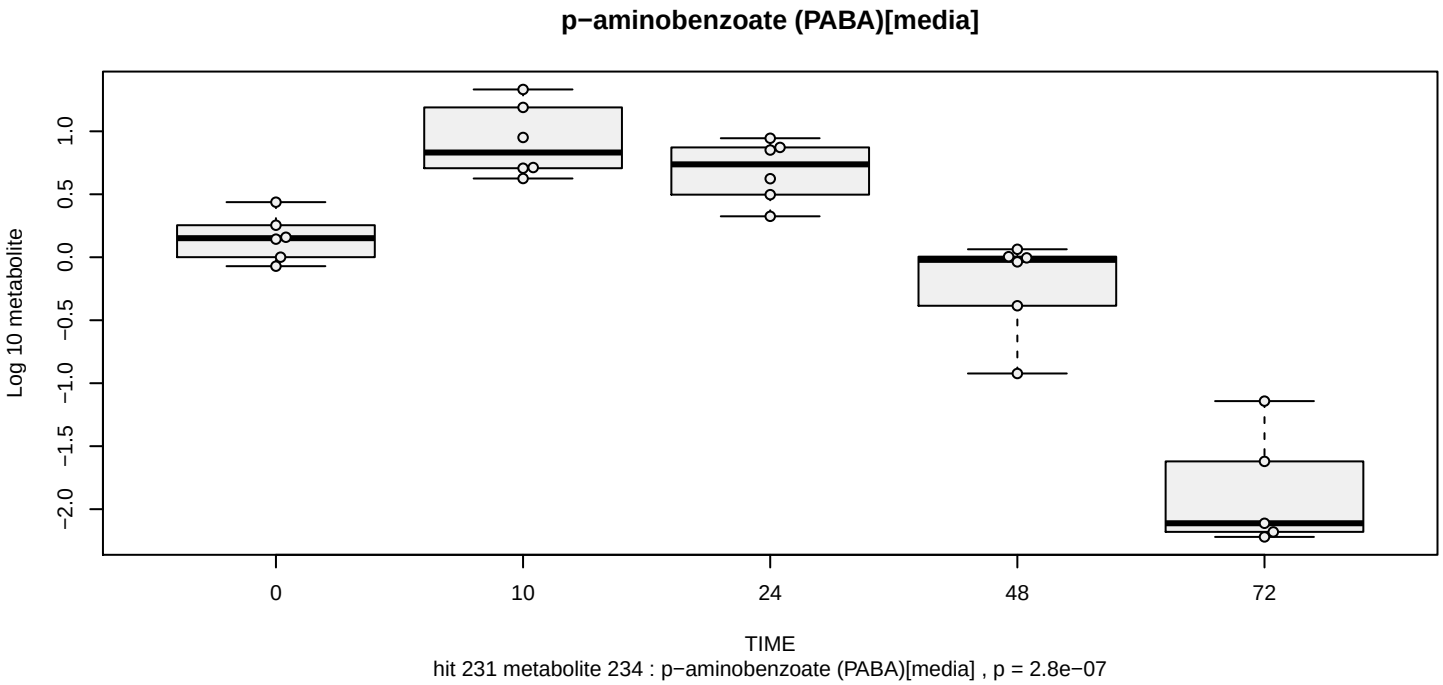
hit 228 metabolite 231 : ophthalmate[media] , p = 0.16



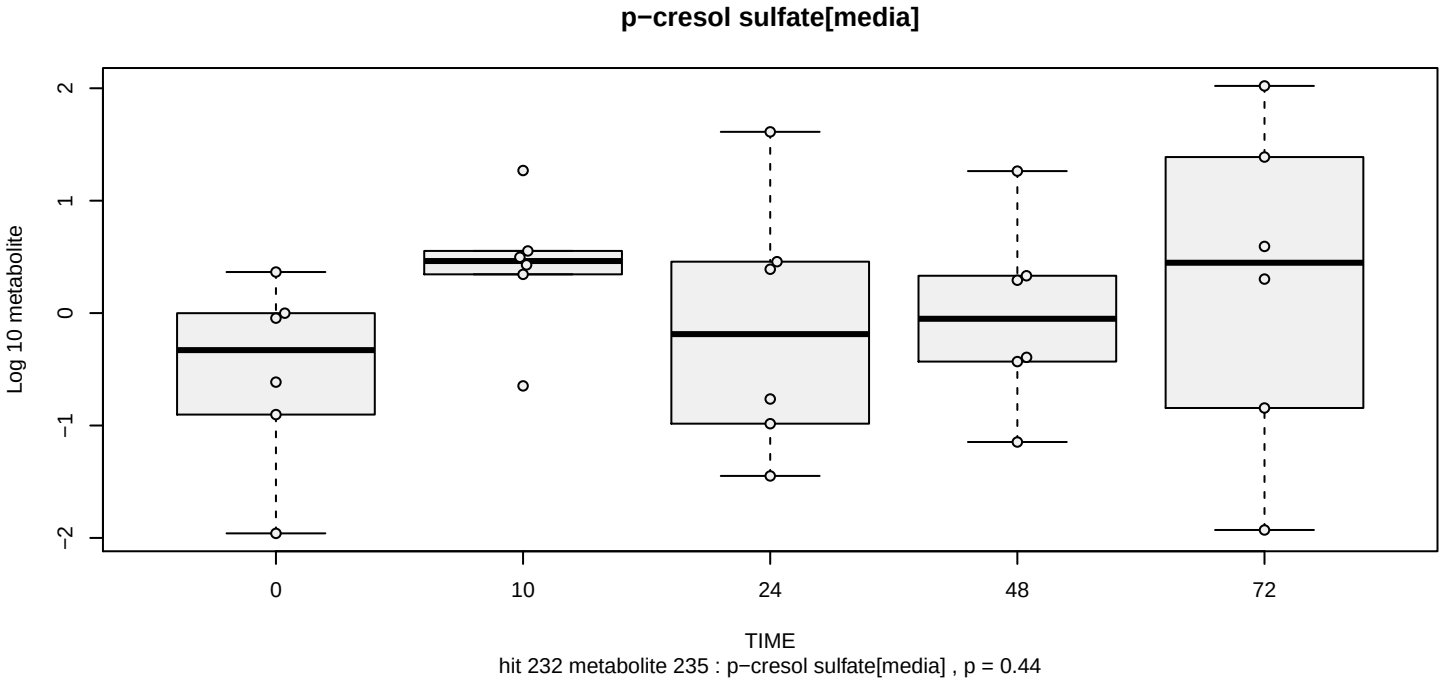
hit 229 metabolite 232 : ornithine[media] , p = 8.3e−13



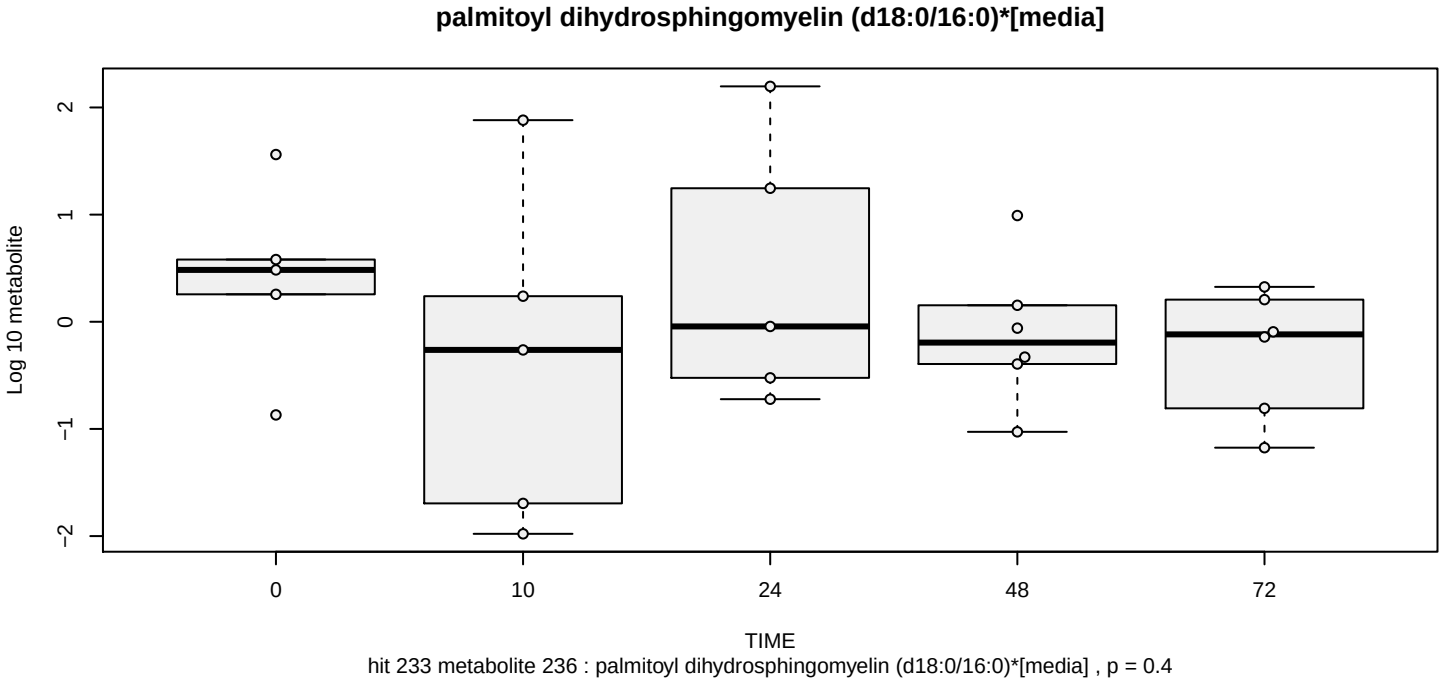
hit 230 metabolite 233 : orotate[media] , p = 6.4e−10



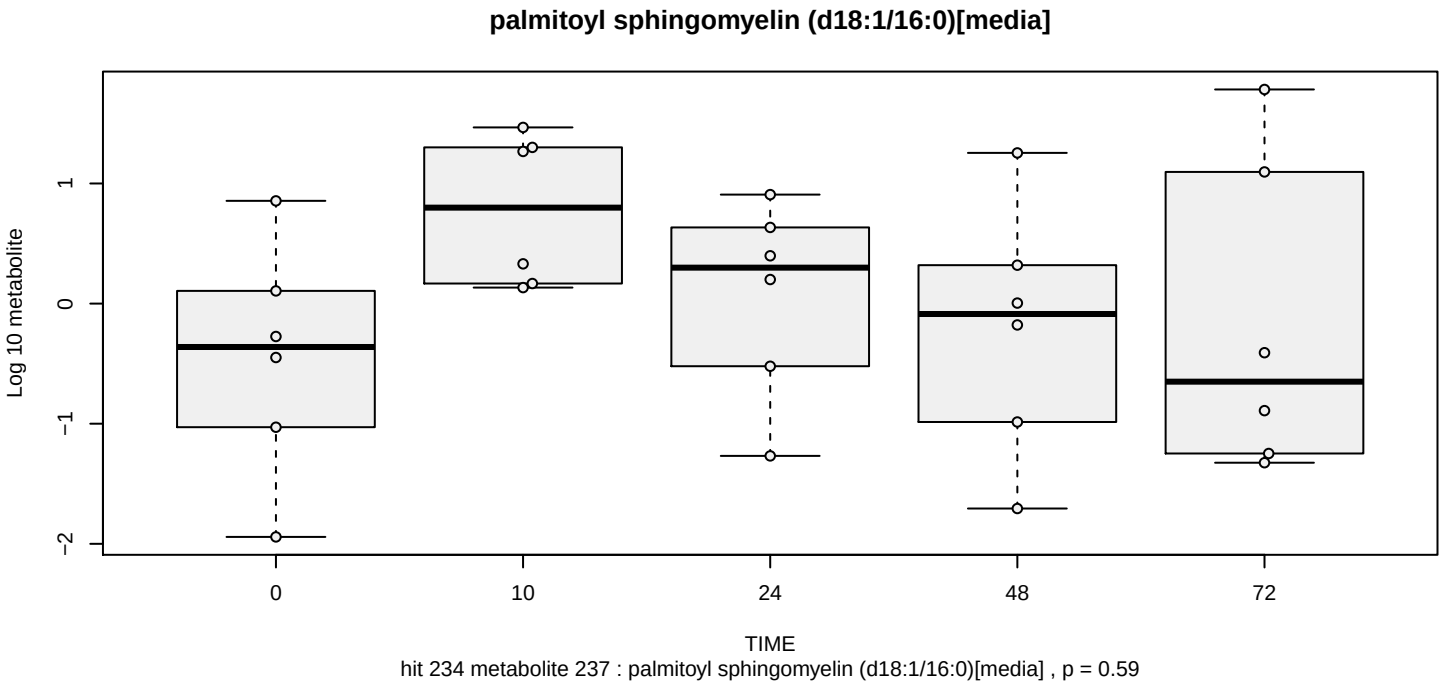
hit 231 metabolite 234 : p−aminobenzoate (PABA)[media] , p = 2.8e−07



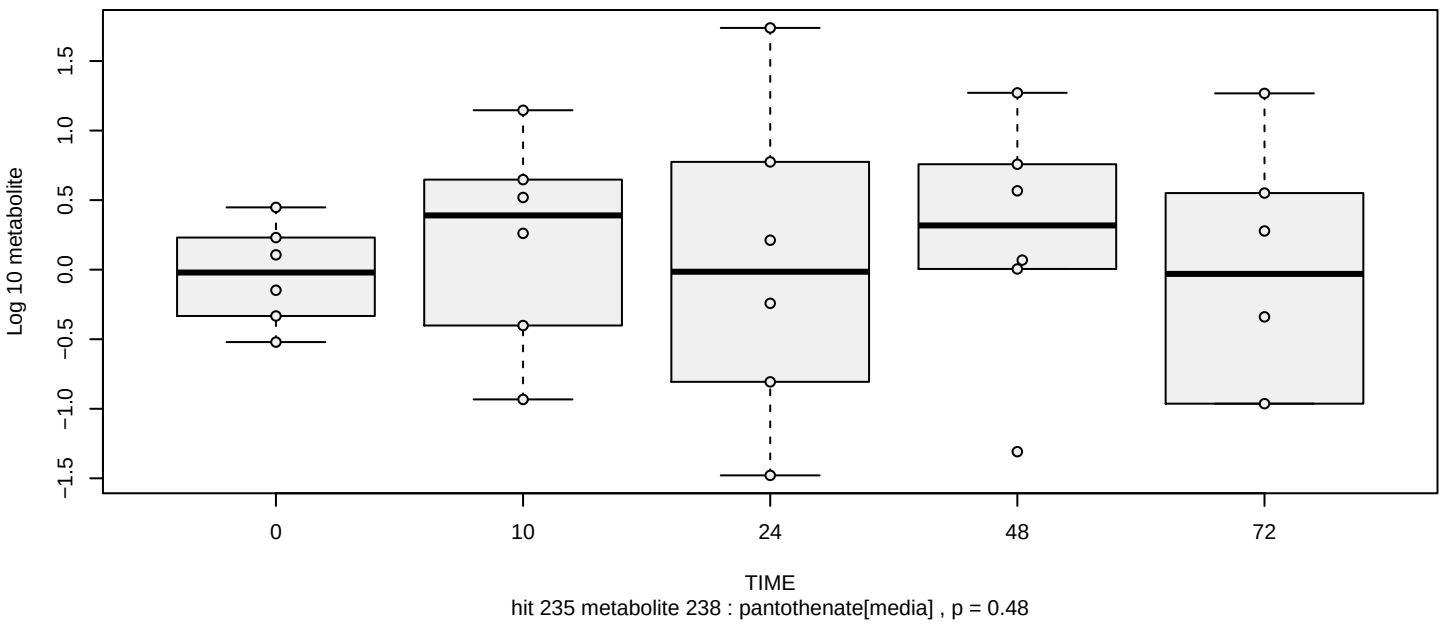
hit 232 metabolite 235 : p−cresol sulfate[media] , p = 0.44



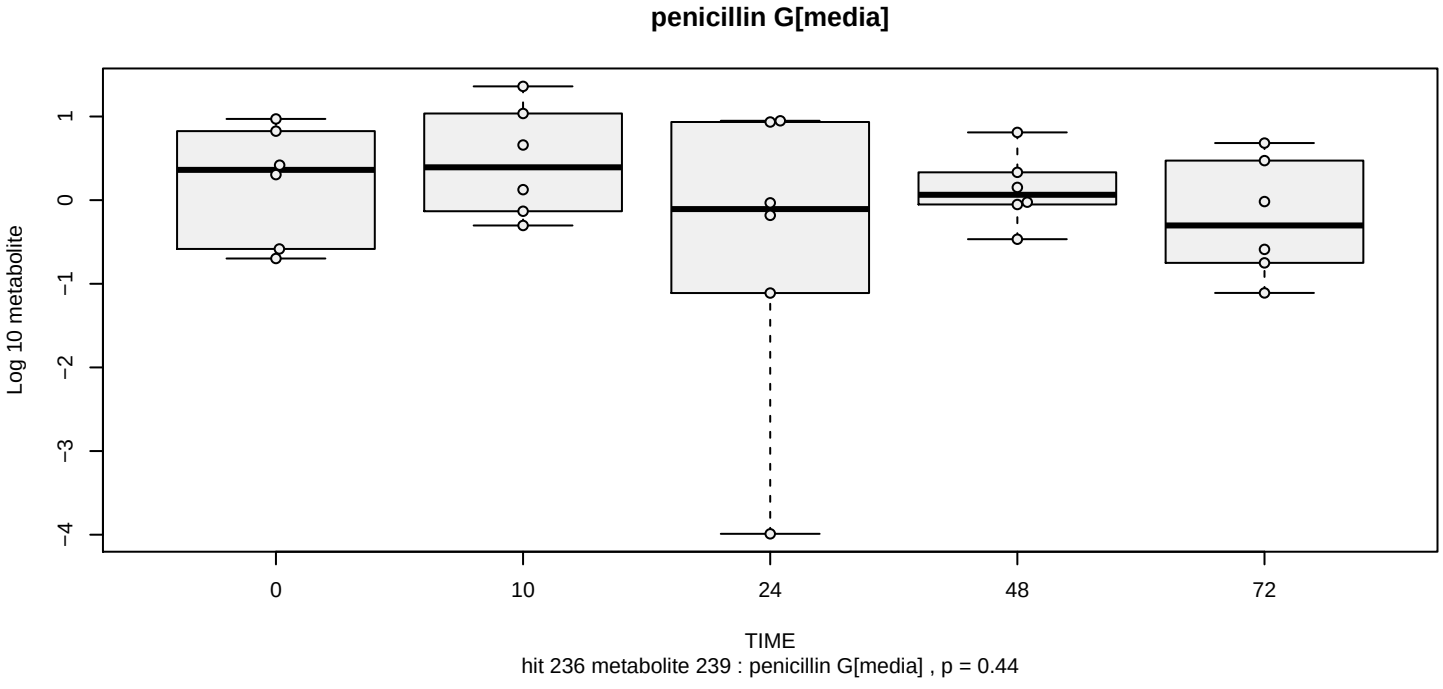
hit 233 metabolite 236 : palmitoyl dihydrosphingomyelin (d18:0/16:0)*[media] , p = 0.4



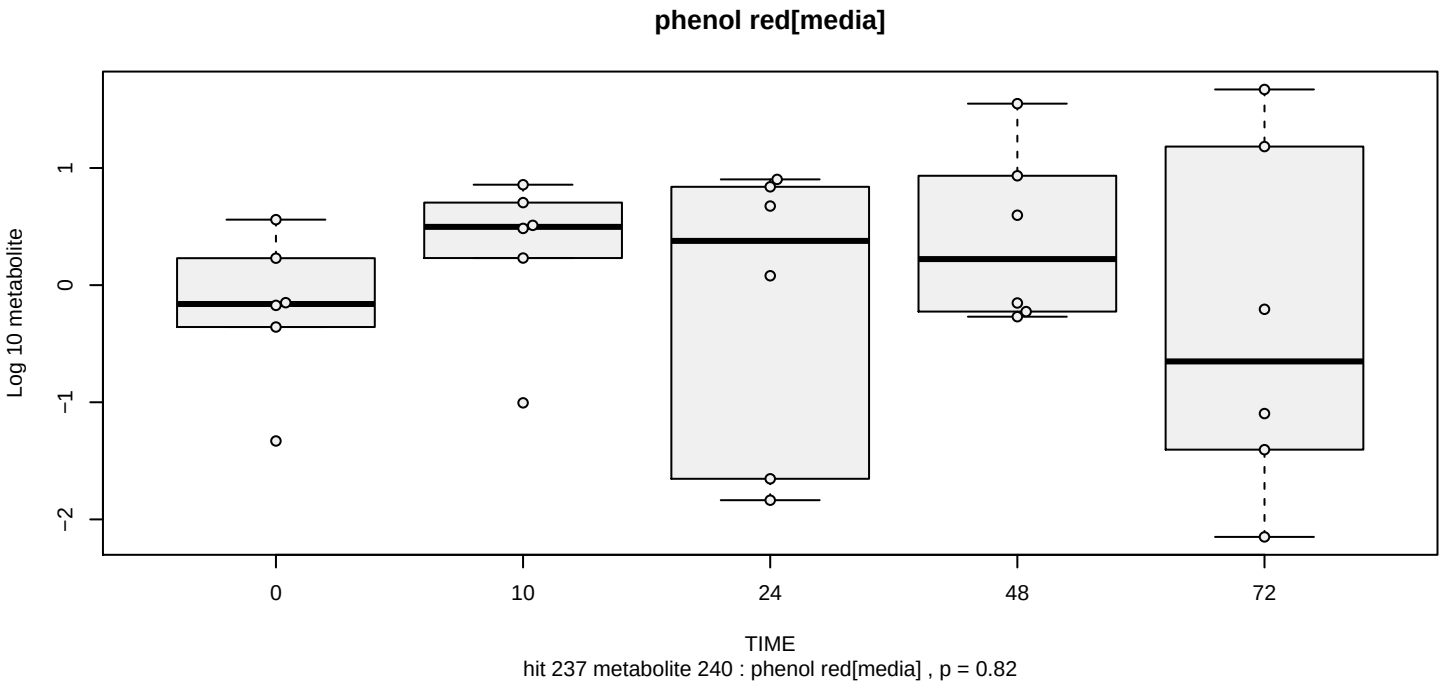
hit 234 metabolite 237 : palmitoyl sphingomyelin (d18:1/16:0)[media] , p = 0.59



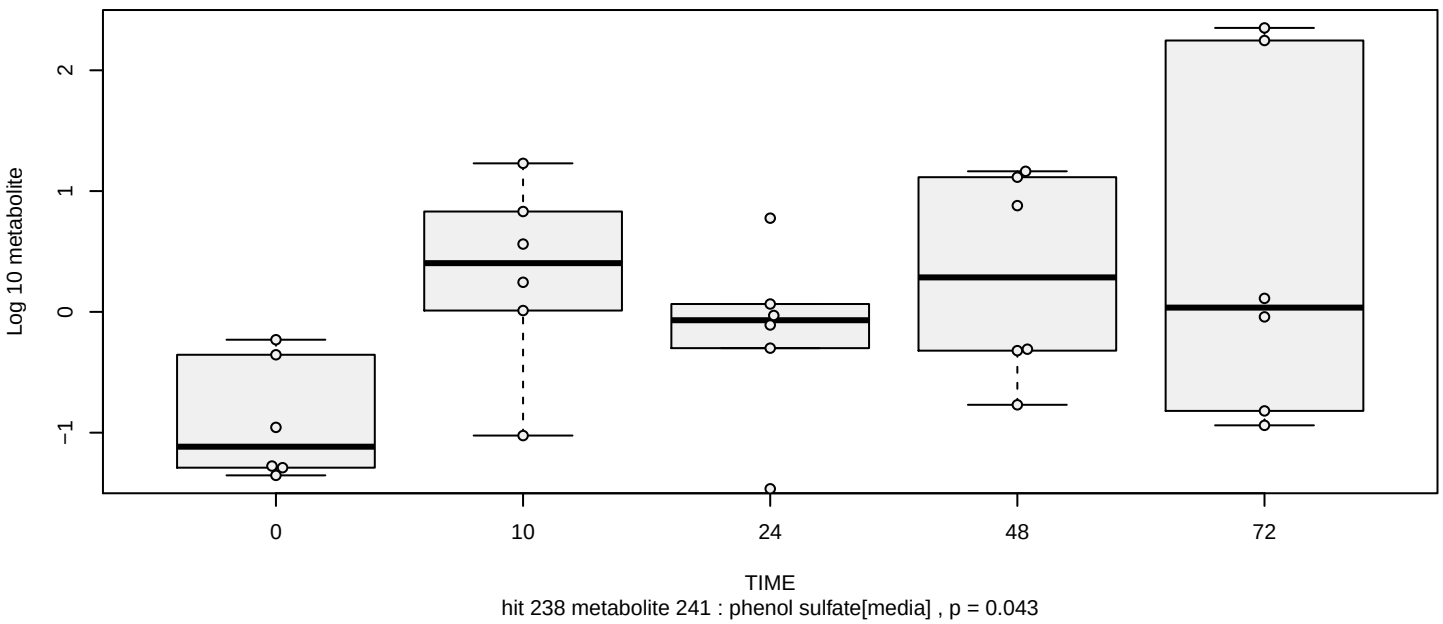
hit 235 metabolite 238 : pantothenate[media] , p = 0.48



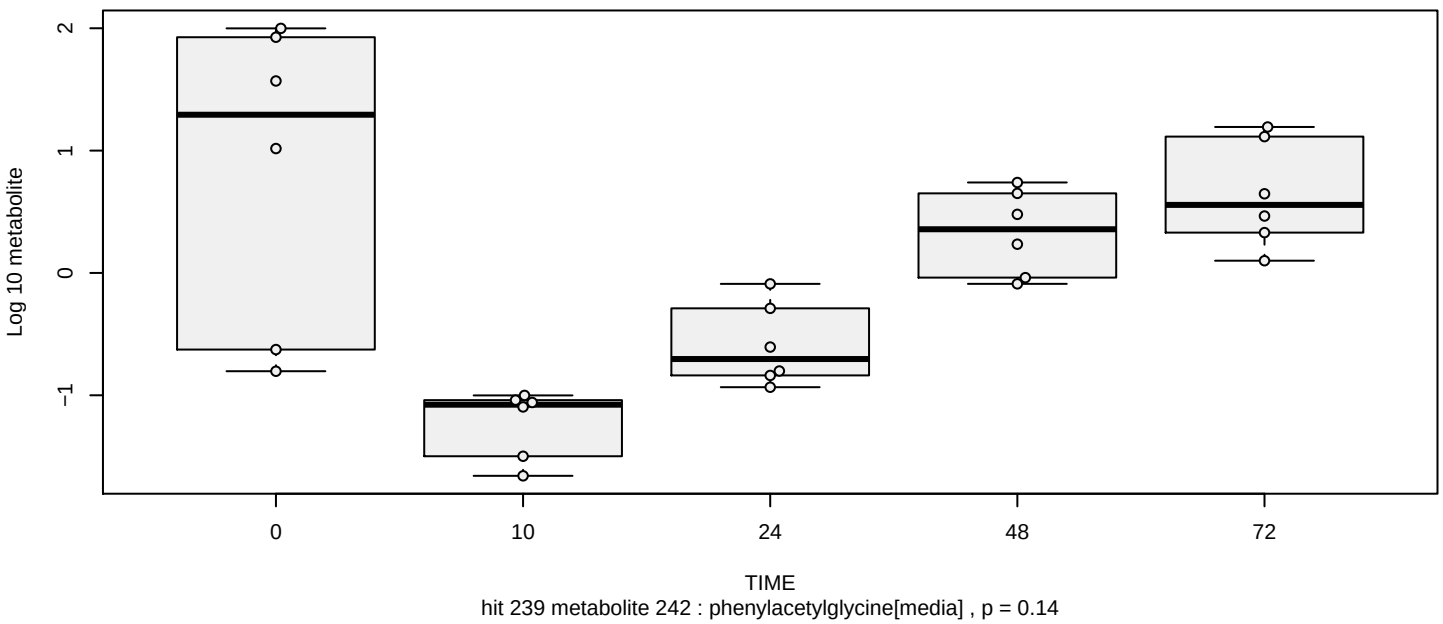
hit 236 metabolite 239 : penicillin G[media] , p = 0.44



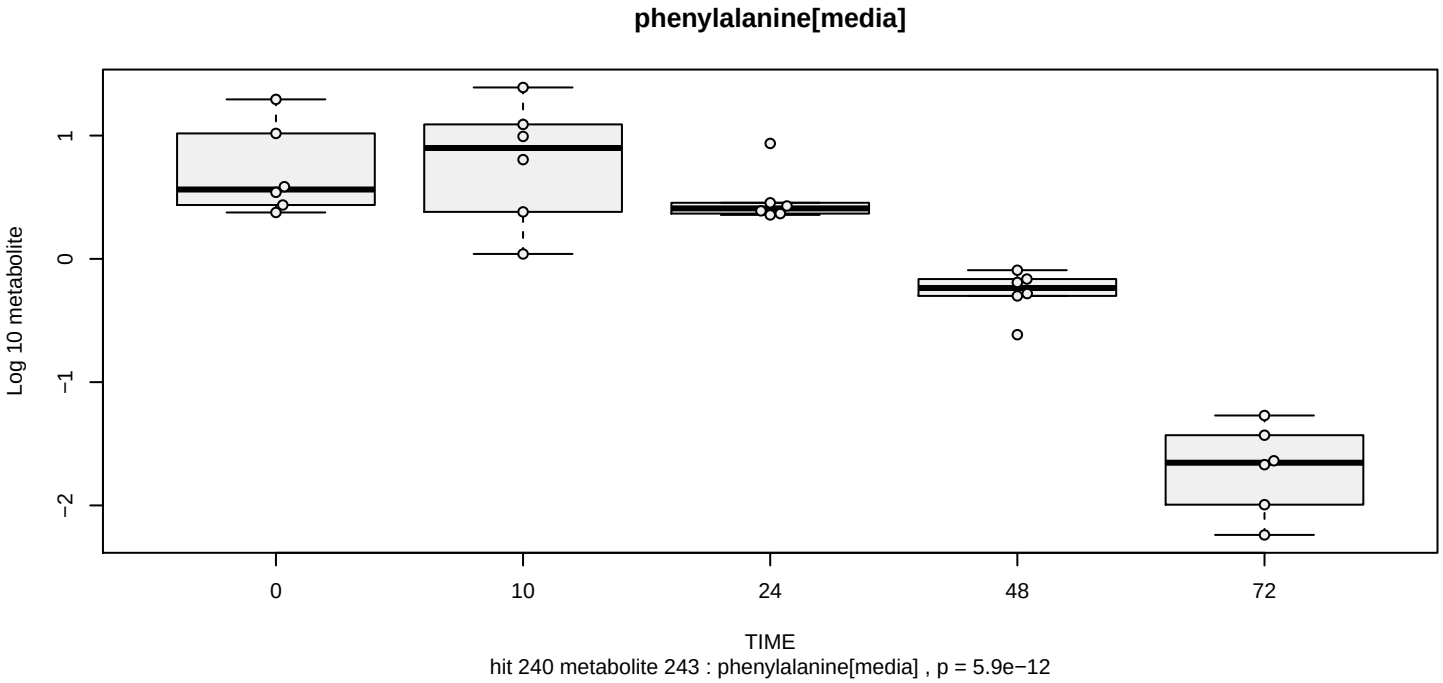
hit 237 metabolite 240 : phenol red[media] , p = 0.82



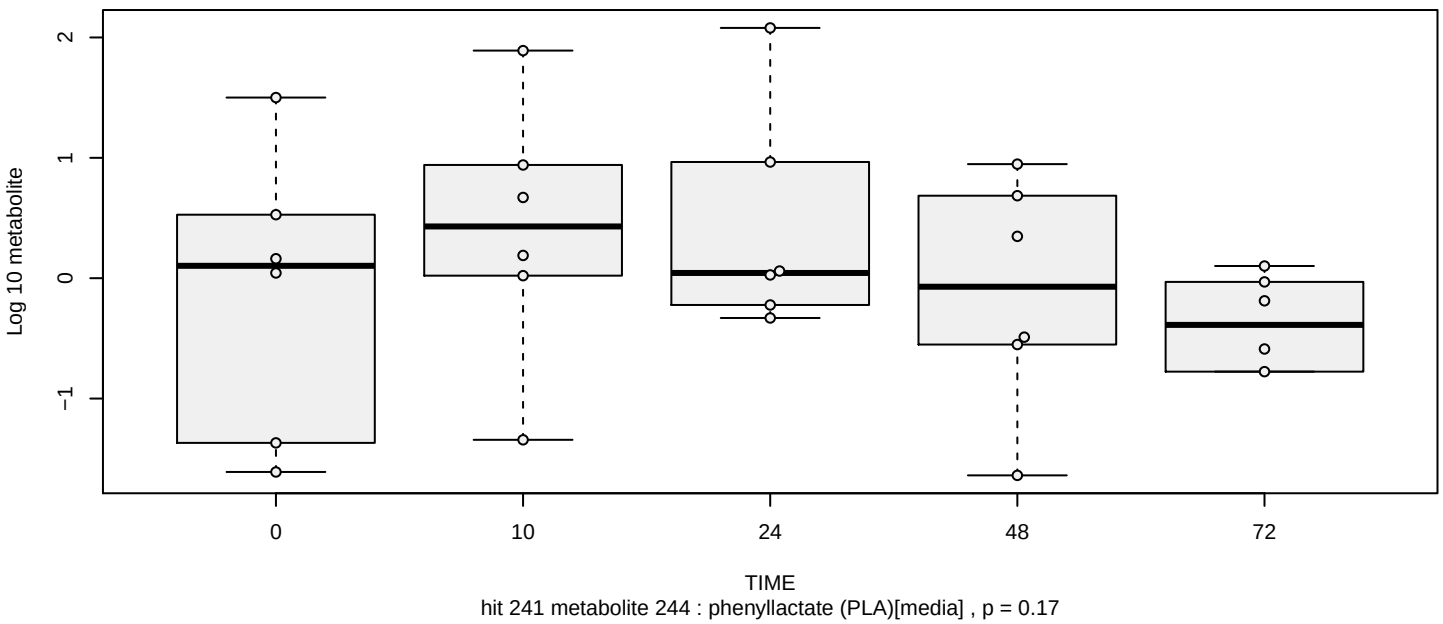
hit 238 metabolite 241 : phenol sulfate[media] , p = 0.043



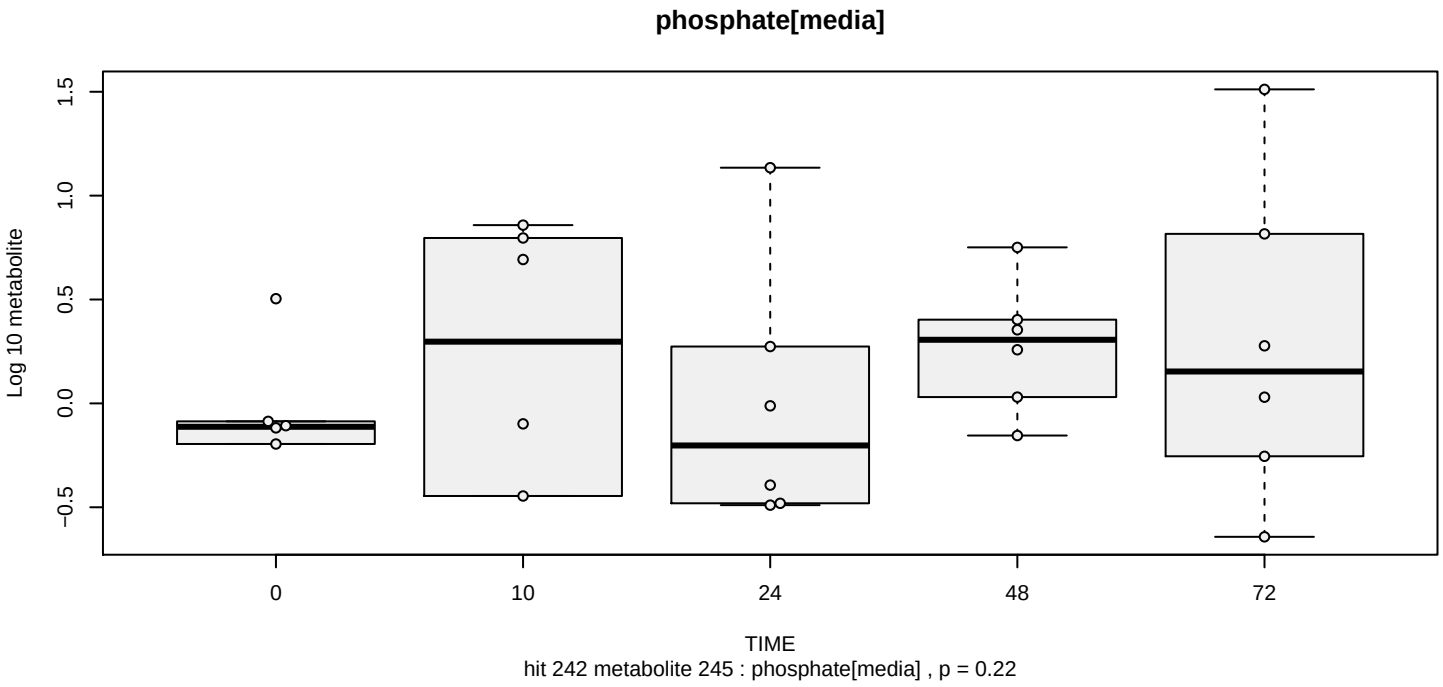
hit 239 metabolite 242 : phenylacetylglycine[media] , p = 0.14



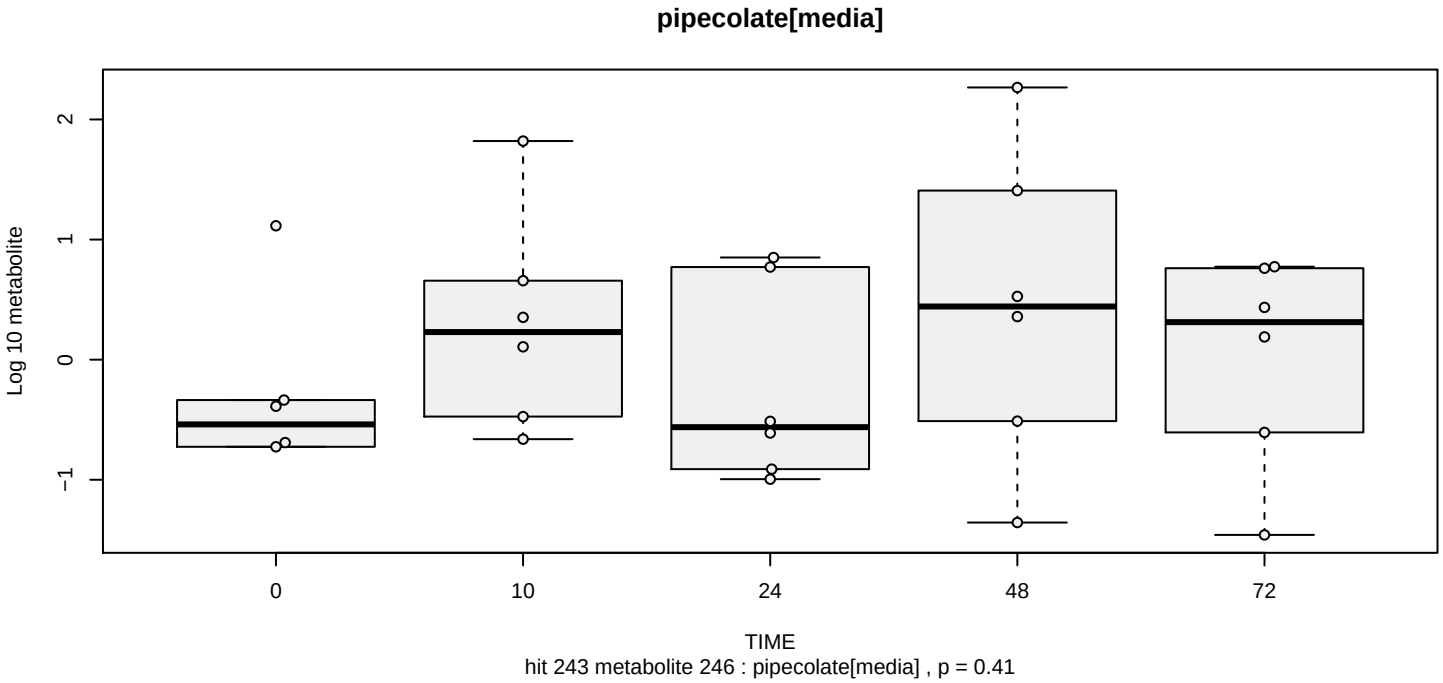
hit 240 metabolite 243 : phenylalanine[media] , p = 5.9e−12



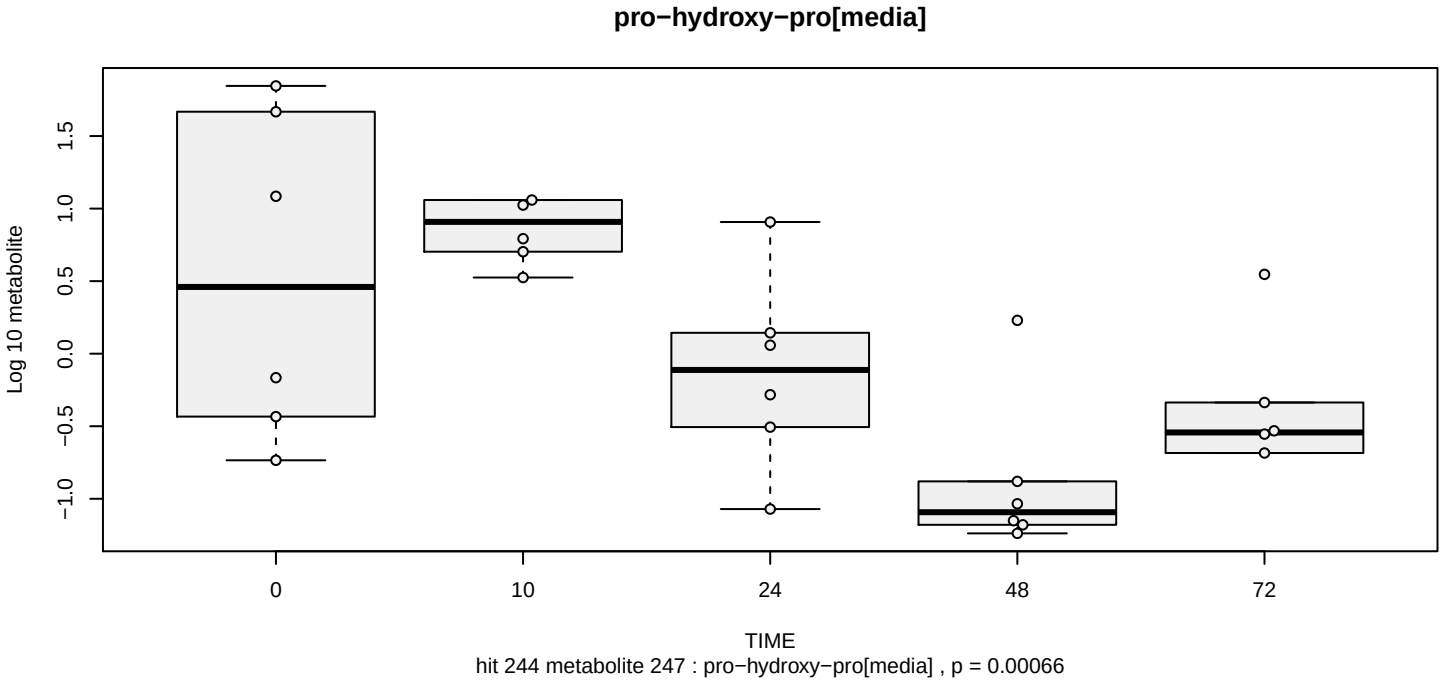
hit 241 metabolite 244 : phenyllactate (PLA)[media] , p = 0.17



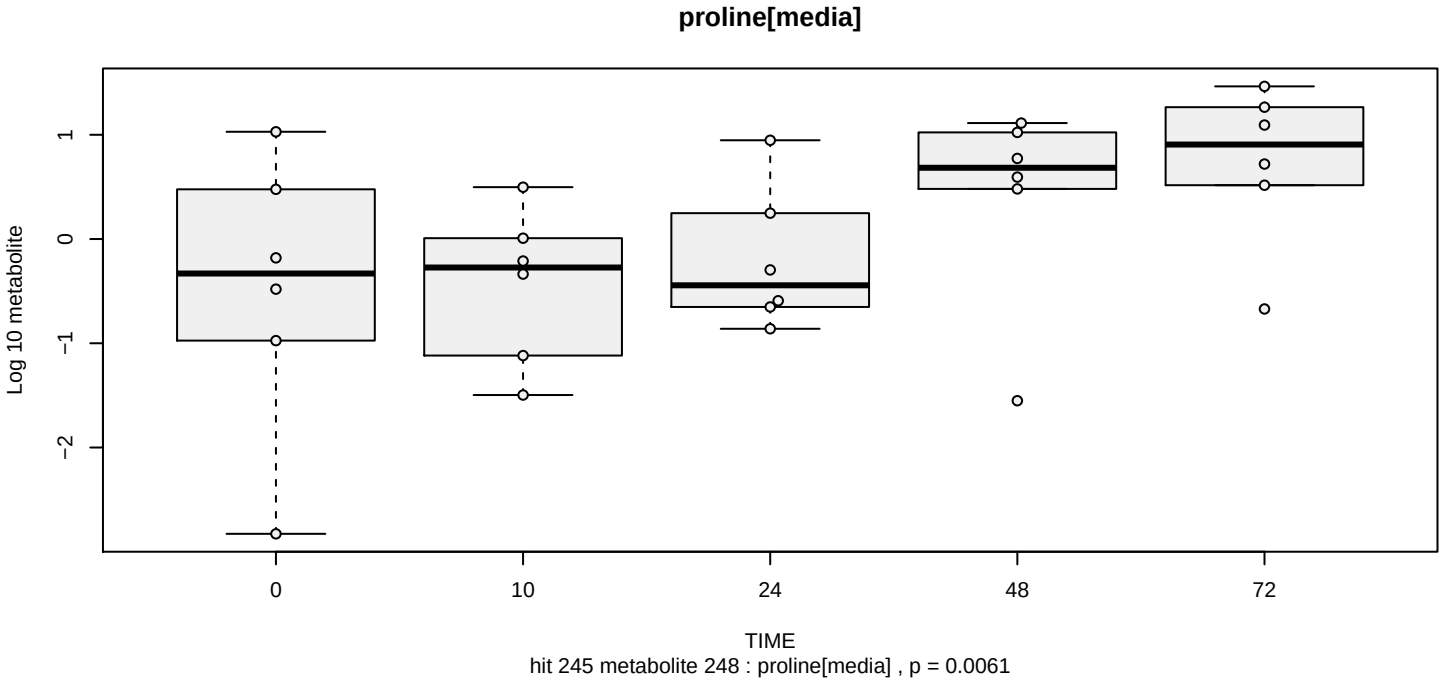
hit 242 metabolite 245 : phosphate[media] , p = 0.22



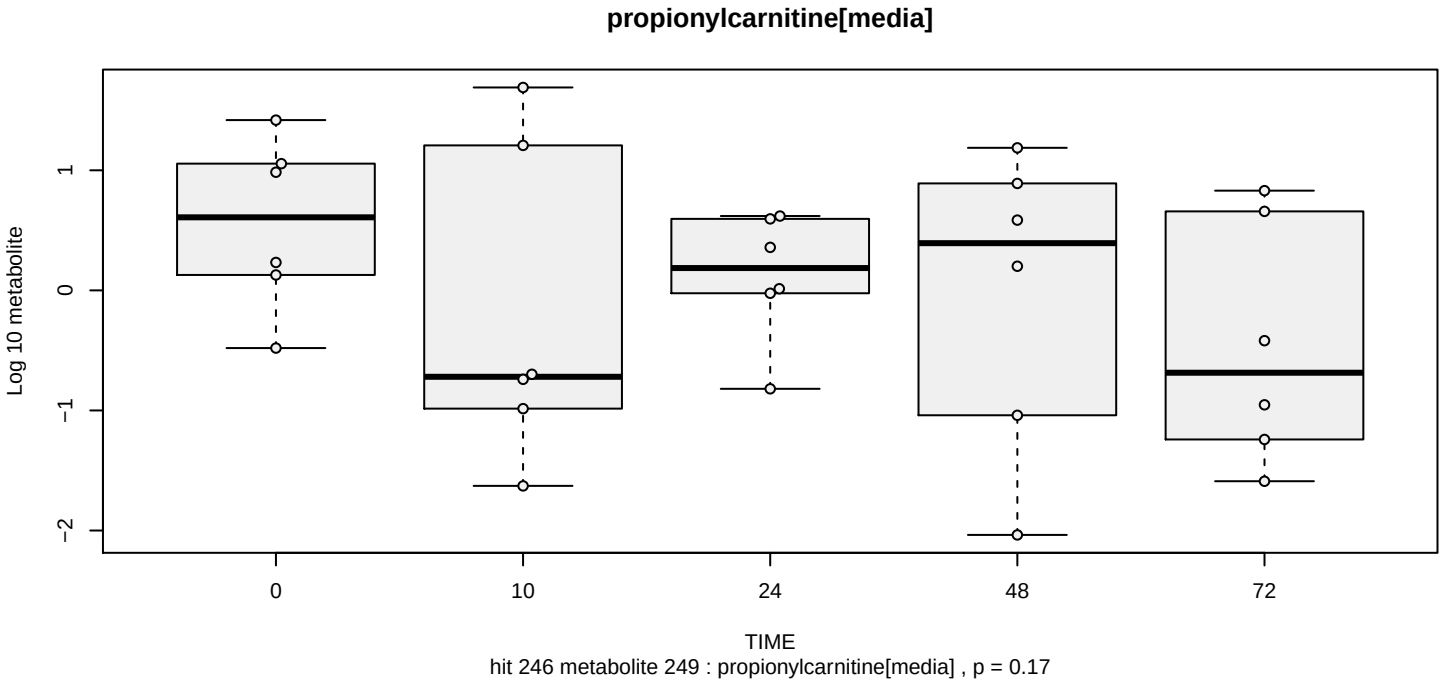
hit 243 metabolite 246 : pipecolate[media] , p = 0.41



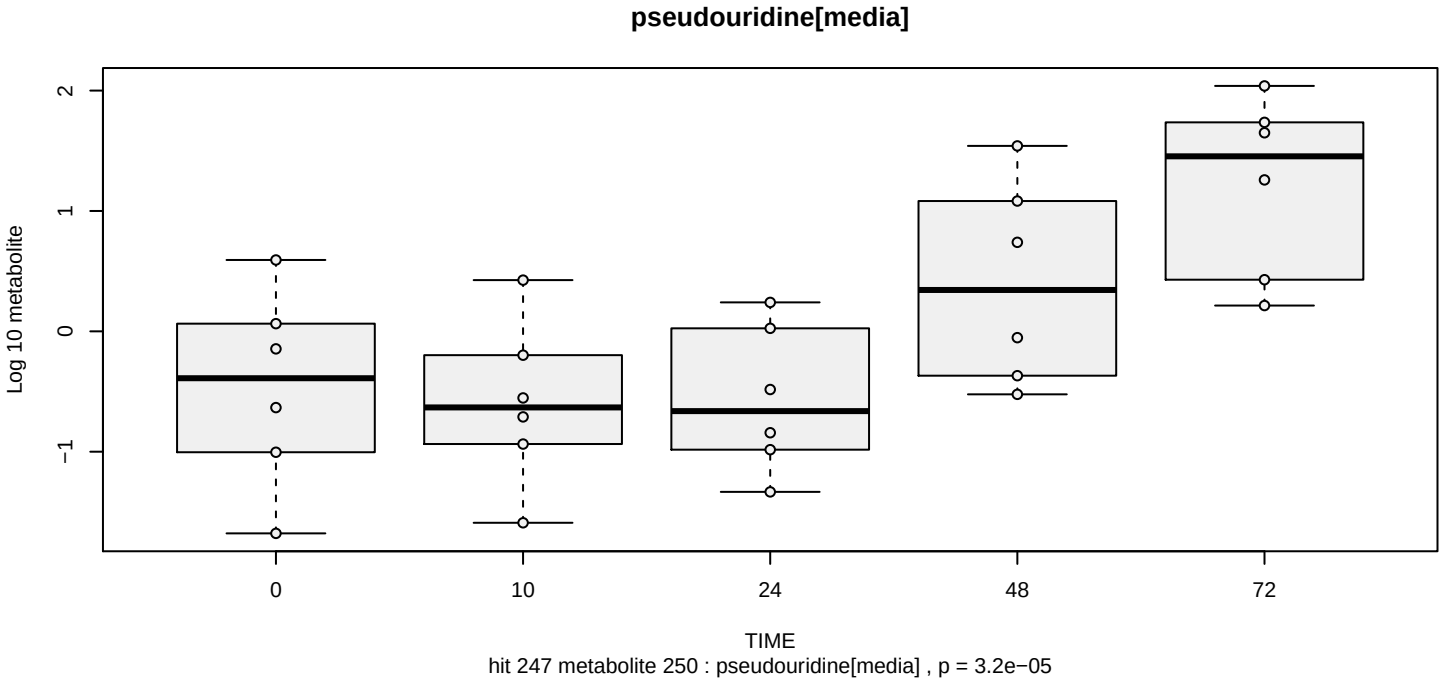
hit 244 metabolite 247 : pro−hydroxy−pro[media] , p = 0.00066



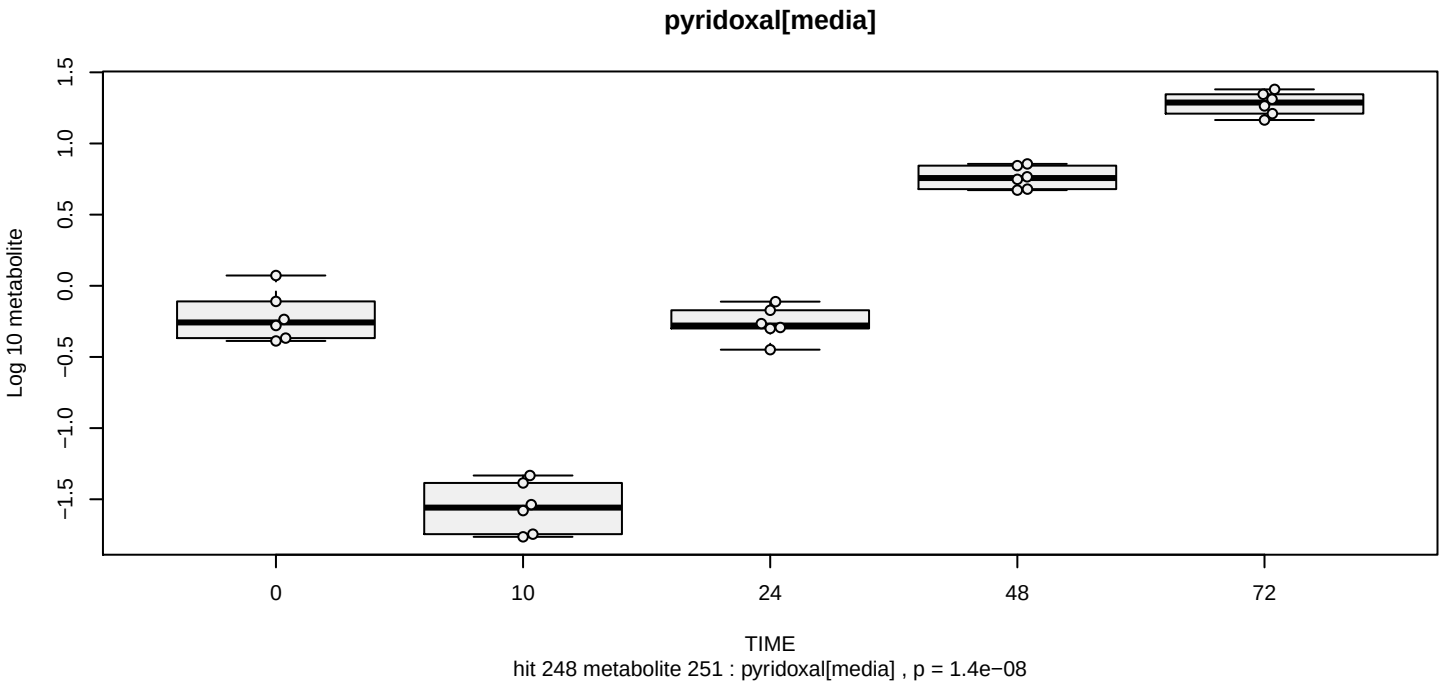
hit 245 metabolite 248 : proline[media] , p = 0.0061



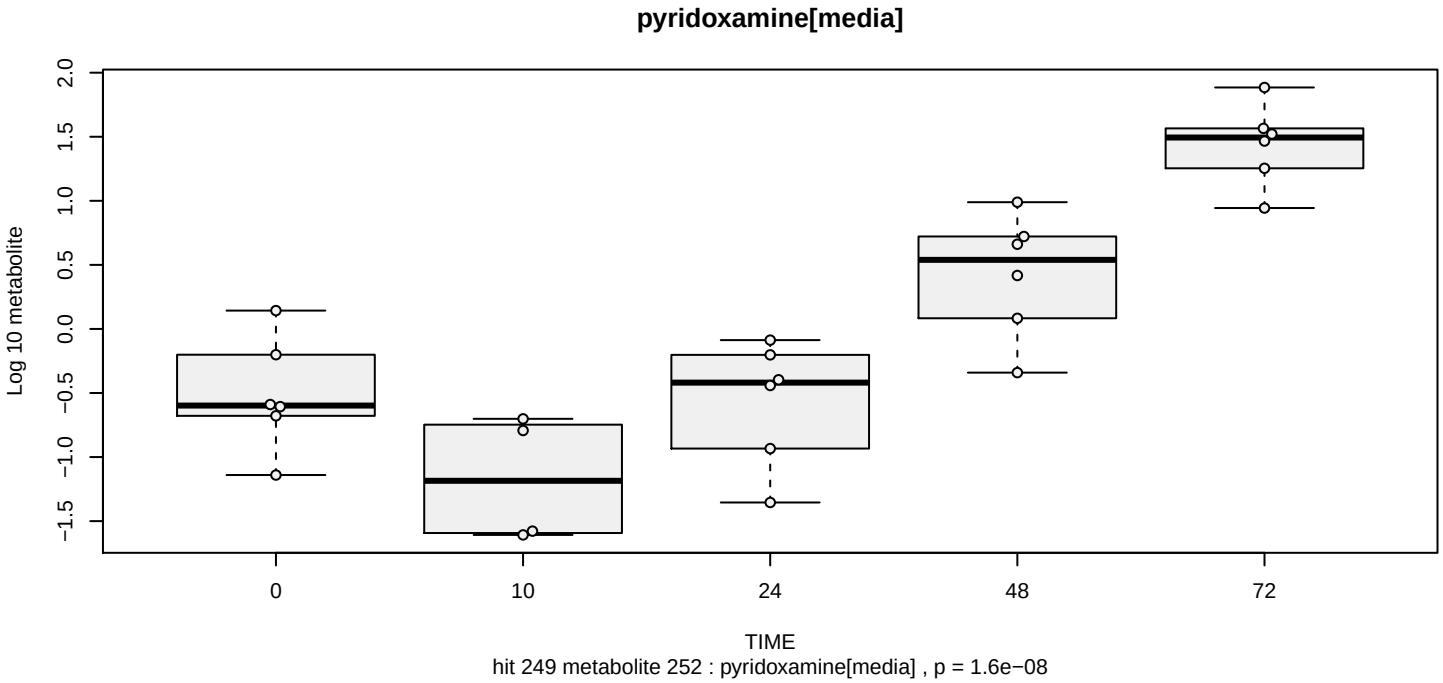
hit 246 metabolite 249 : propionylcarnitine[media] , p = 0.17



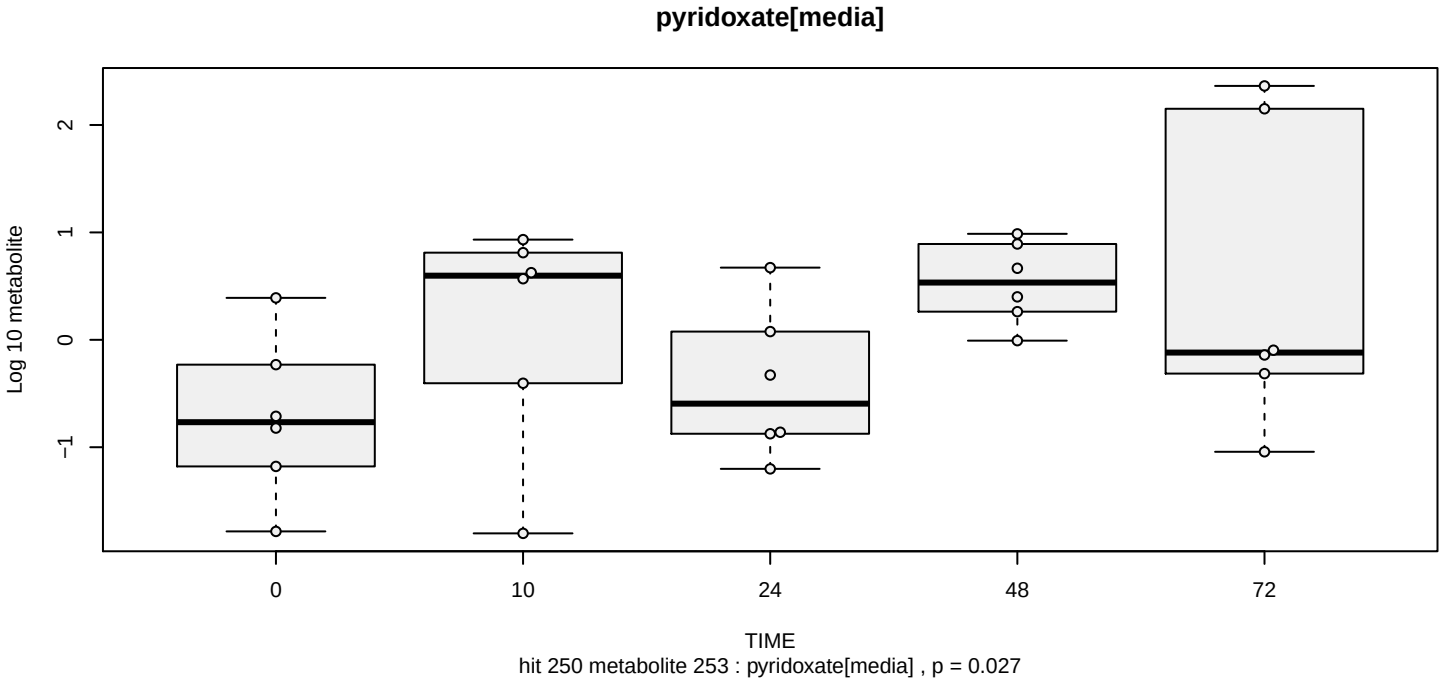
hit 247 metabolite 250 : pseudouridine[media] , p = 3.2e−05



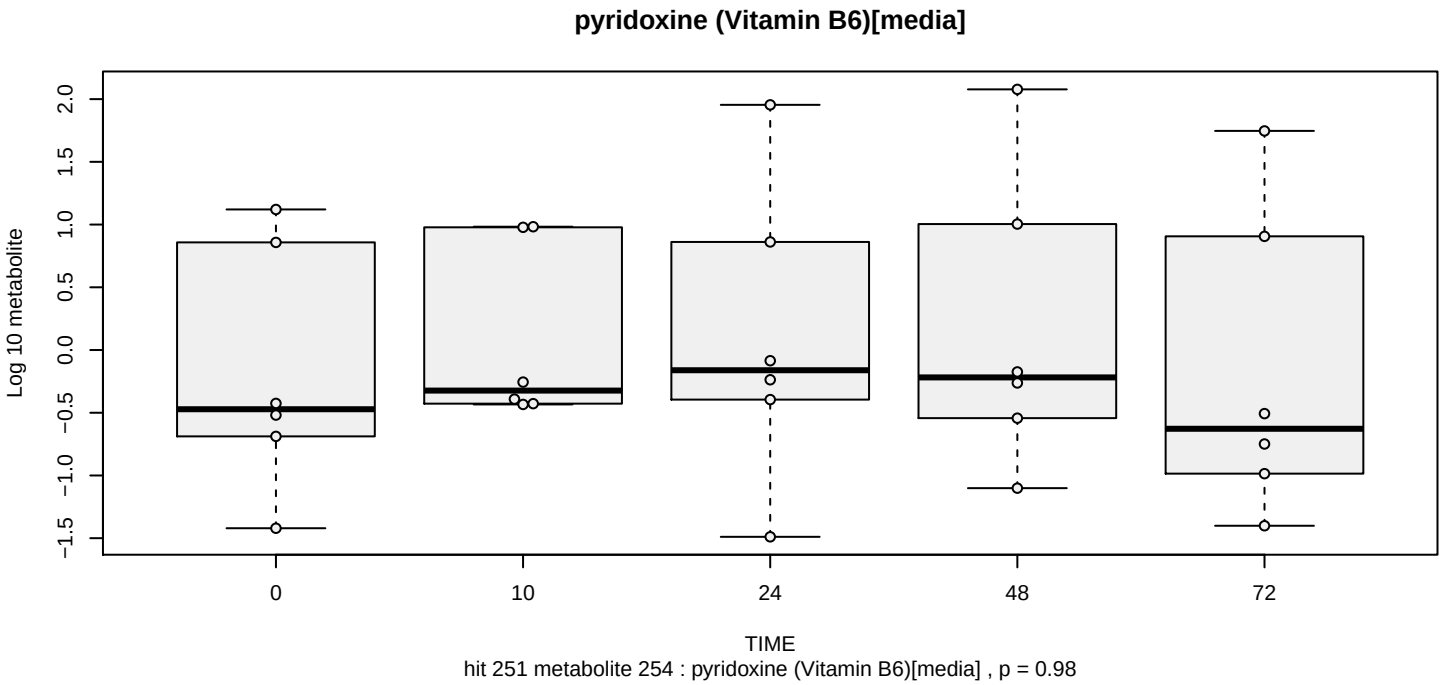
hit 248 metabolite 251 : pyridoxal[media] , p = 1.4e−08



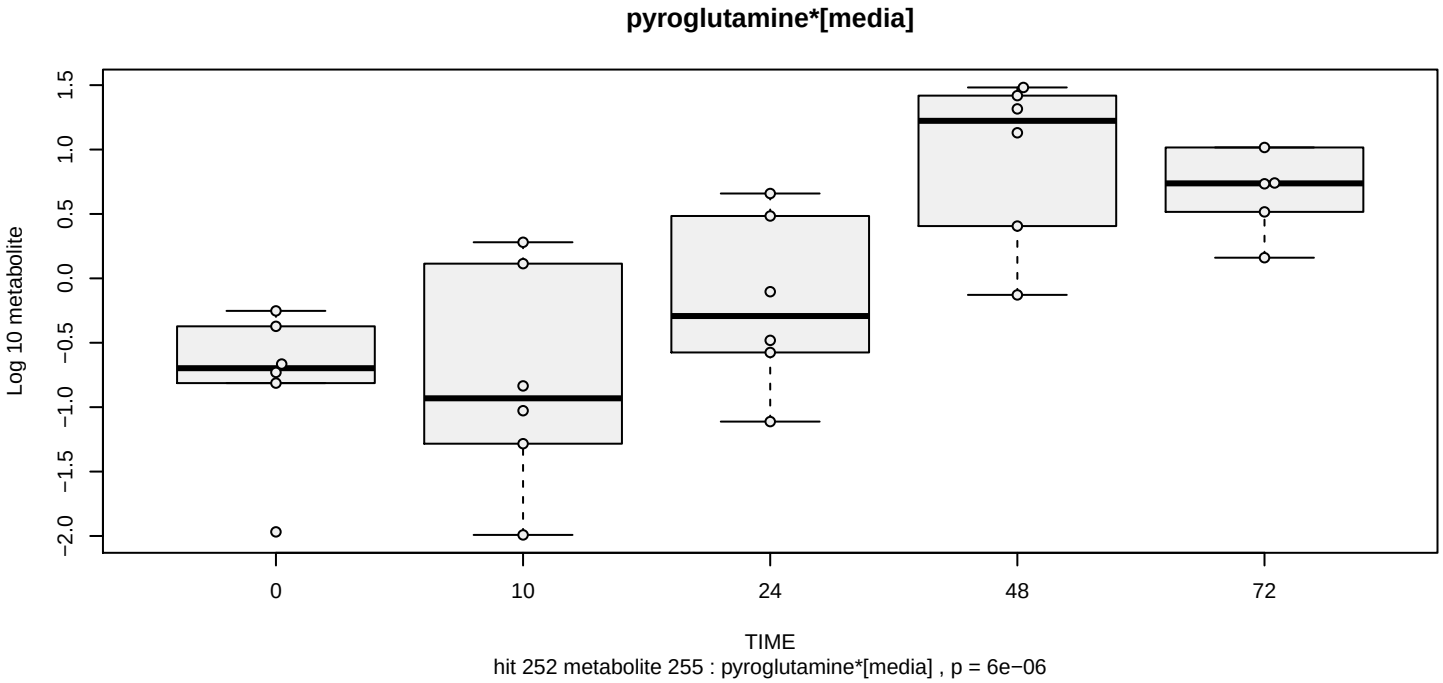
hit 249 metabolite 252 : pyridoxamine[media] , p = 1.6e−08



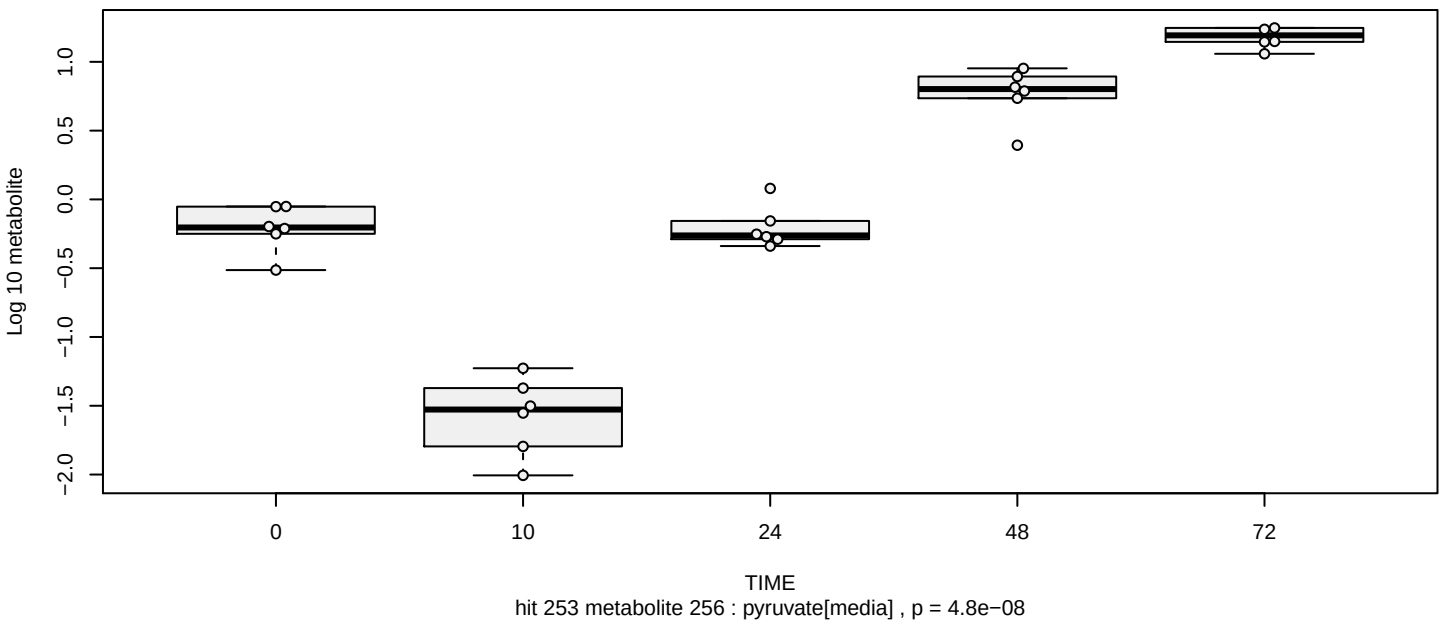
hit 250 metabolite 253 : pyridoxate[media] , p = 0.027



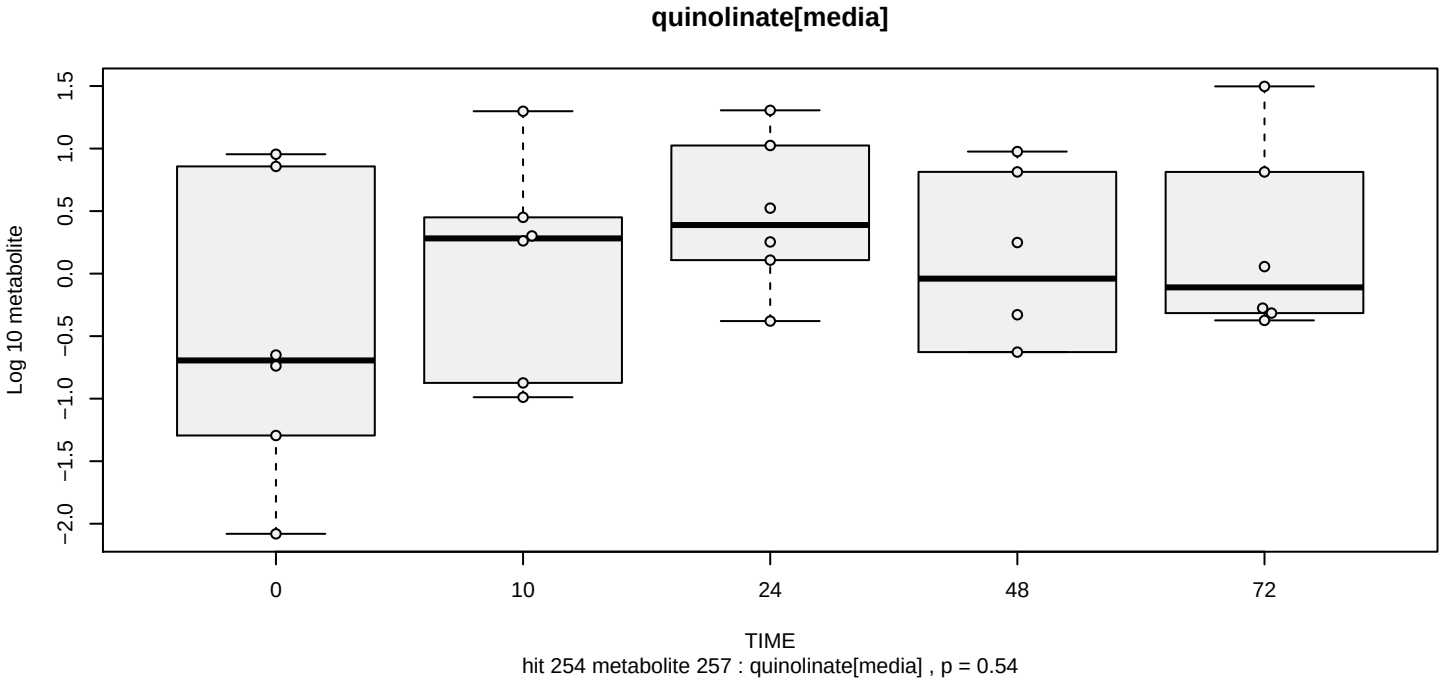
hit 251 metabolite 254 : pyridoxine (Vitamin B6)[media] , p = 0.98



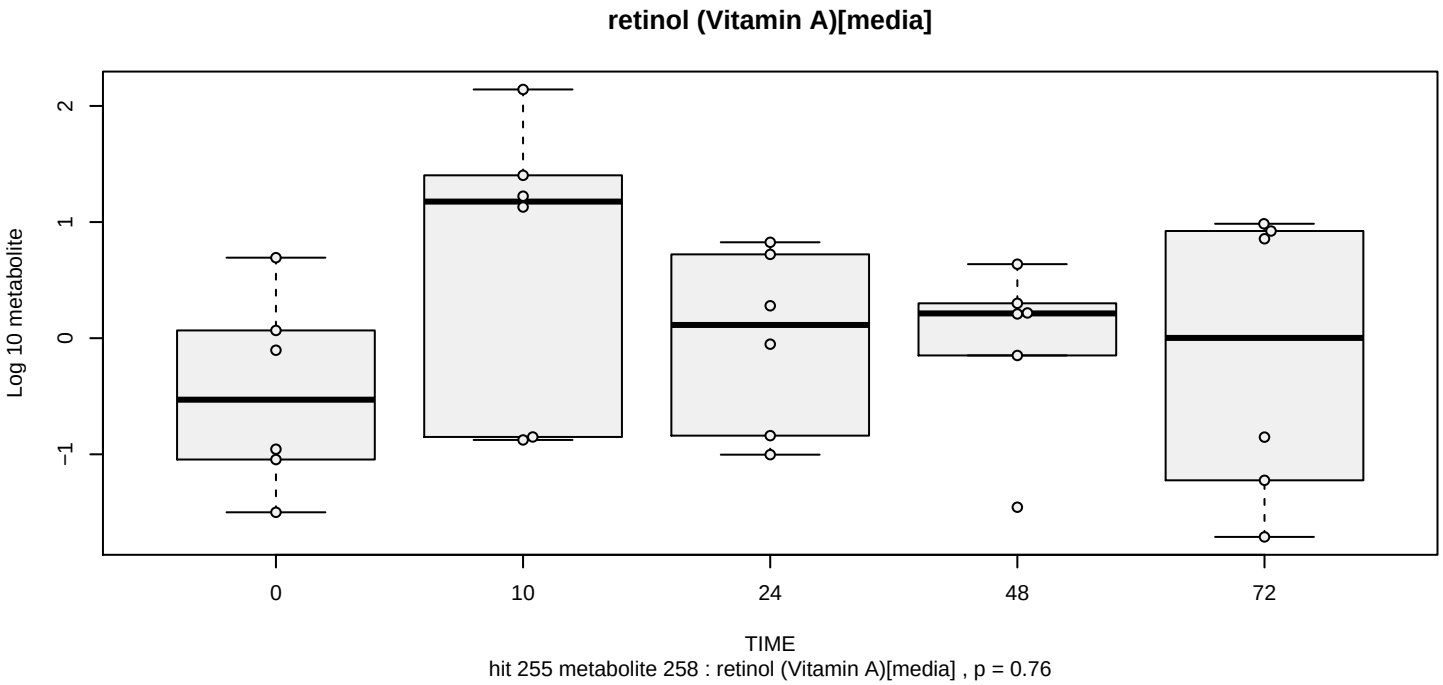
hit 252 metabolite 255 : pyroglutamine*[media] , p = 6e−06



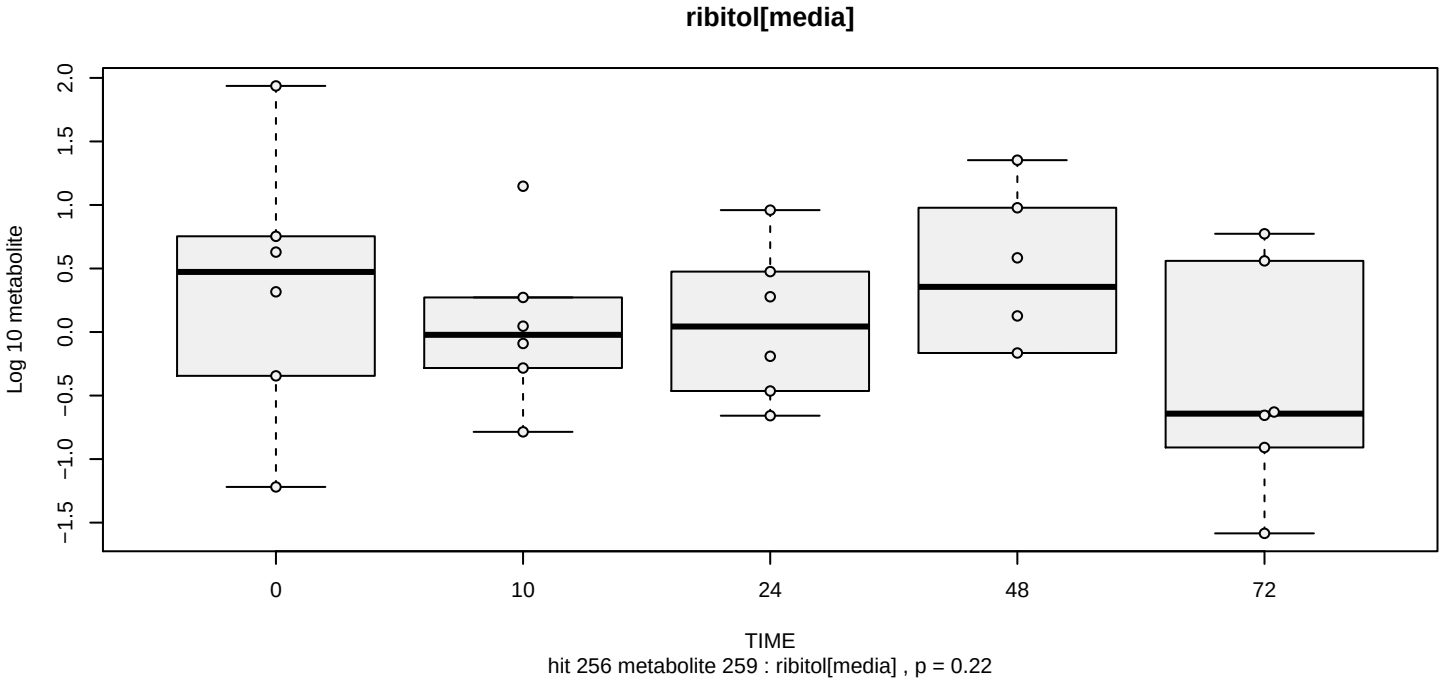
hit 253 metabolite 256 : pyruvate[media] , p = 4.8e−08



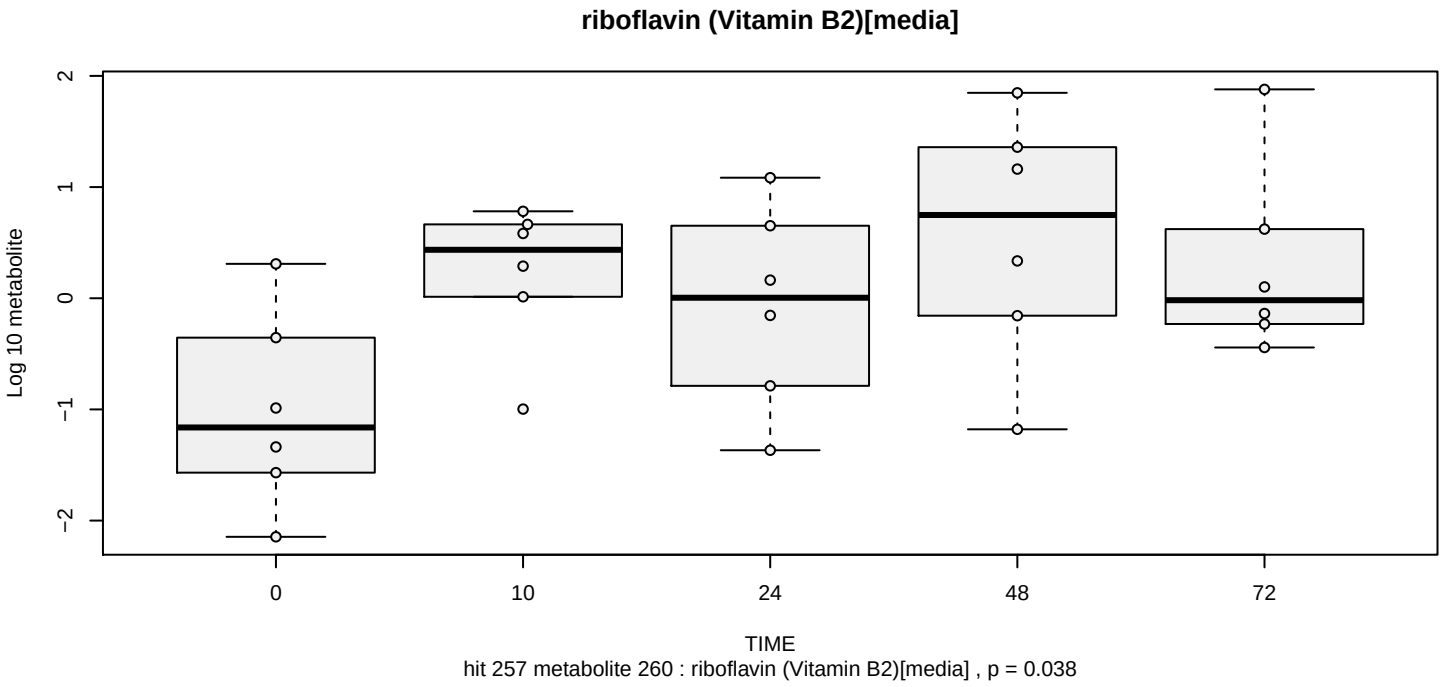
hit 254 metabolite 257 : quinolinate[media] , p = 0.54



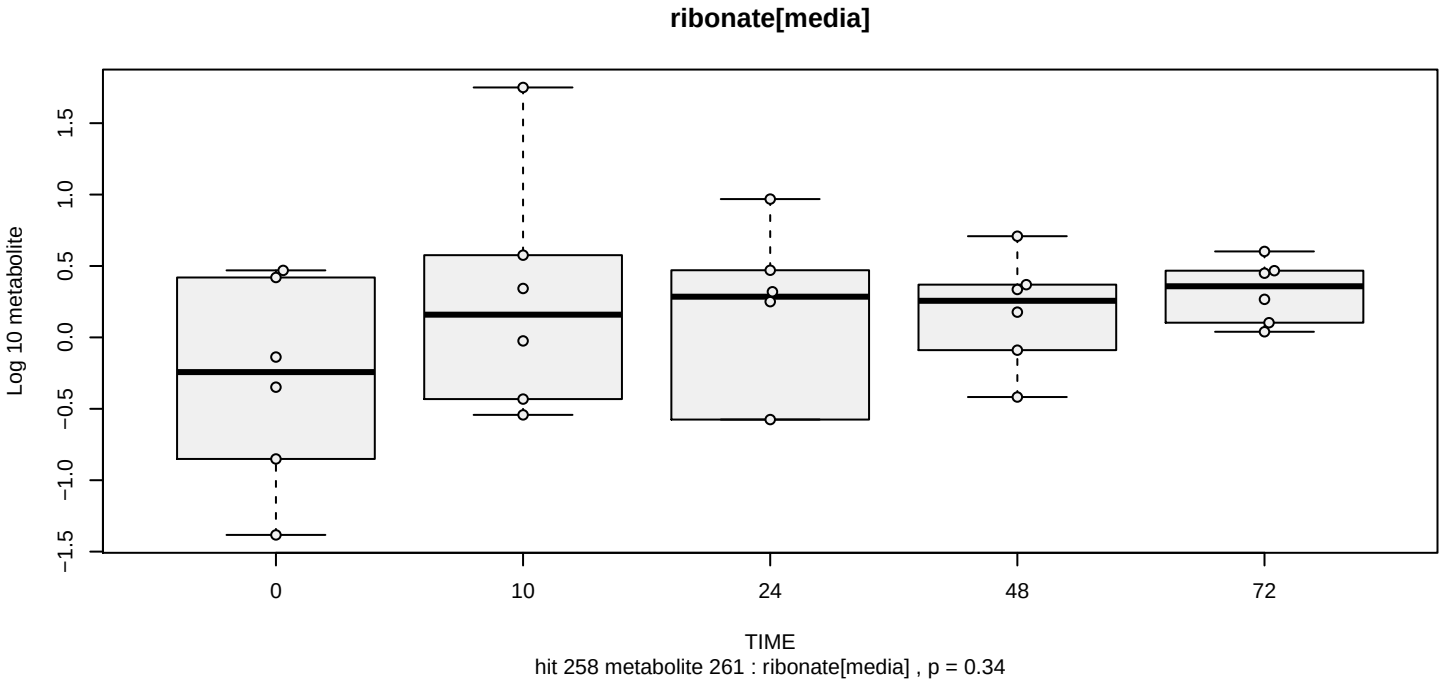
hit 255 metabolite 258 : retinol (Vitamin A)[media] , p = 0.76



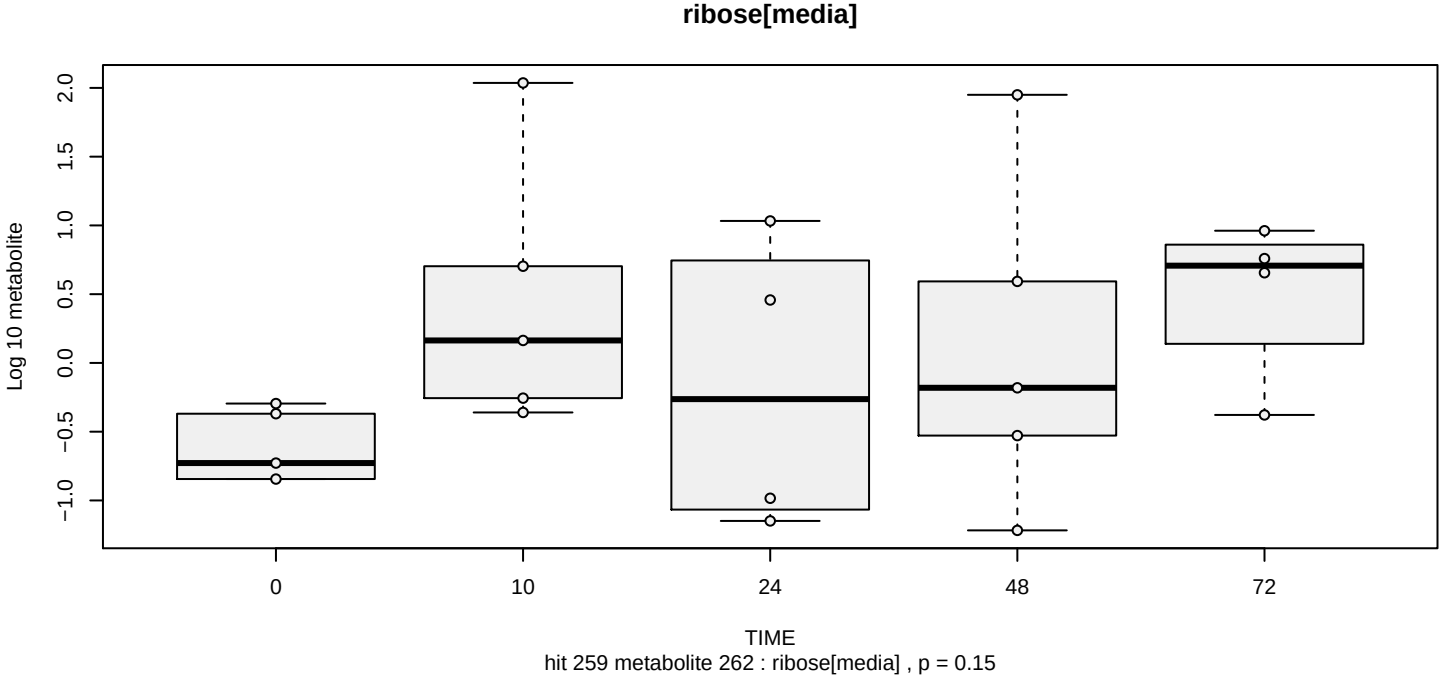
hit 256 metabolite 259 : ribitol[media] , p = 0.22



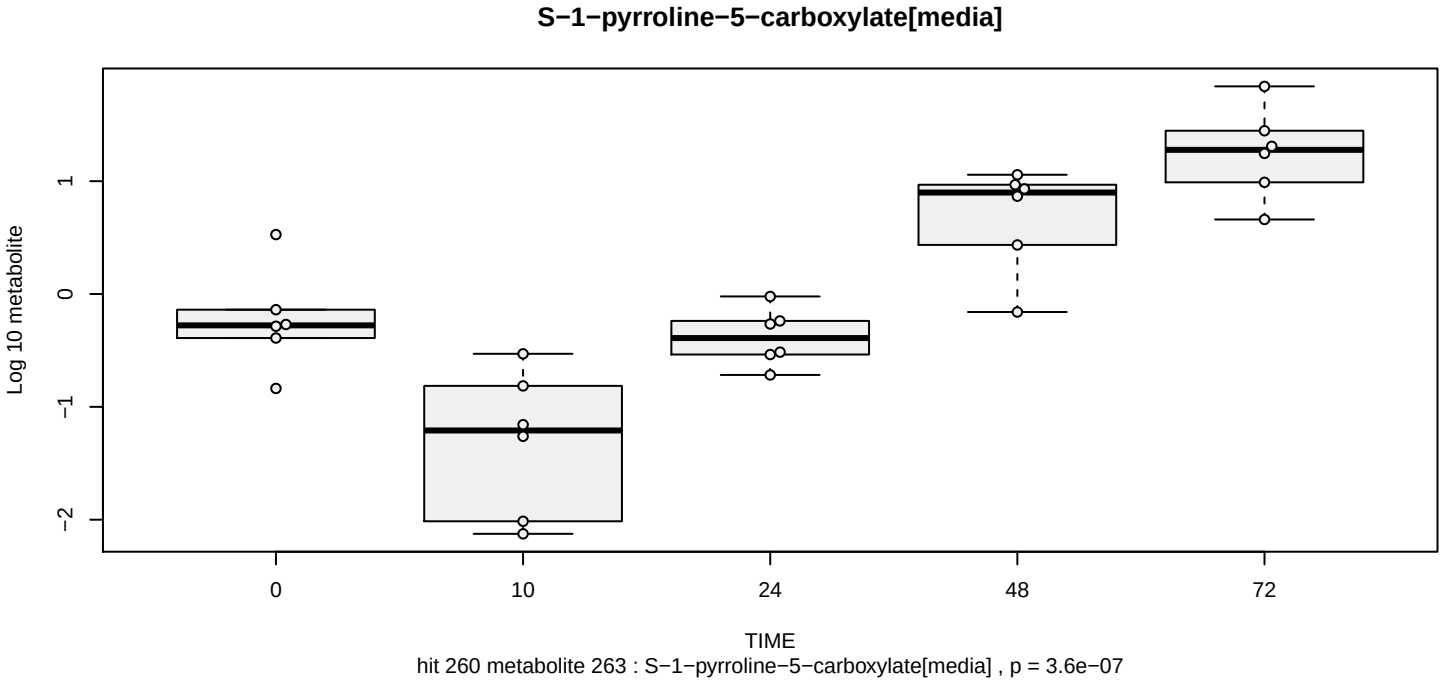
hit 257 metabolite 260 : riboflavin (Vitamin B2)[media] , p = 0.038



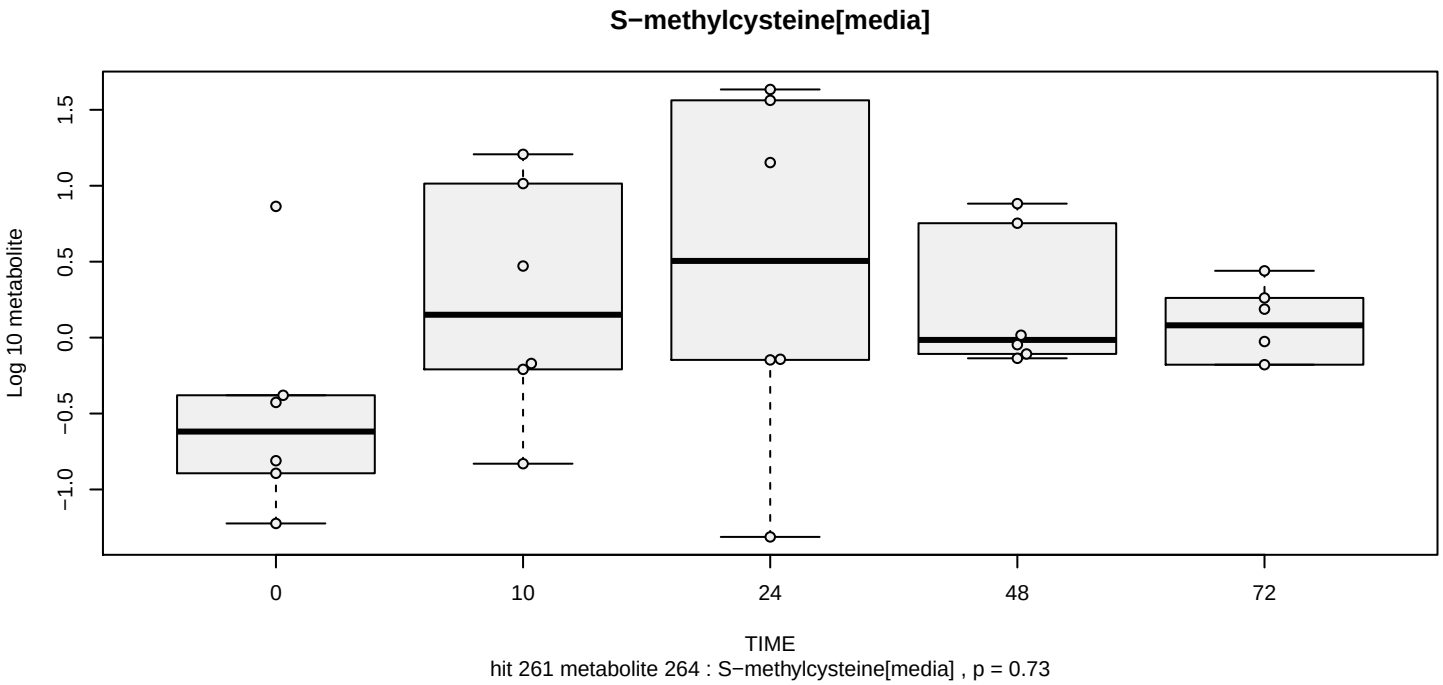
hit 258 metabolite 261 : ribonate[media] , p = 0.34



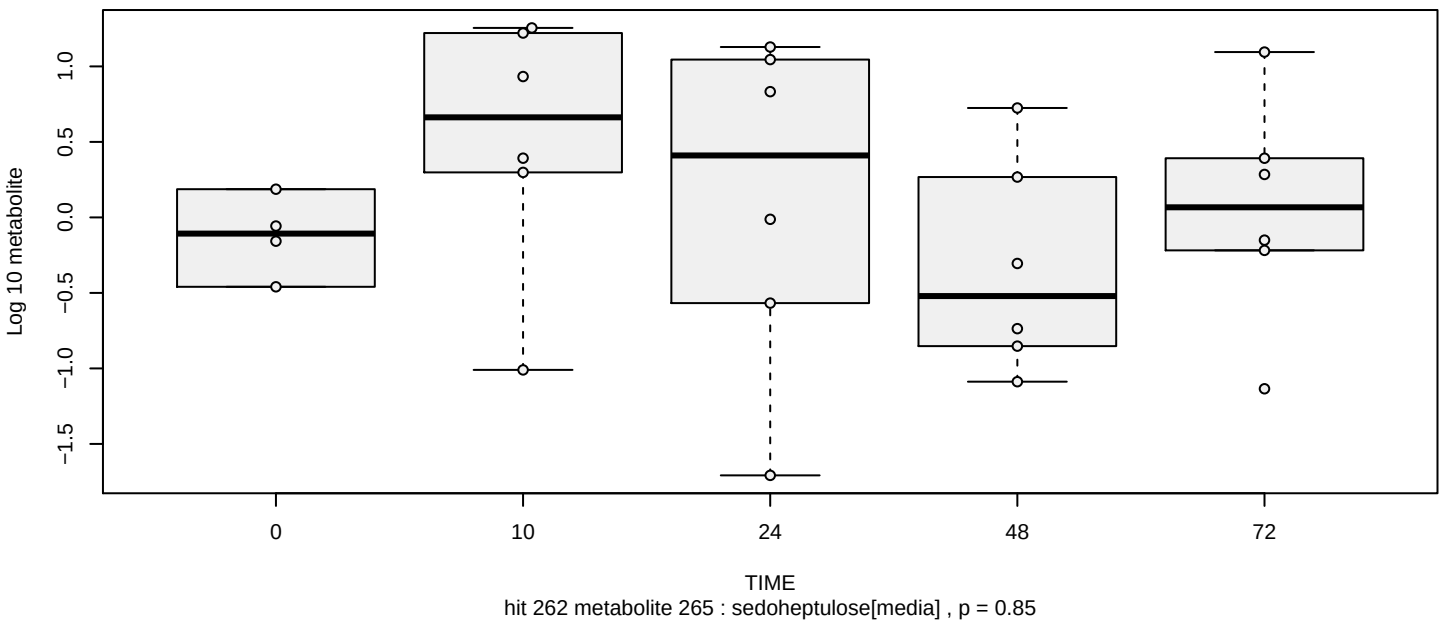
hit 259 metabolite 262 : ribose[media] , p = 0.15



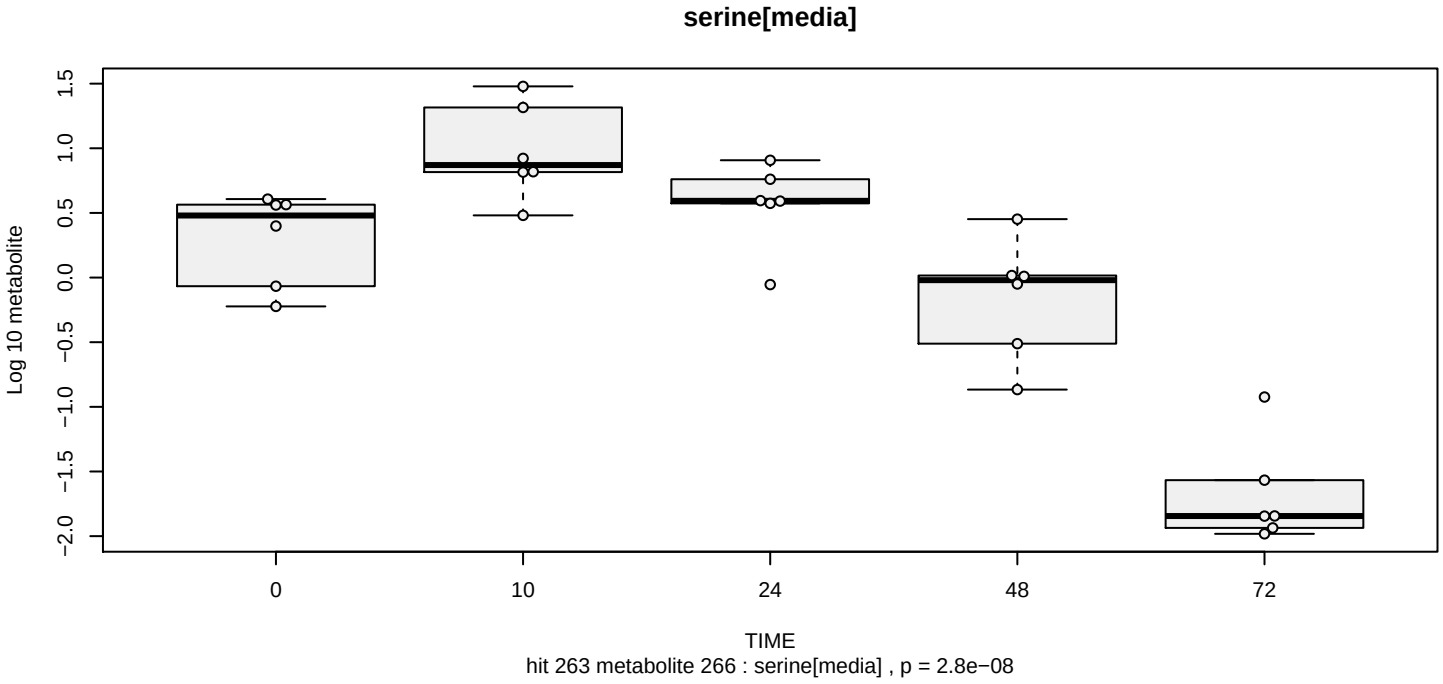
hit 260 metabolite 263 : S−1−pyrroline−5−carboxylate[media] , p = 3.6e−07



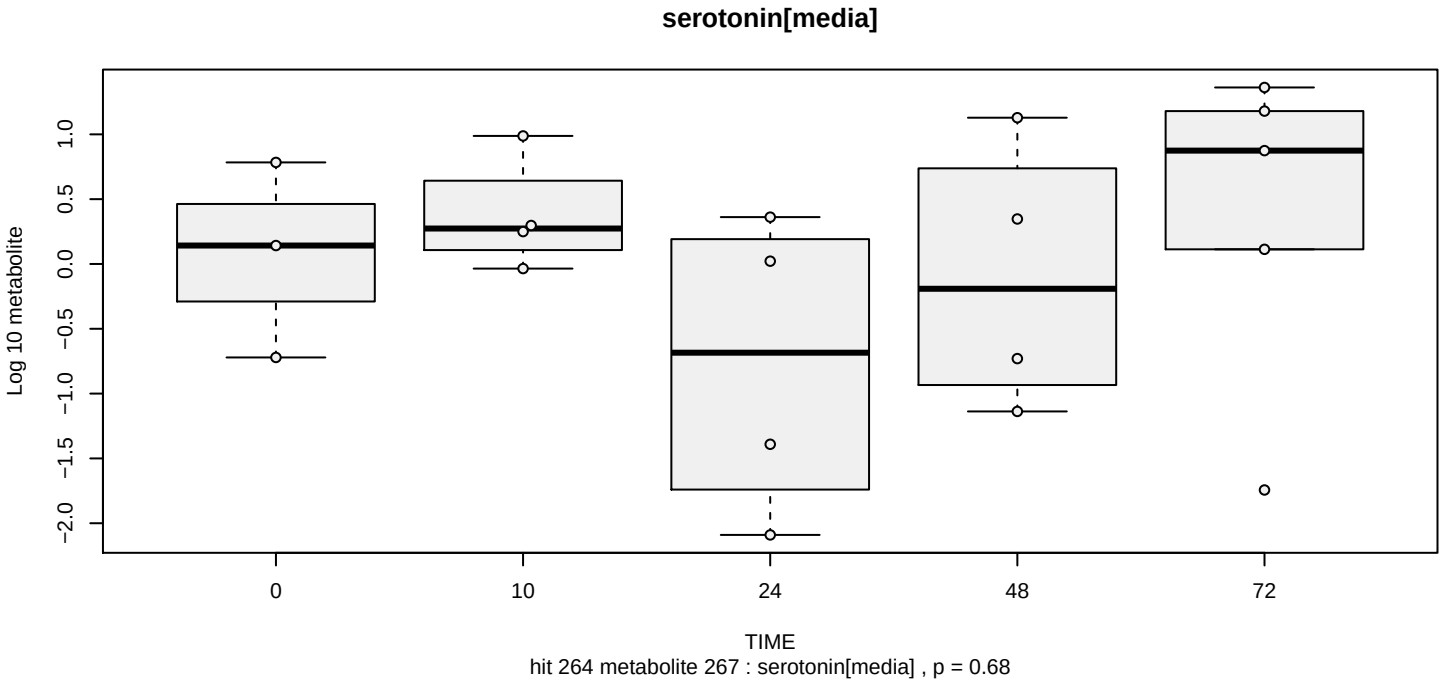
hit 261 metabolite 264 : S−methylcysteine[media] , p = 0.73



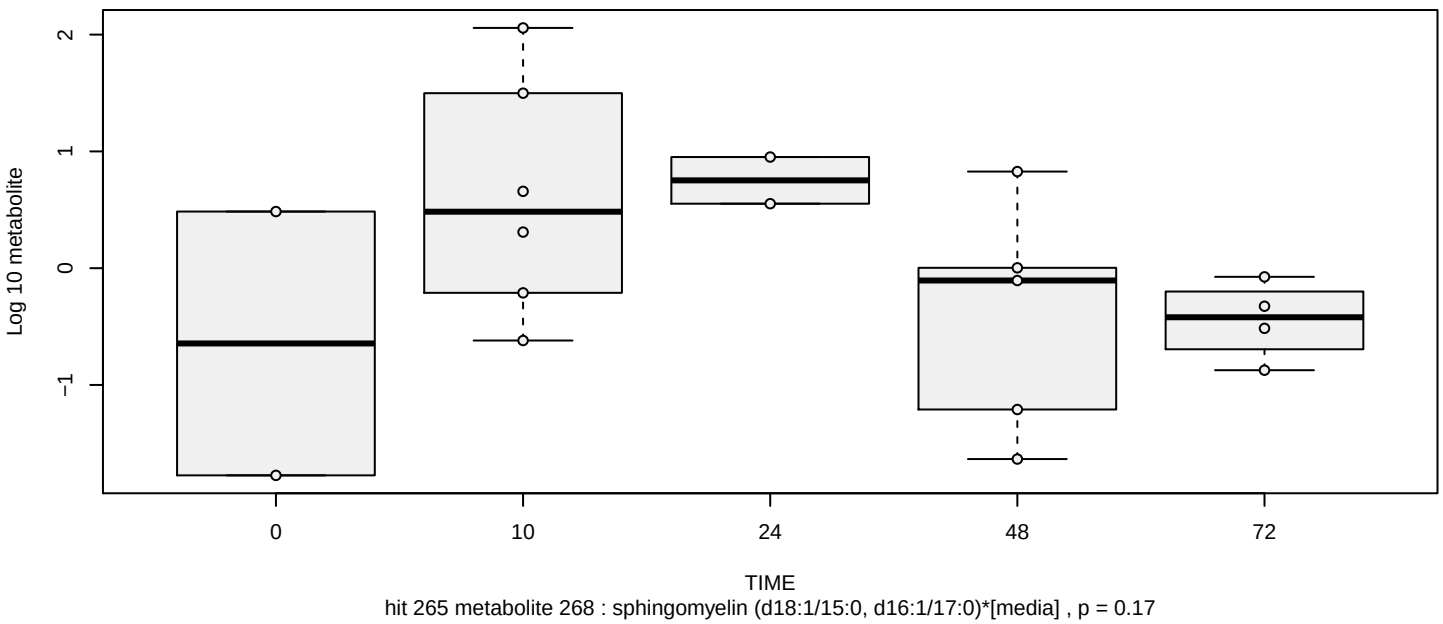
hit 262 metabolite 265 : sedoheptulose[media] , p = 0.85



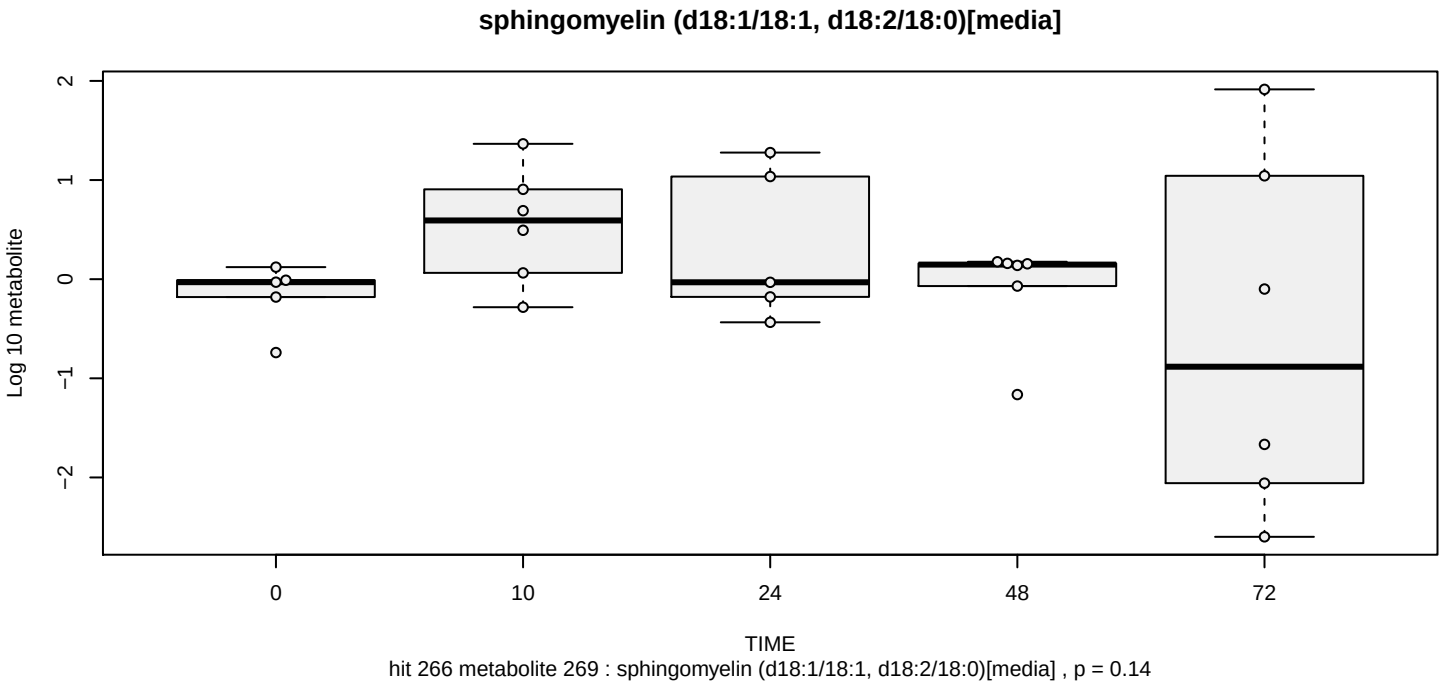
hit 263 metabolite 266 : serine[media] , p = 2.8e−08



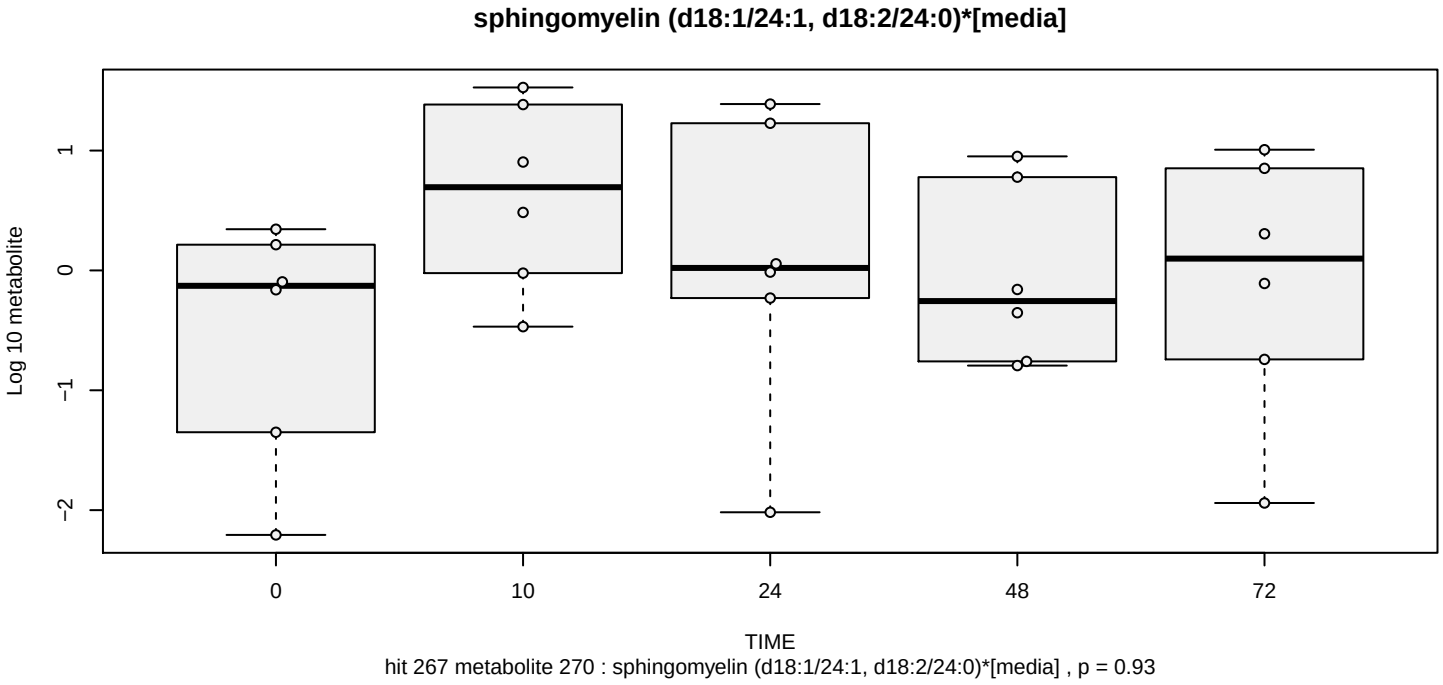
hit 264 metabolite 267 : serotonin[media] , p = 0.68



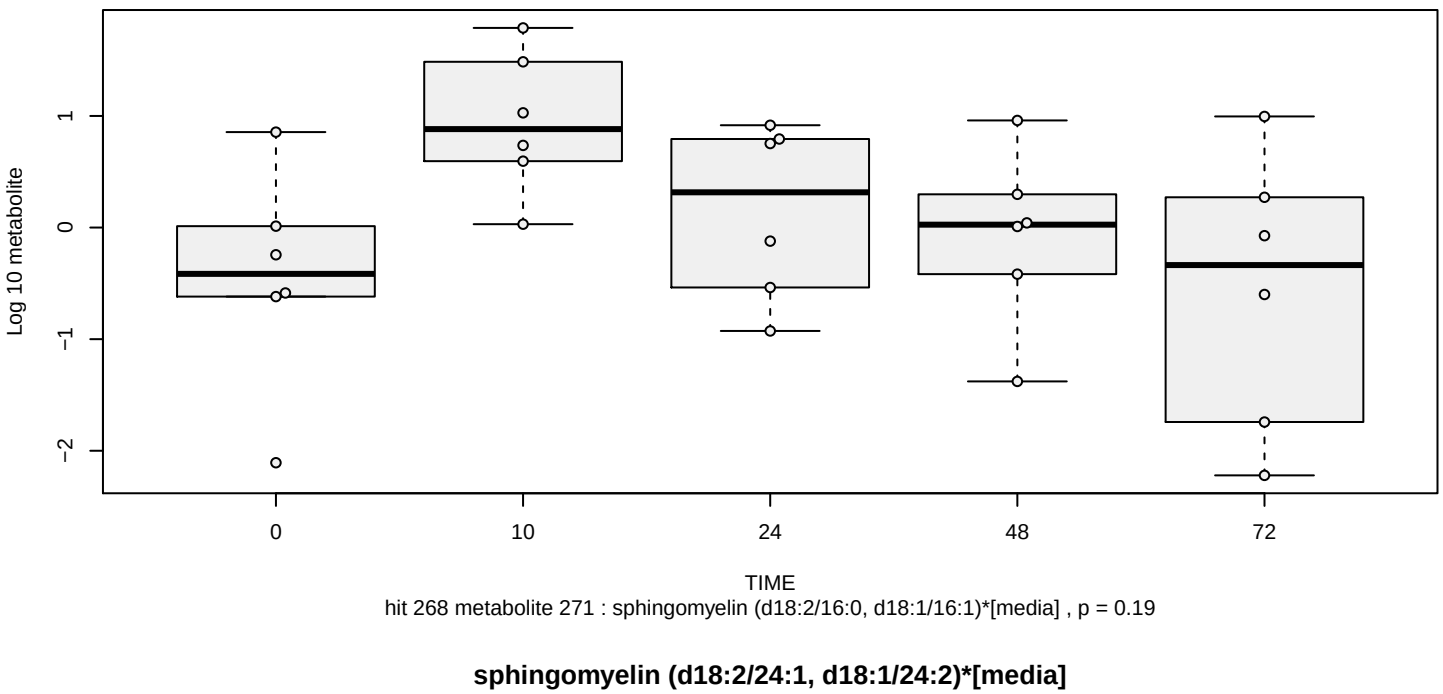
hit 265 metabolite 268 : sphingomyelin (d18:1/15:0, d16:1/17:0)*[media] , p = 0.17



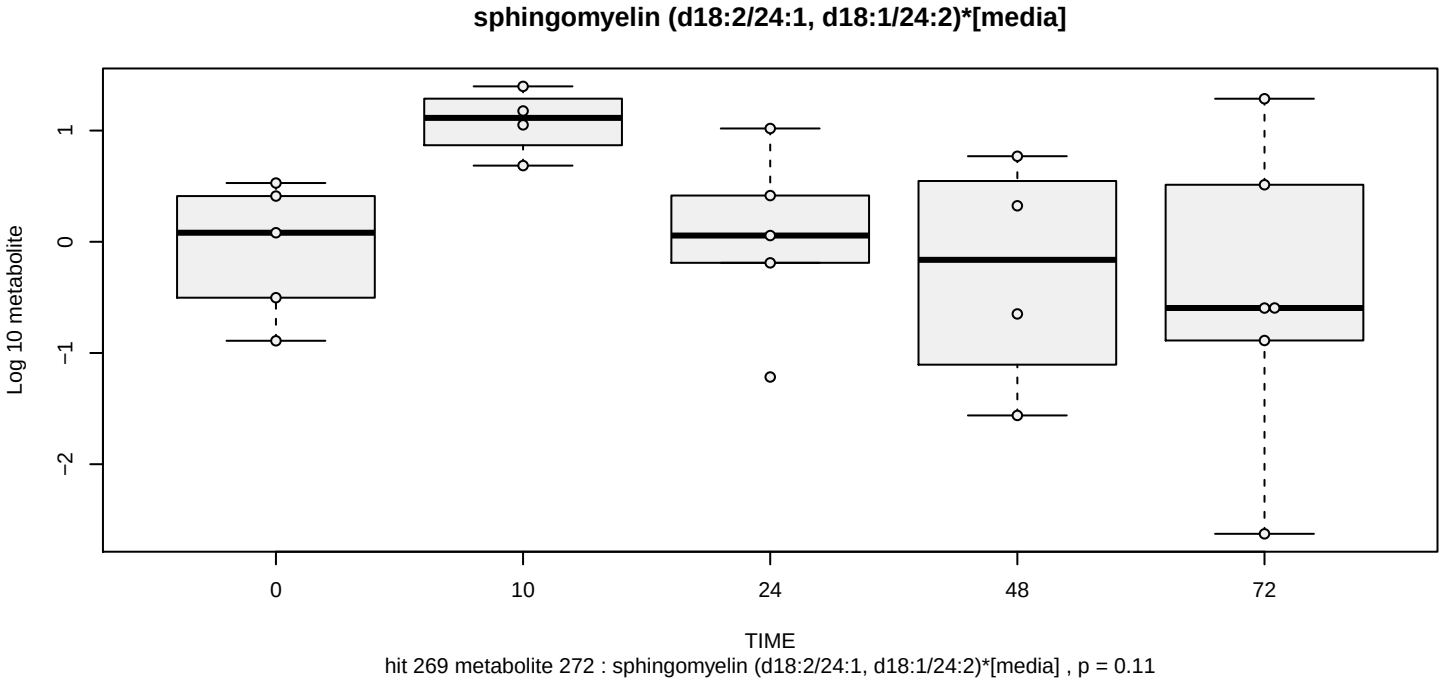
hit 266 metabolite 269 : sphingomyelin (d18:1/18:1, d18:2/18:0)[media] , p = 0.14



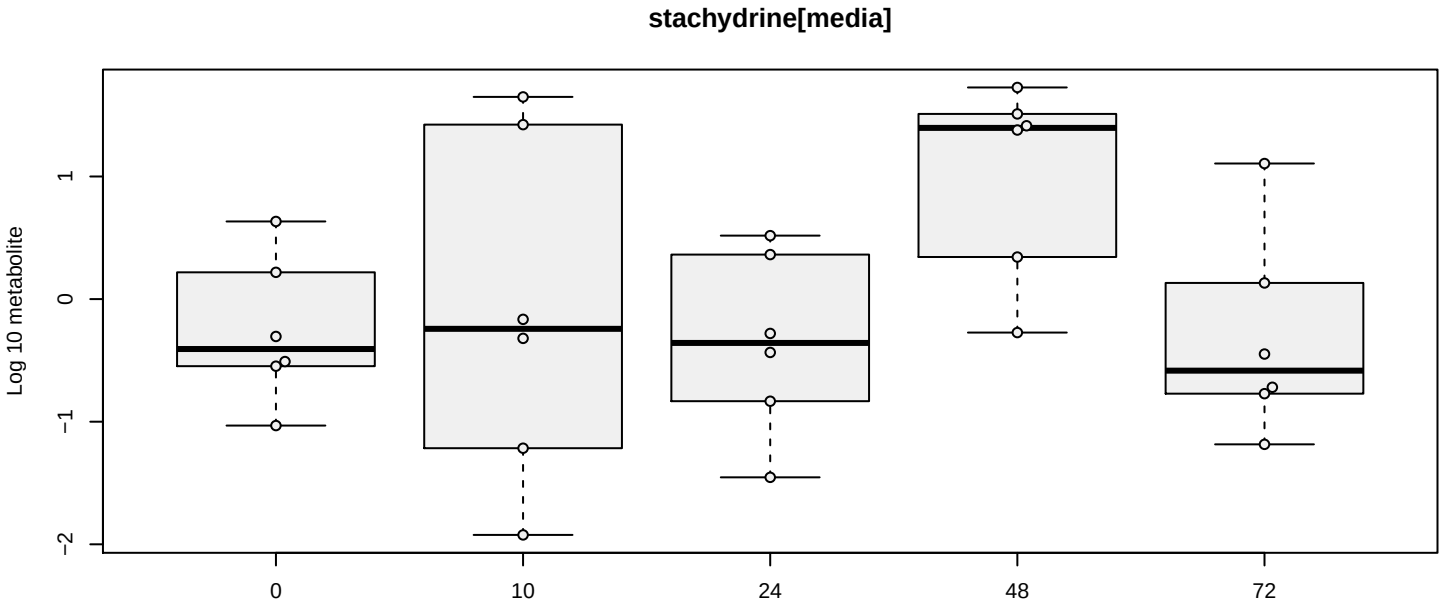
hit 267 metabolite 270 : sphingomyelin (d18:1/24:1, d18:2/24:0)*[media] , p = 0.93



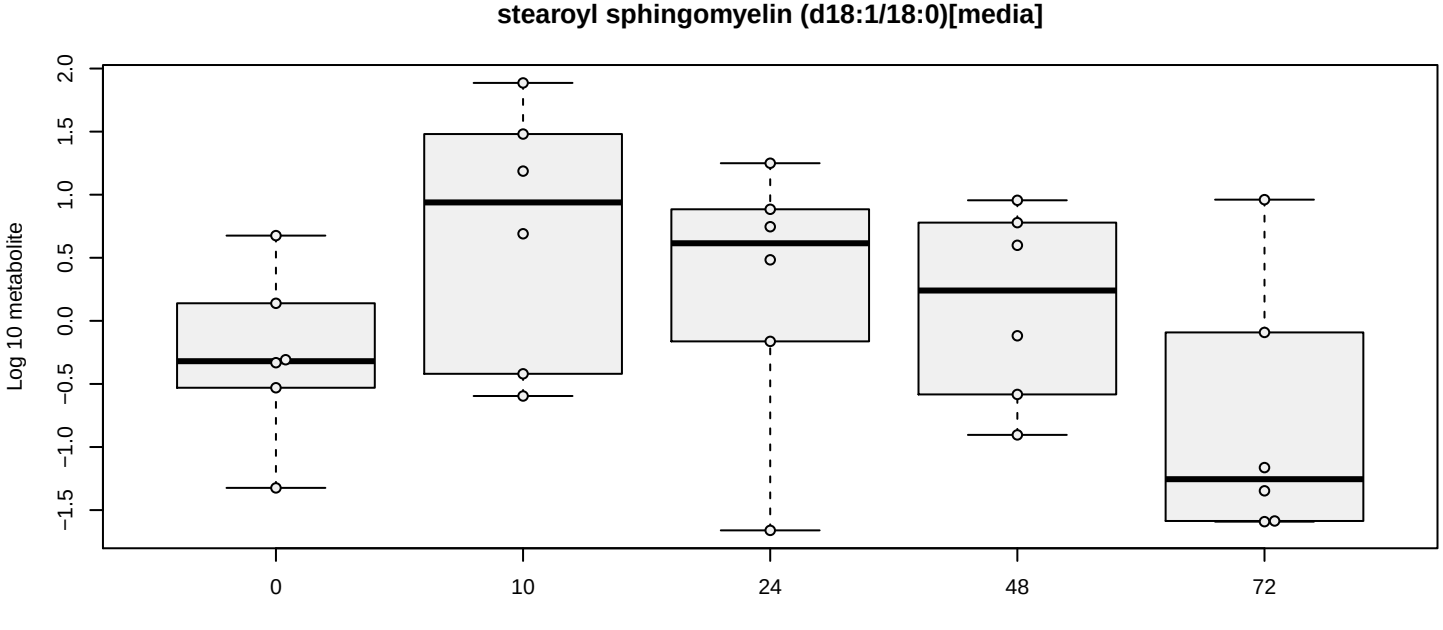
hit 268 metabolite 271 : sphingomyelin (d18:2/16:0, d18:1/16:1)*[media] , p = 0.19



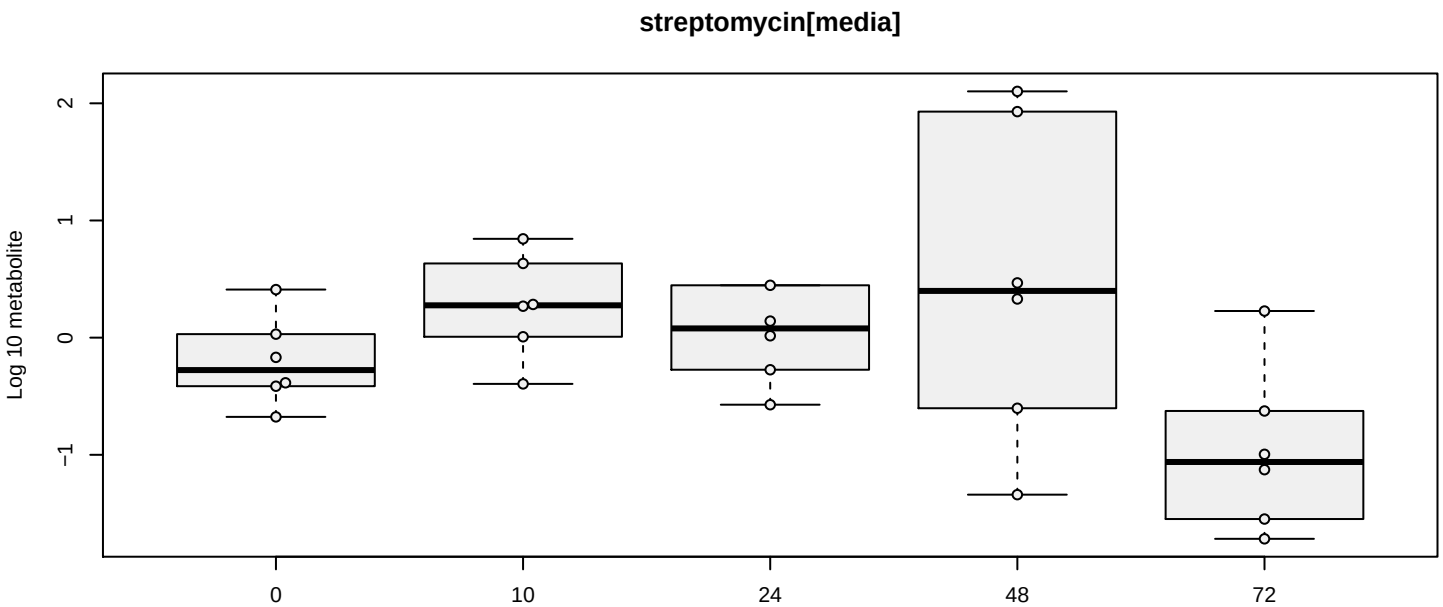
hit 269 metabolite 272 : sphingomyelin (d18:2/24:1, d18:1/24:2)*[media] , p = 0.11



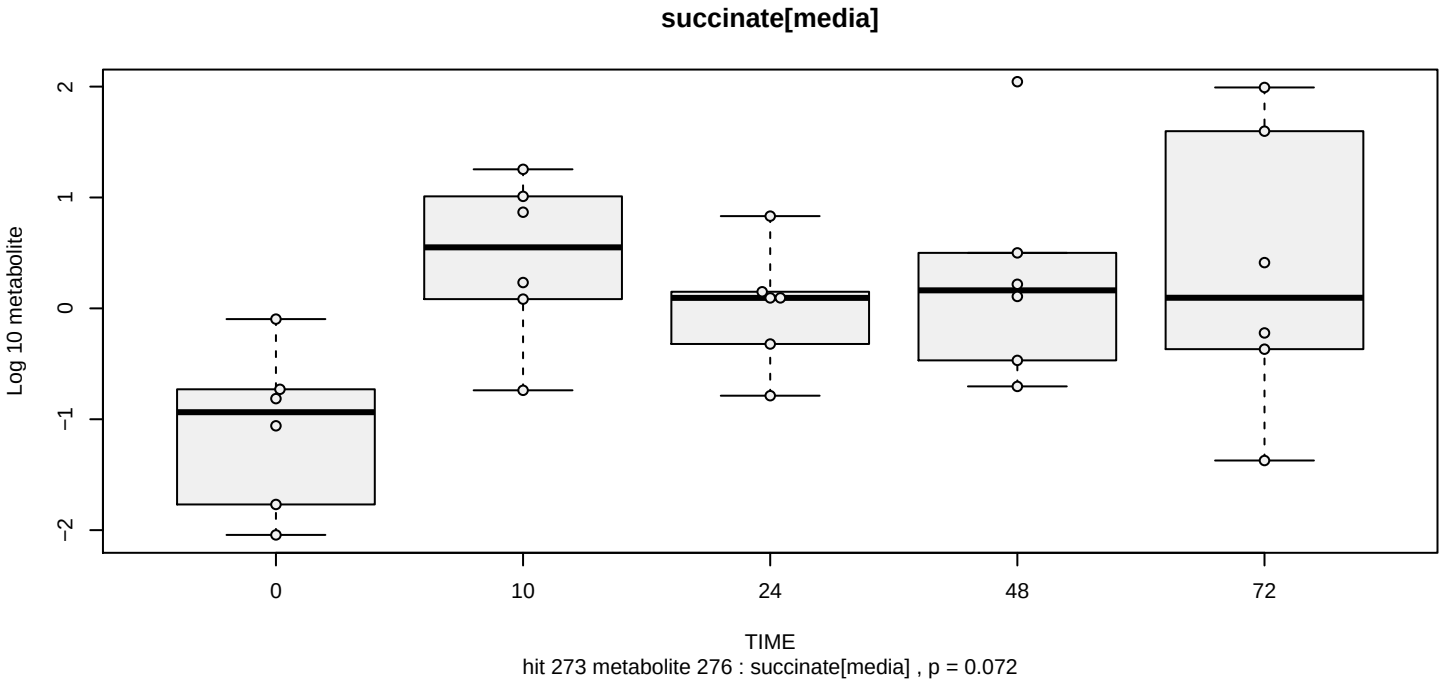
hit 270 metabolite 273 : stachydrine[media] , p = 0.49



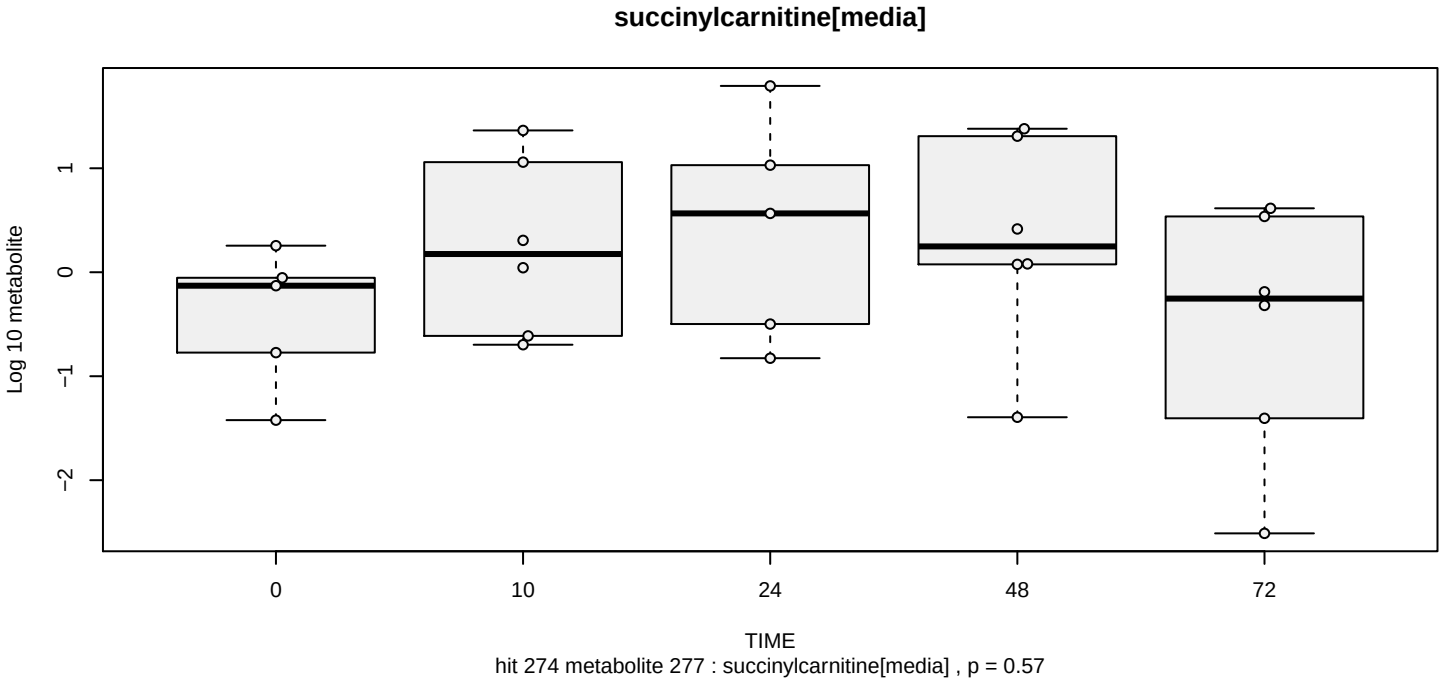
hit 271 metabolite 274 : stearoyl sphingomyelin (d18:1/18:0)[media] , p = 0.11



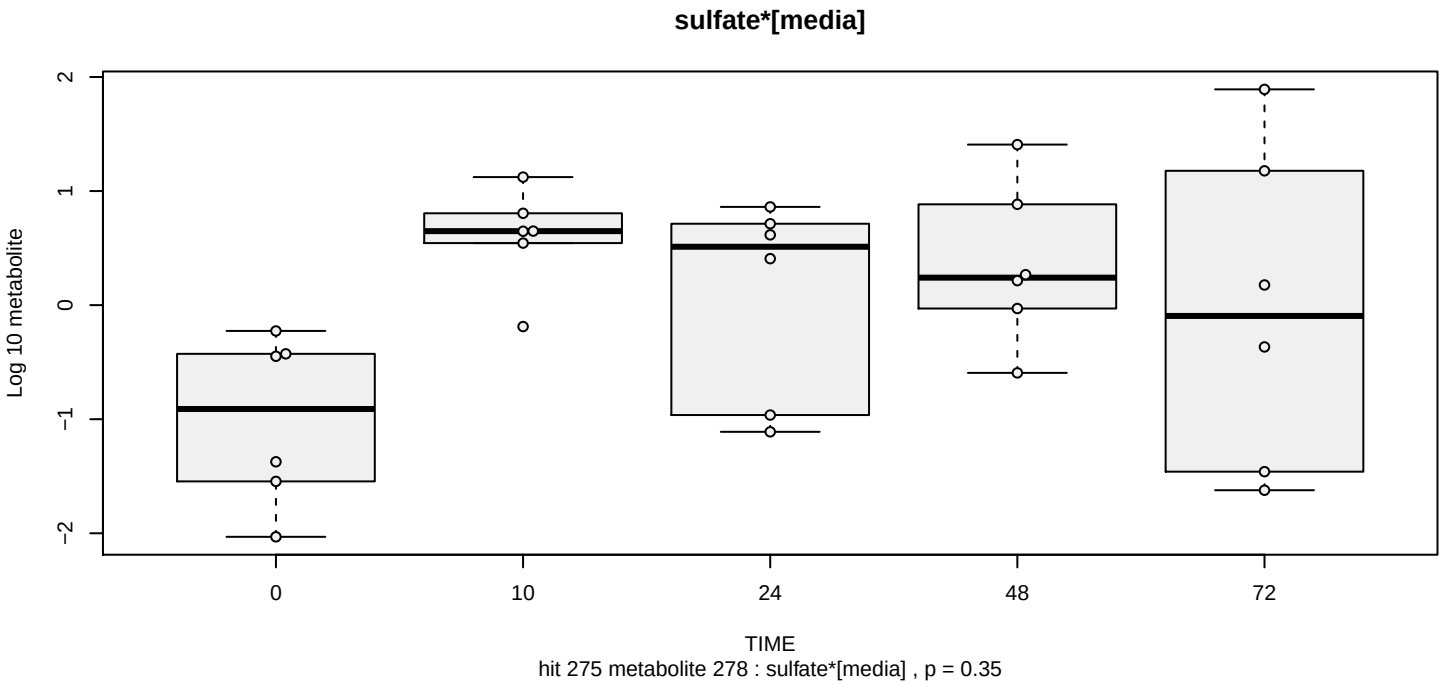
hit 272 metabolite 275 : streptomycin[media] , p = 0.16



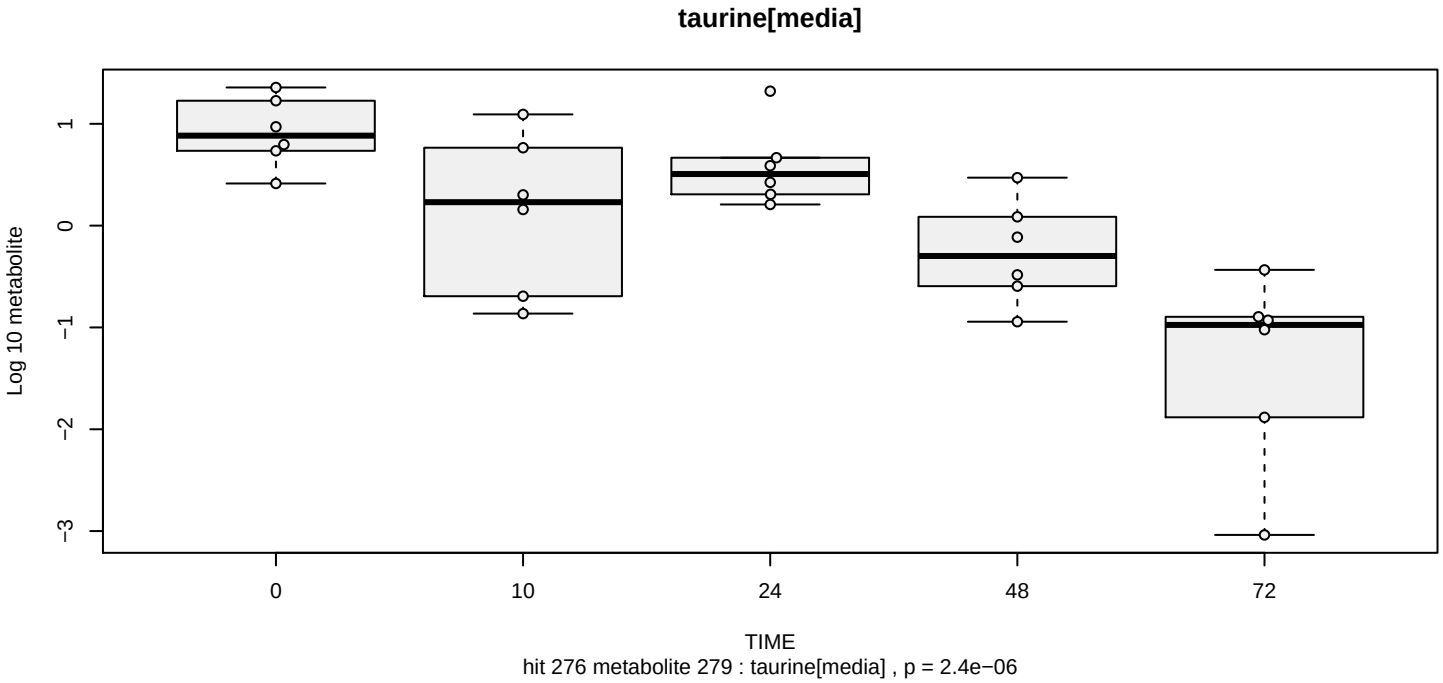
hit 273 metabolite 276 : succinate[media] , p = 0.072



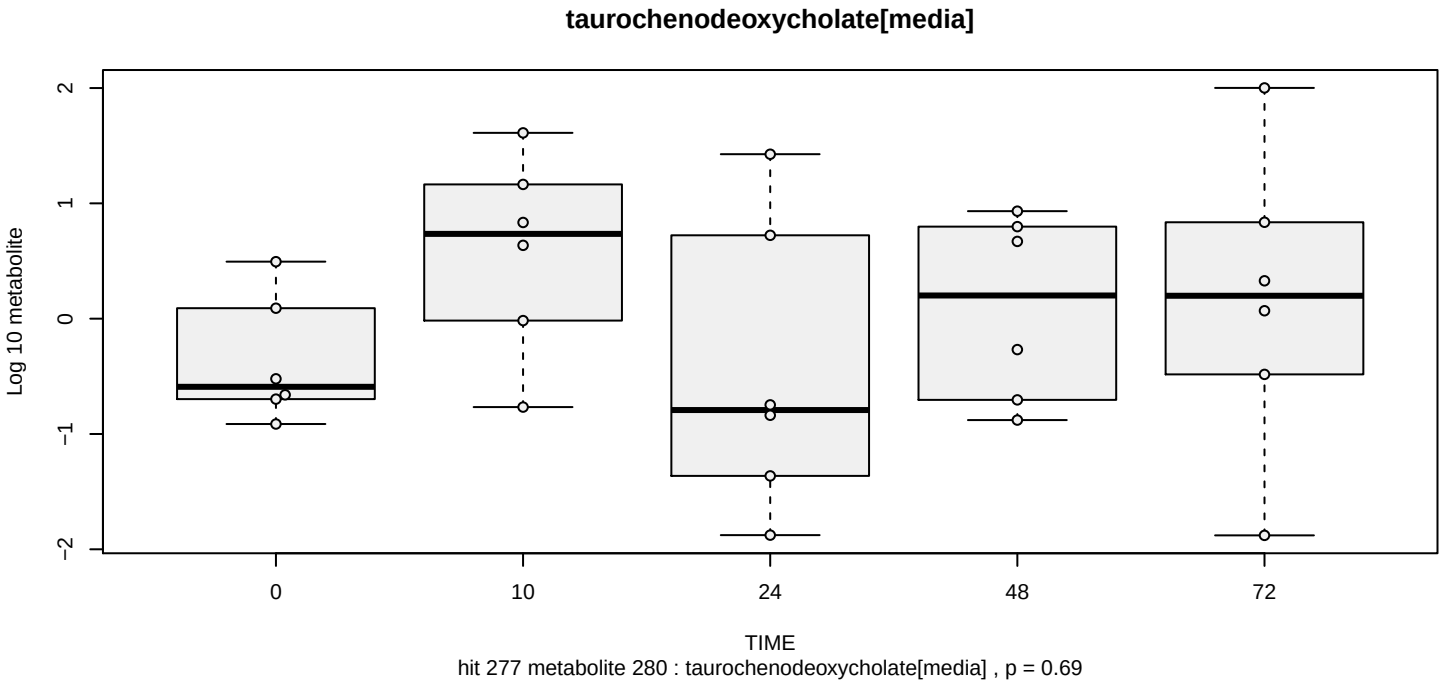
hit 274 metabolite 277 : succinylcarnitine[media] , p = 0.57



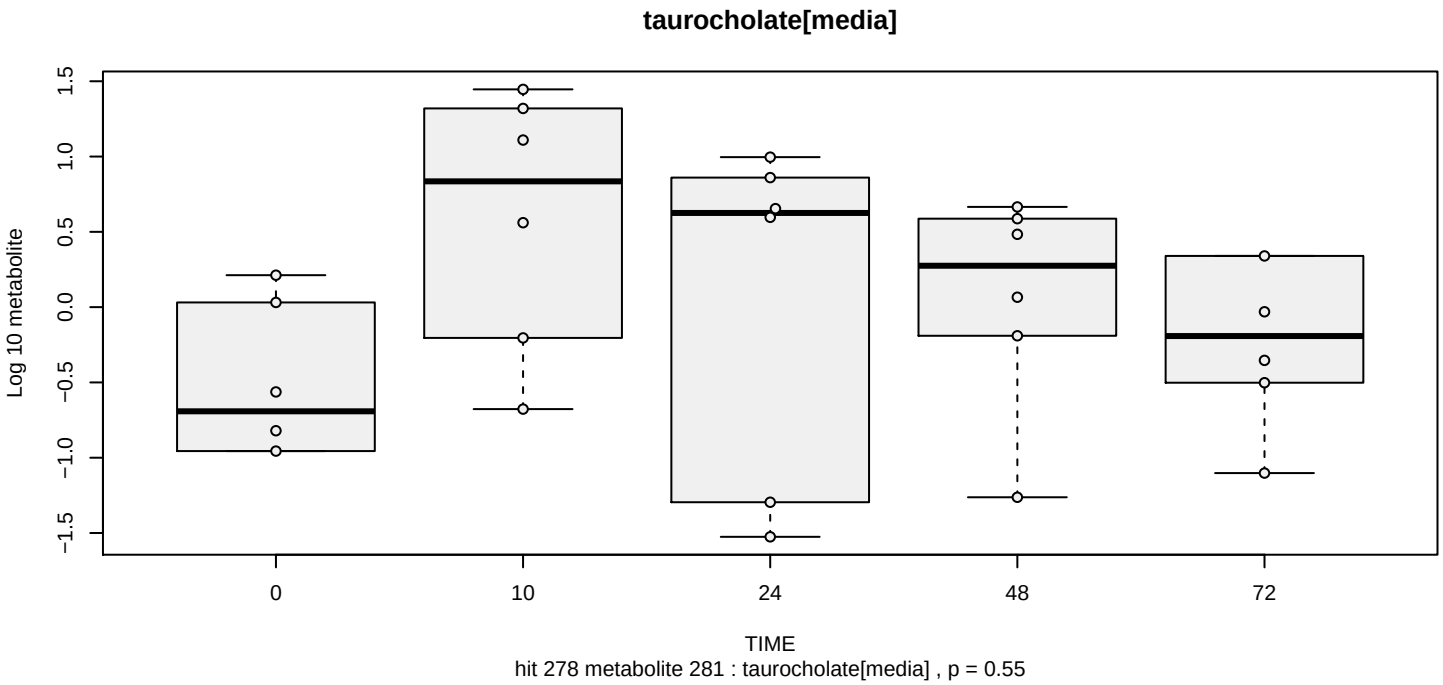
hit 275 metabolite 278 : sulfate*[media] , p = 0.35



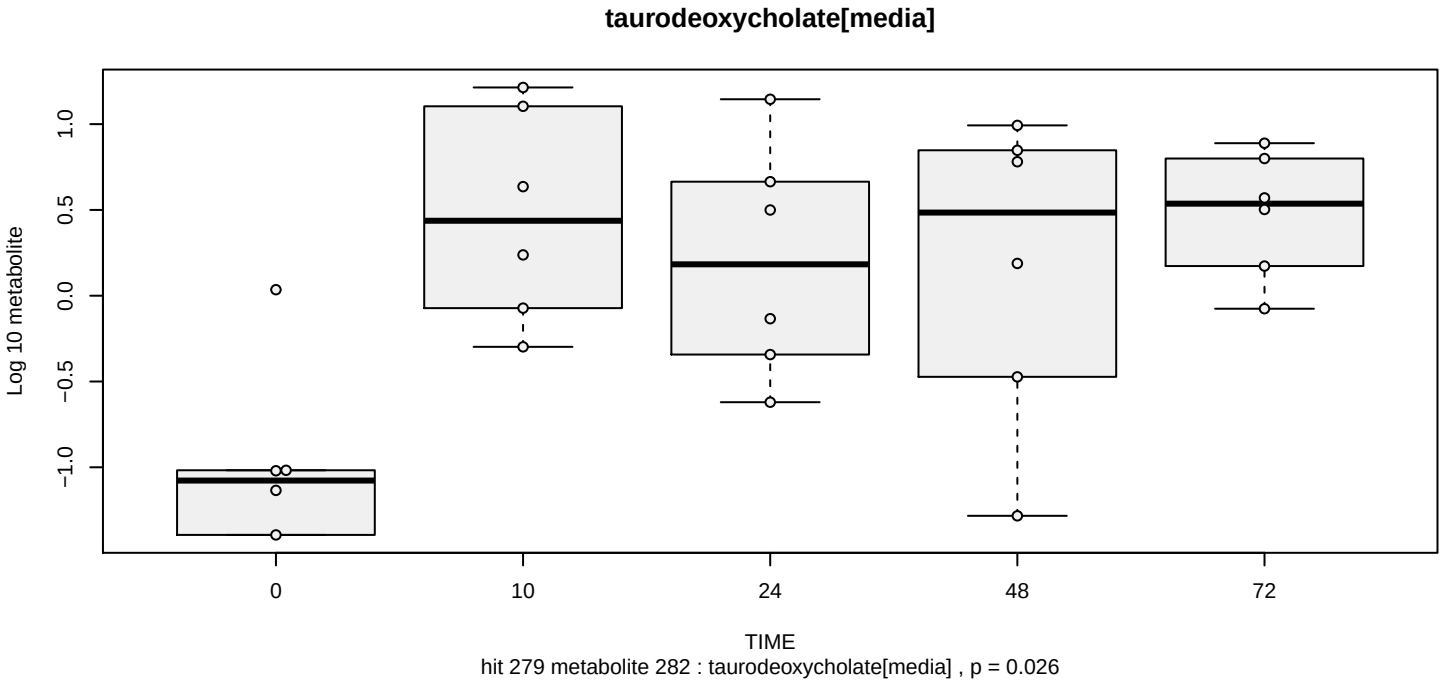
hit 276 metabolite 279 : taurine[media] , p = 2.4e−06



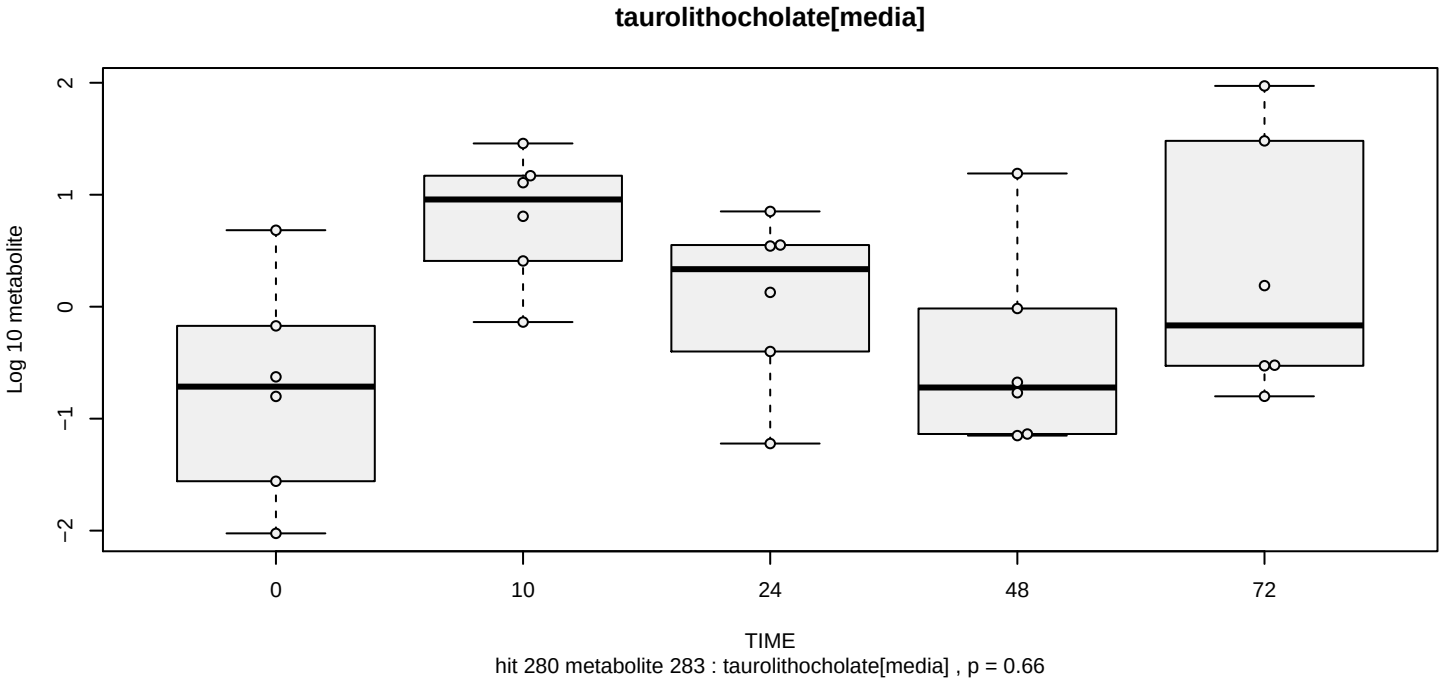
hit 277 metabolite 280 : taurochenodeoxycholate[media] , p = 0.69



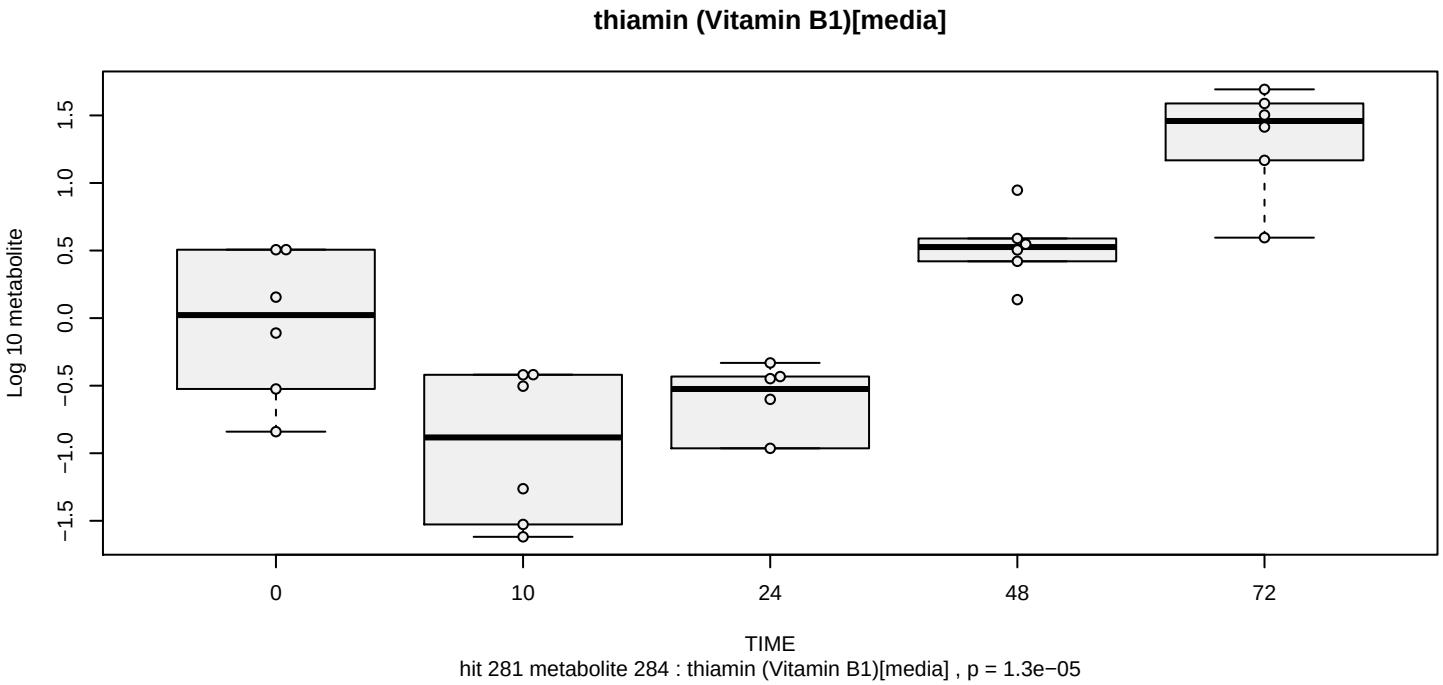
hit 278 metabolite 281 : taurocholate[media] , p = 0.55



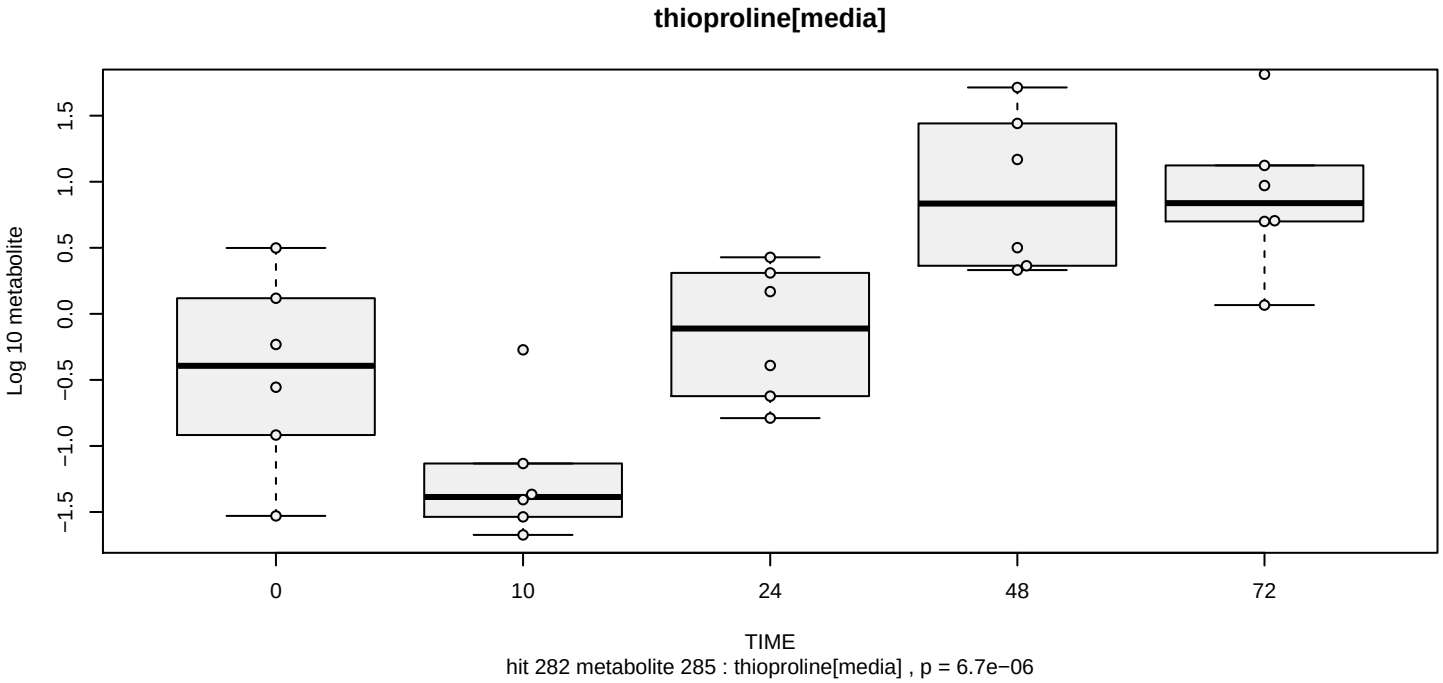
hit 279 metabolite 282 : taurodeoxycholate[media] , p = 0.026



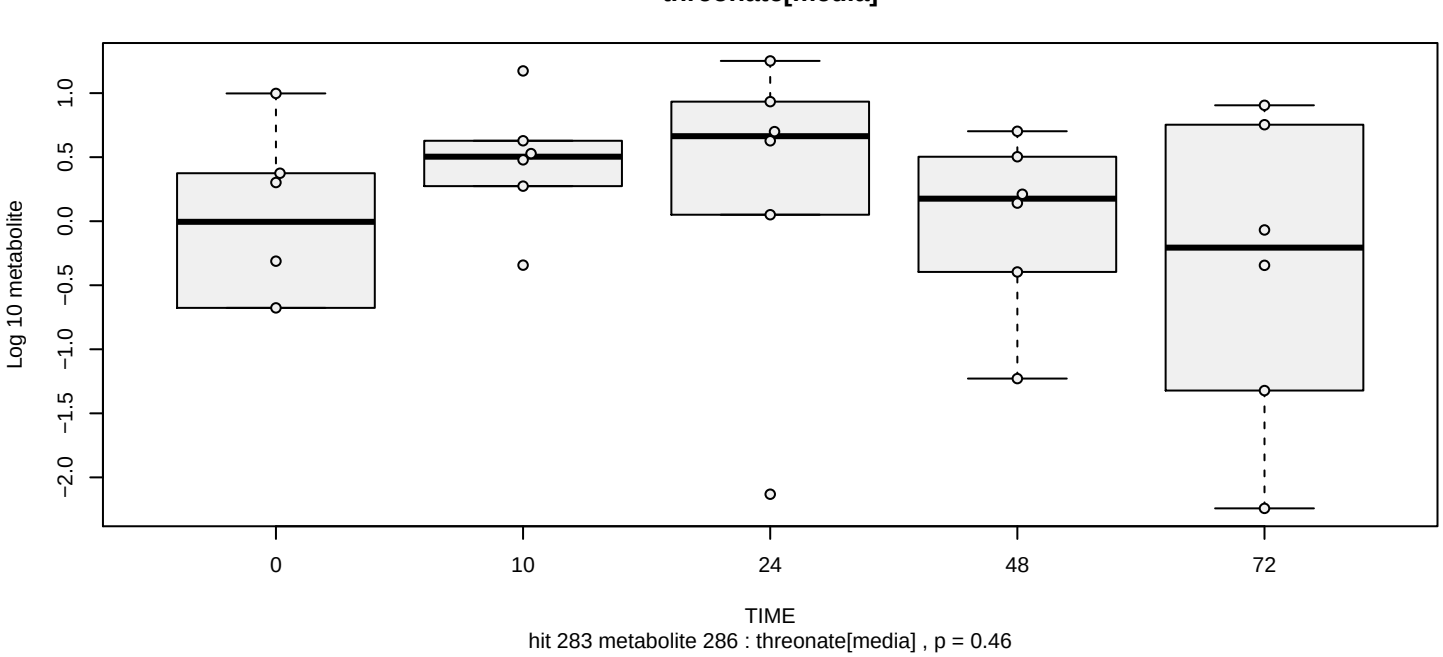
hit 280 metabolite 283 : taurolithocholate[media] , p = 0.66



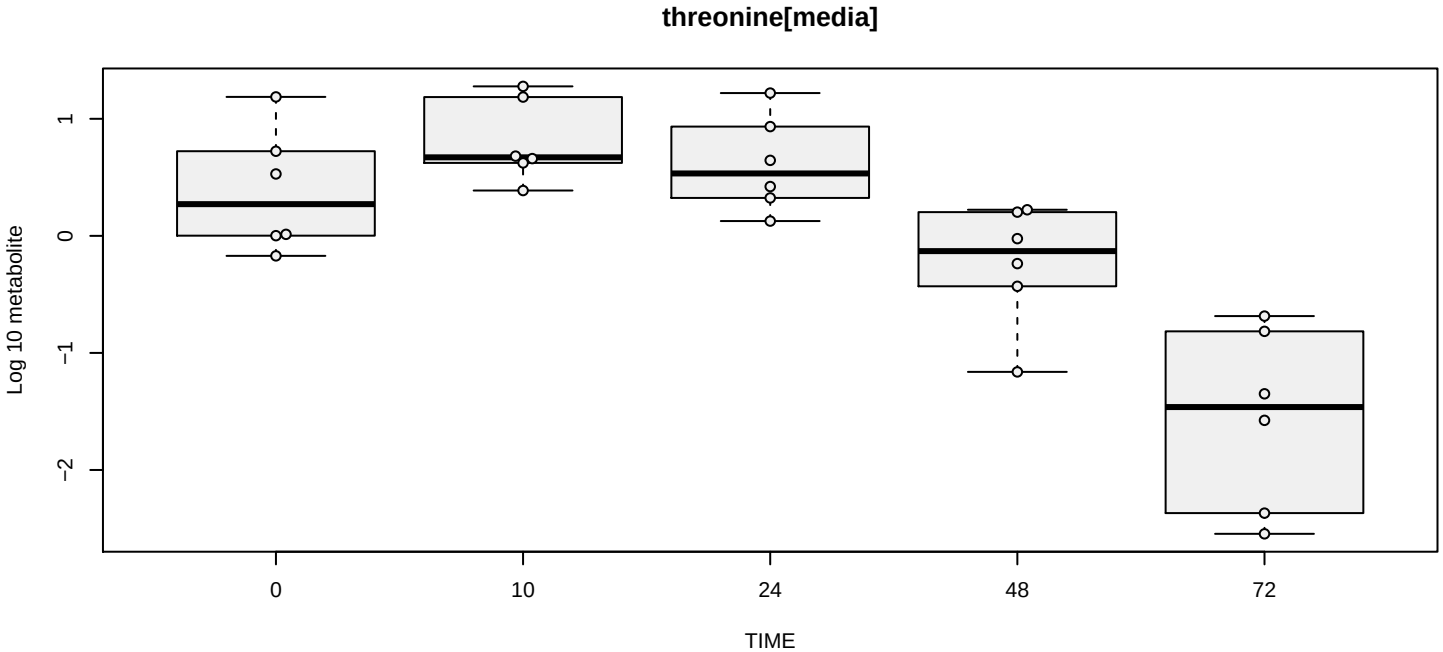
hit 281 metabolite 284 : thiamin (Vitamin B1)[media] , p = 1.3e−05



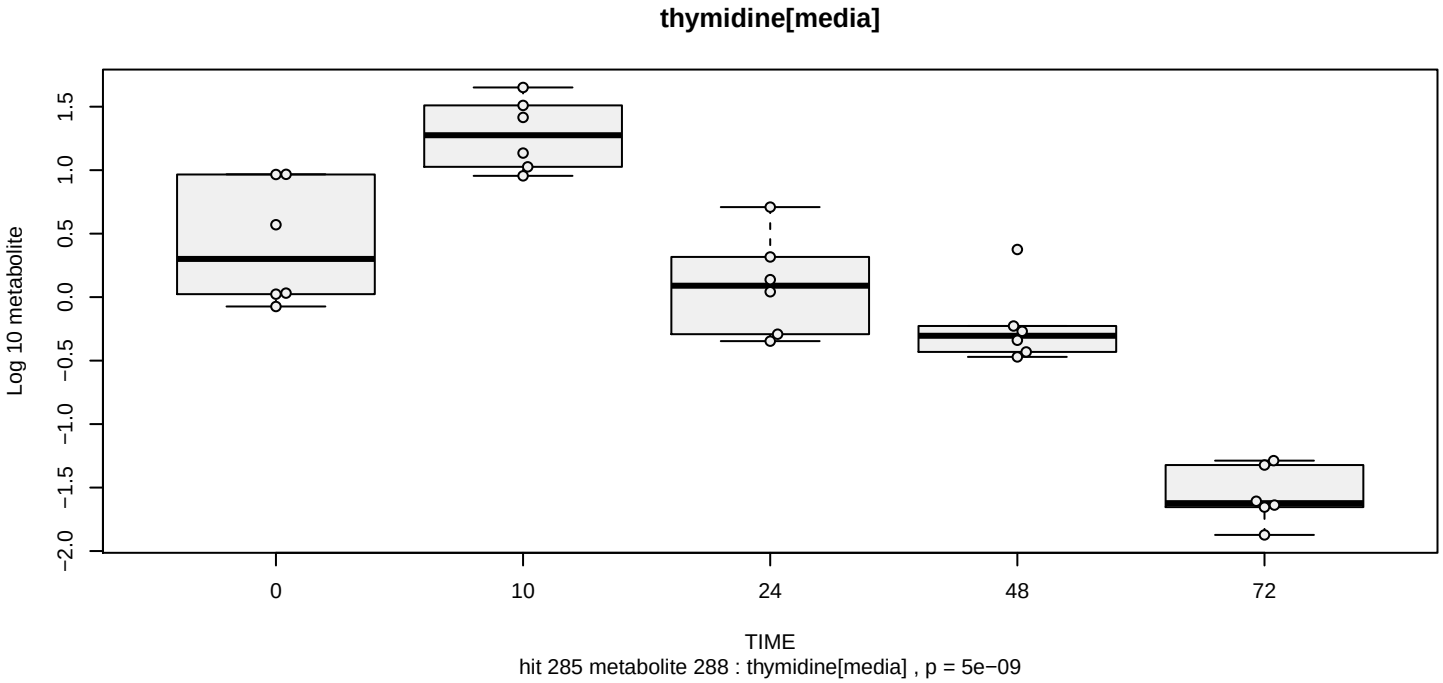
hit 282 metabolite 285 : thioproline[media] , p = 6.7e−06



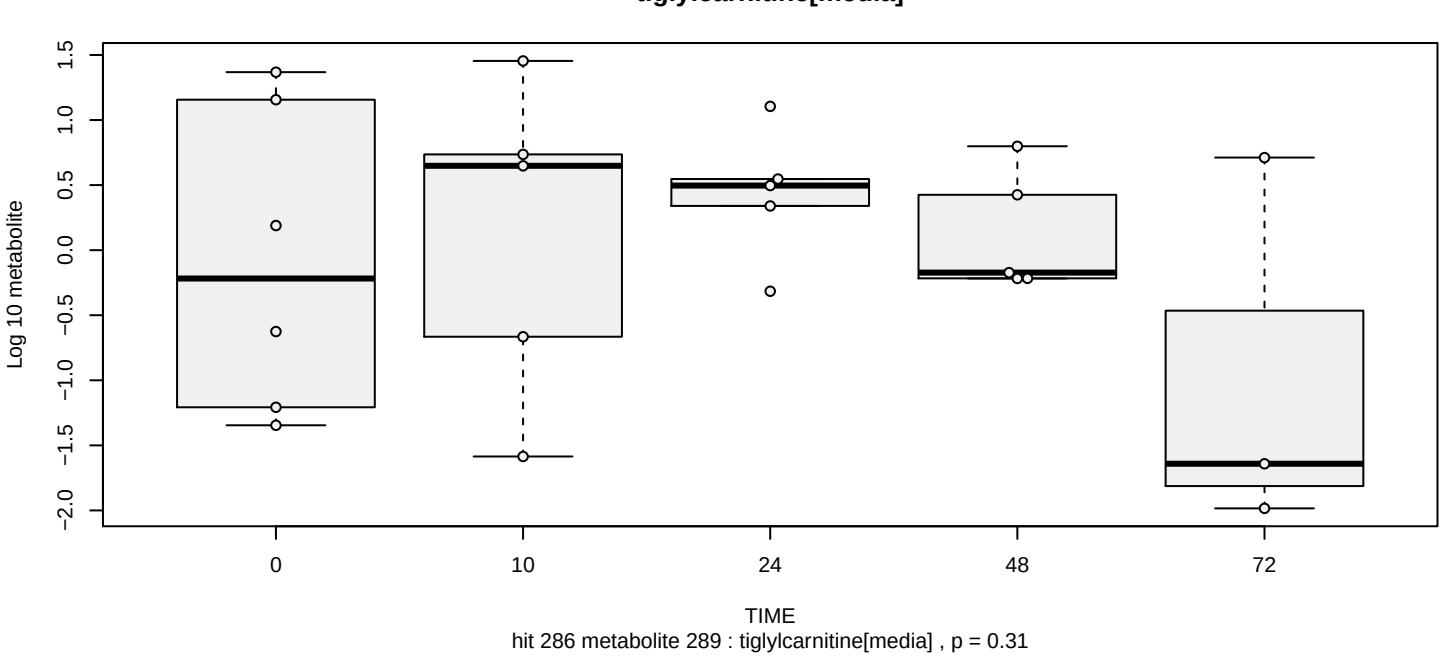
hit 283 metabolite 286 : threonate[media] , p = 0.46



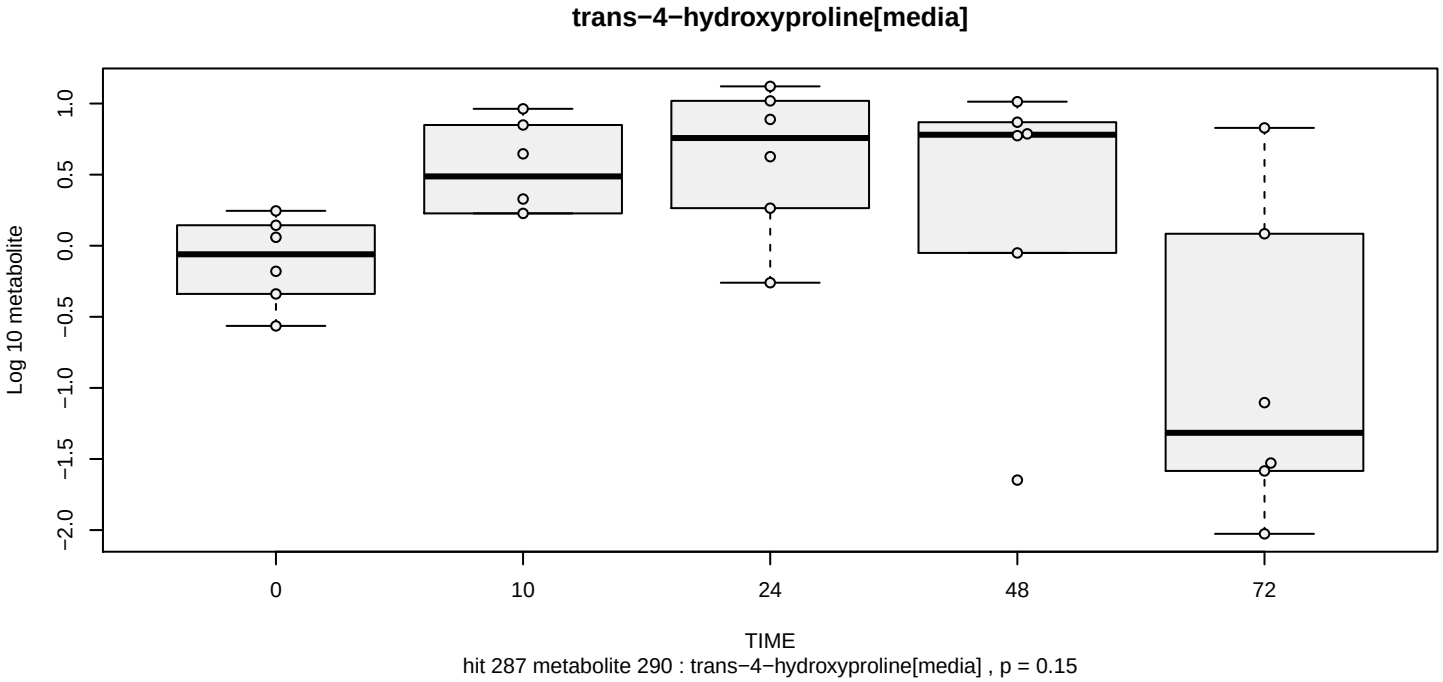
hit 284 metabolite 287 : threonine[media] , p = 3e−07



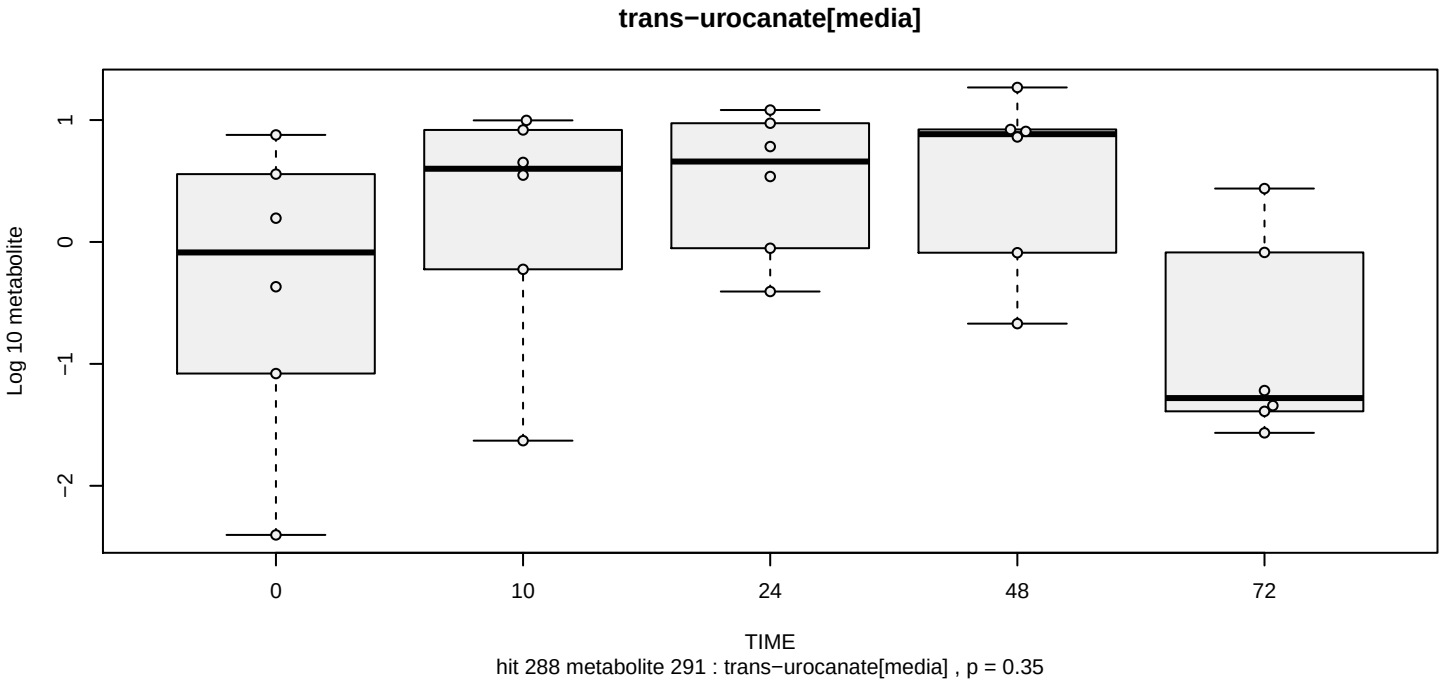
hit 285 metabolite 288 : thymidine[media] , p = 5e−09



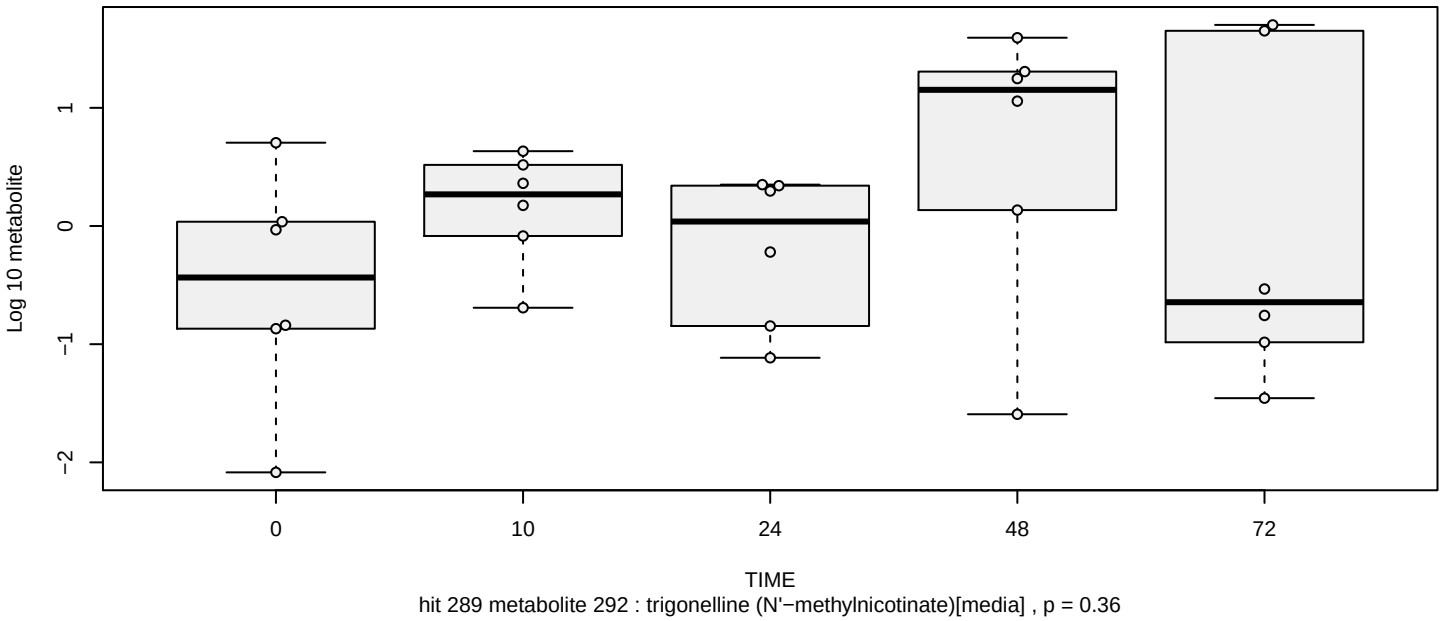
hit 286 metabolite 289 : tiglylcarnitine[media] , p = 0.31



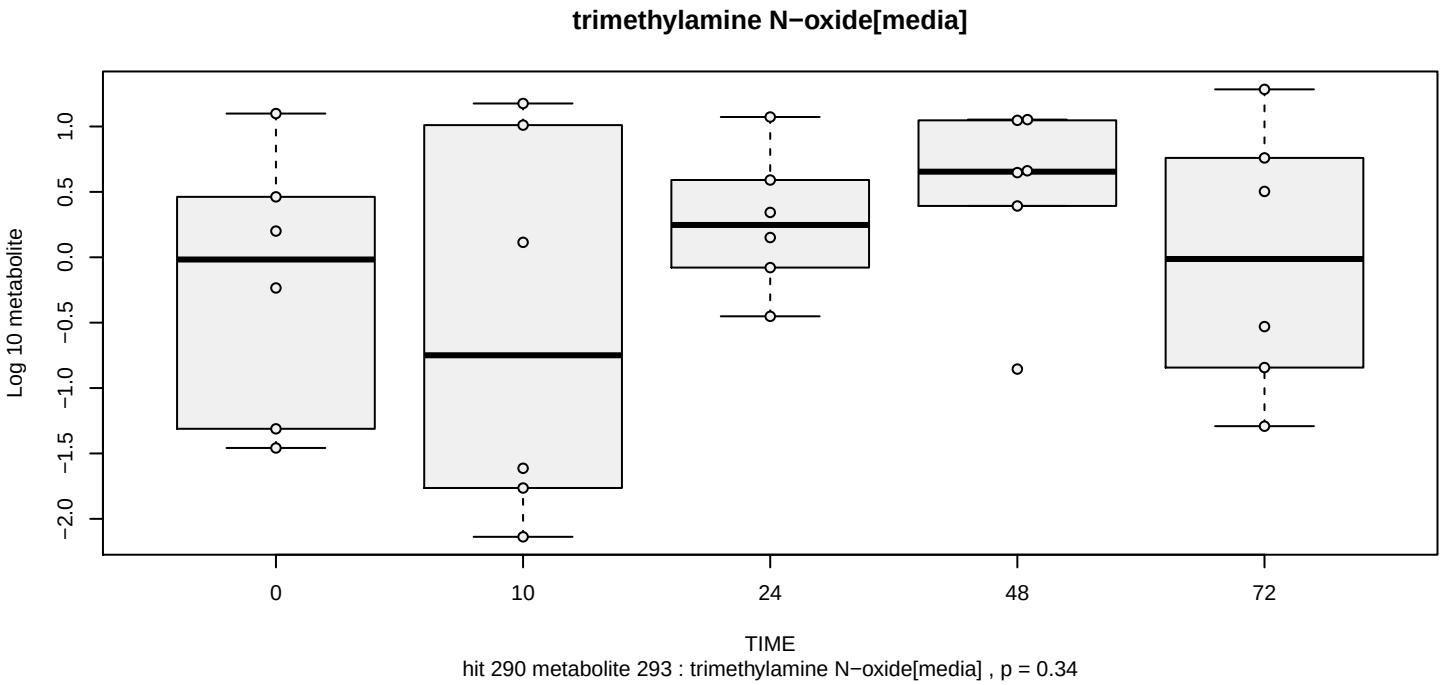
hit 287 metabolite 290 : trans−4−hydroxyproline[media] , p = 0.15



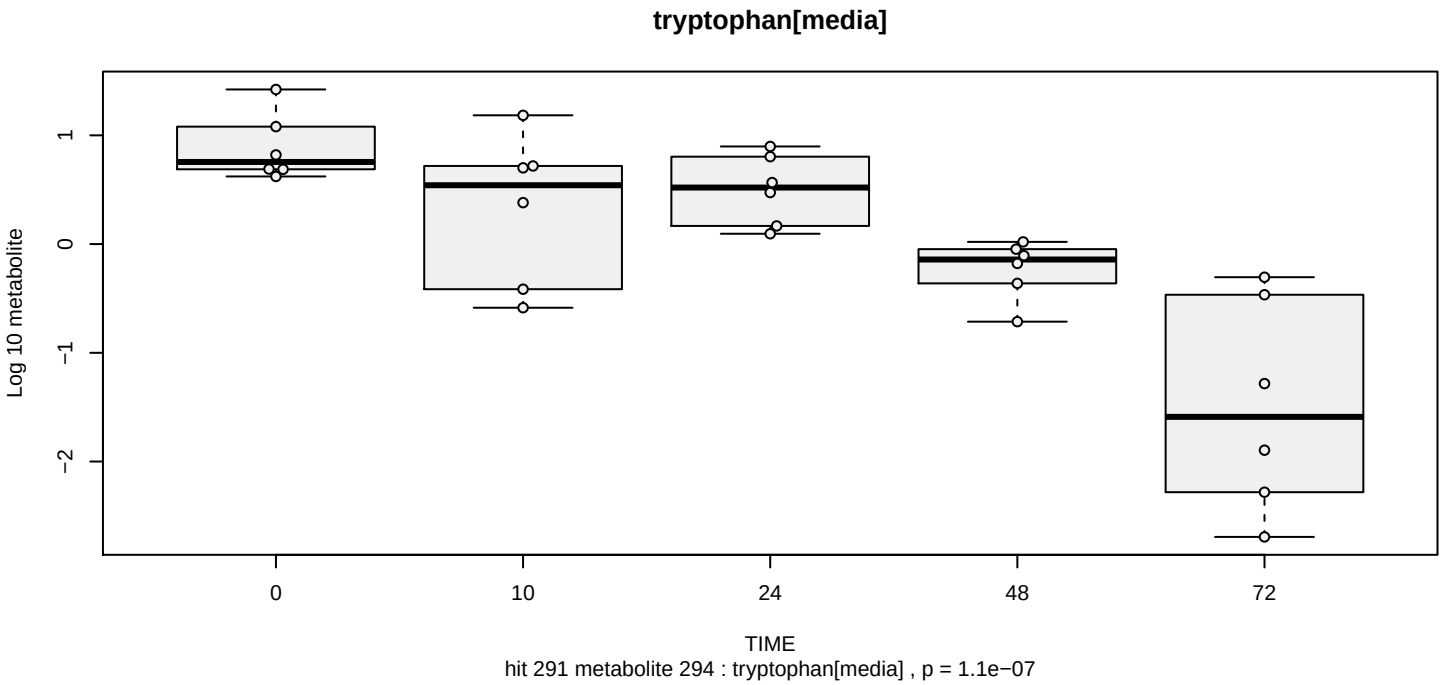
hit 288 metabolite 291 : trans−urocanate[media] , p = 0.35



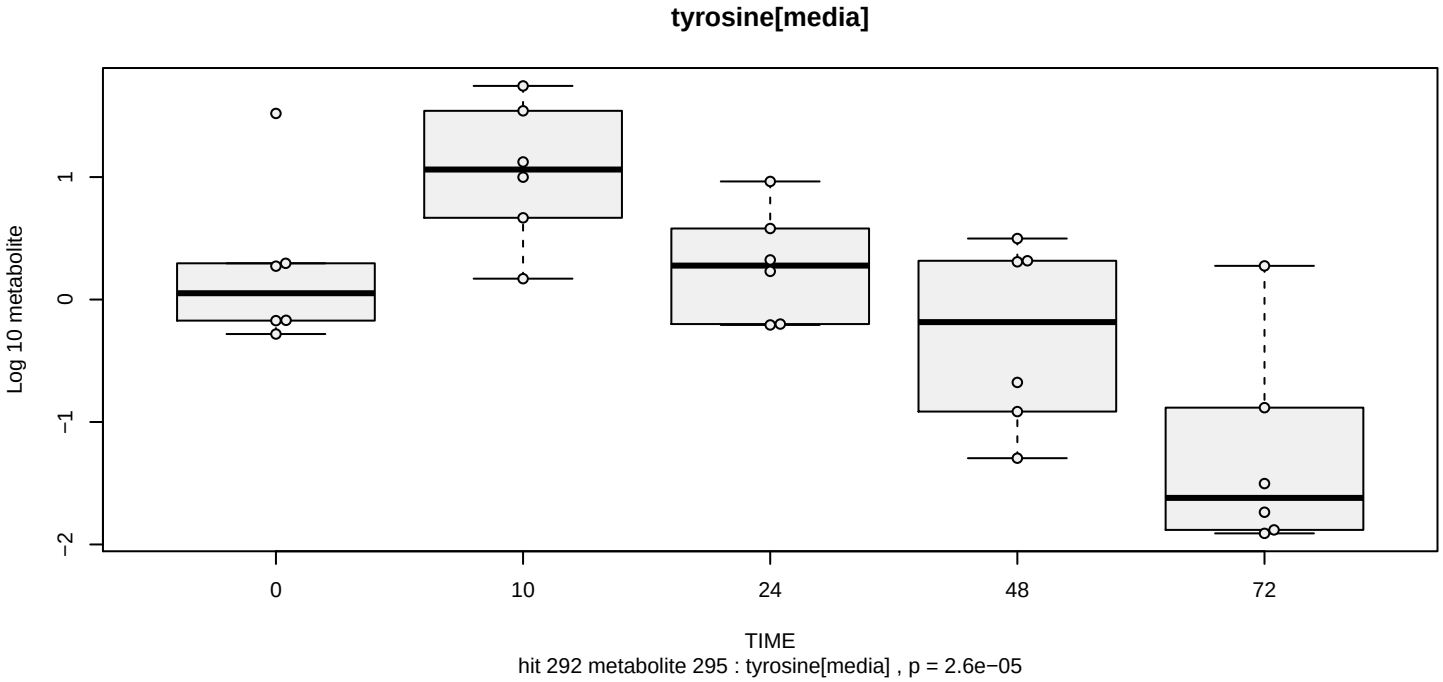
hit 289 metabolite 292 : trigonelline (N'−methylnicotinate)[media] , p = 0.36



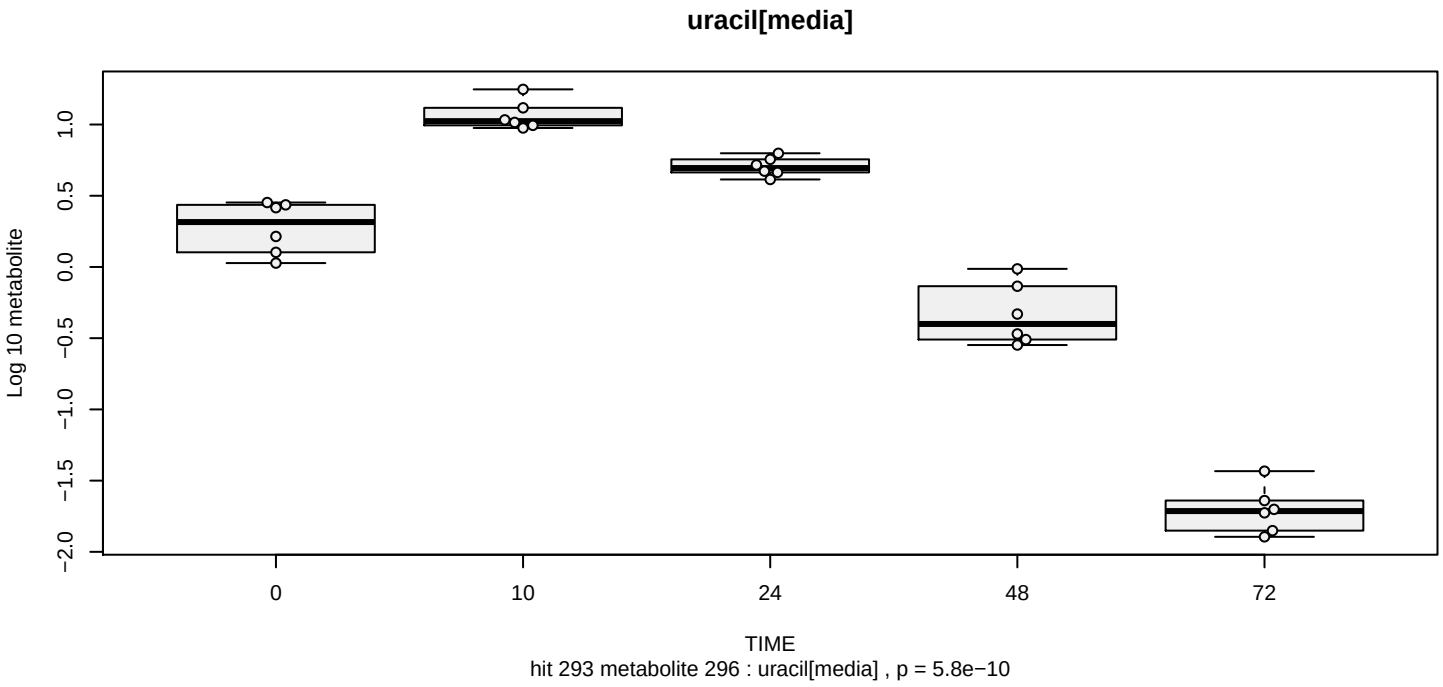
hit 290 metabolite 293 : trimethylamine N−oxide[media] , p = 0.34



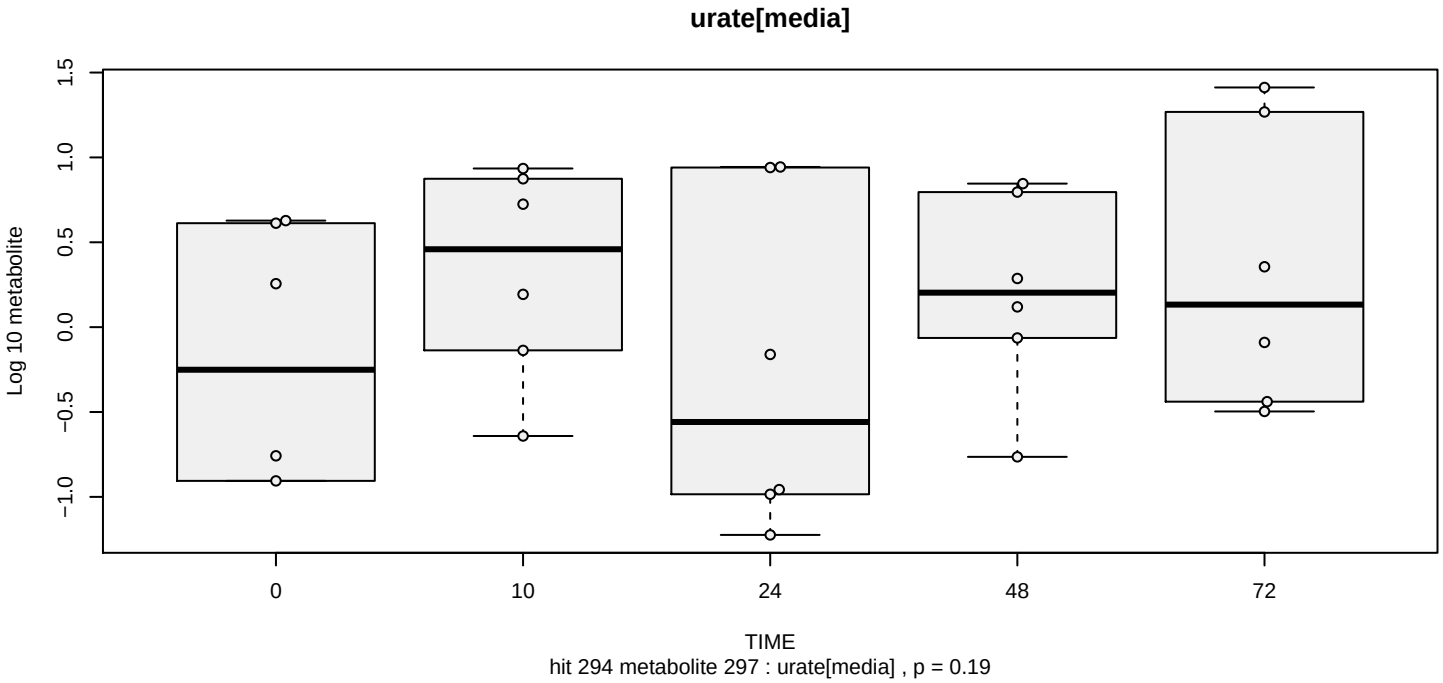
hit 291 metabolite 294 : tryptophan[media] , p = 1.1e−07



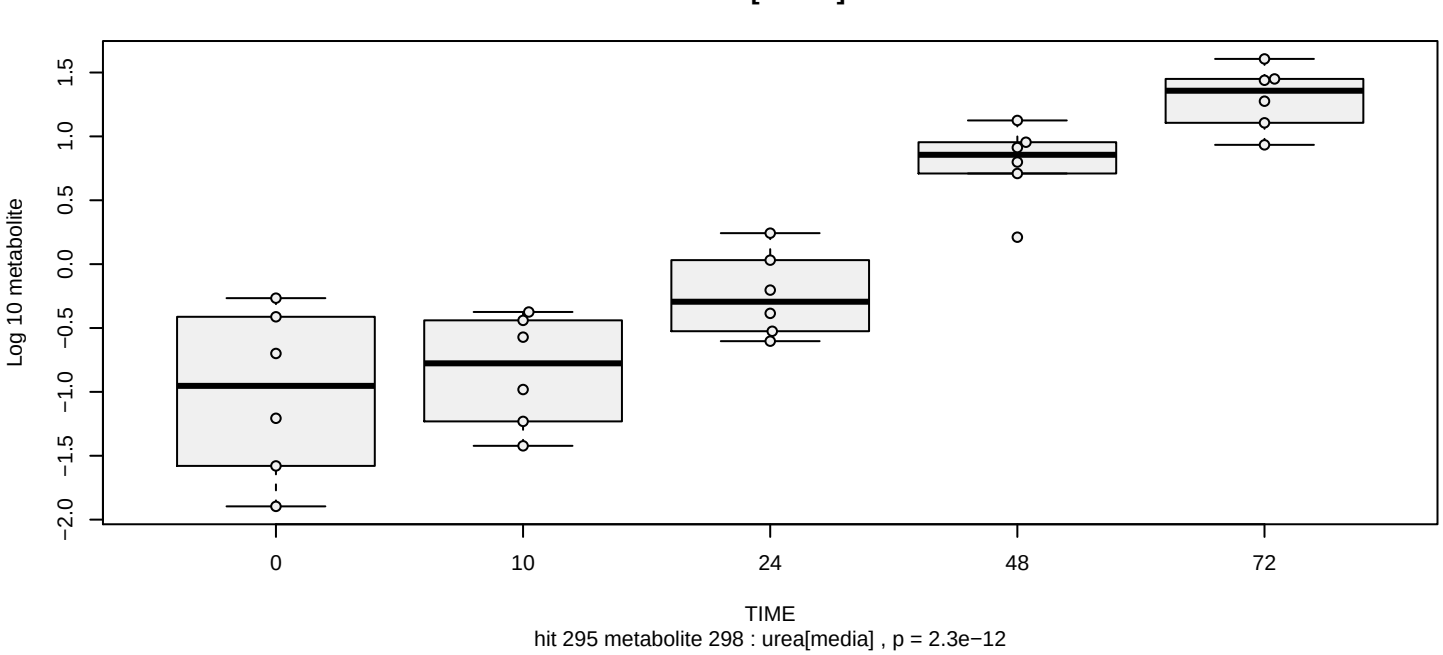
hit 292 metabolite 295 : tyrosine[media] , p = 2.6e−05



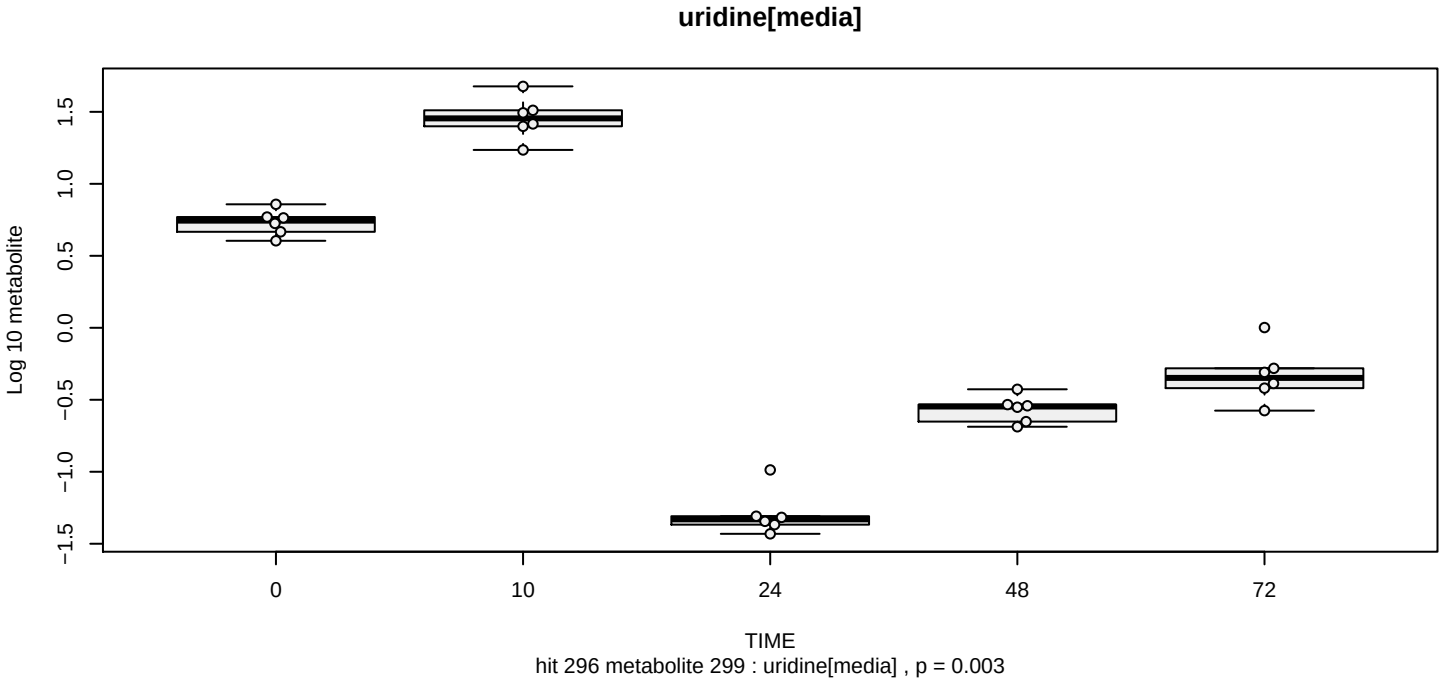
hit 293 metabolite 296 : uracil[media] , p = 5.8e−10



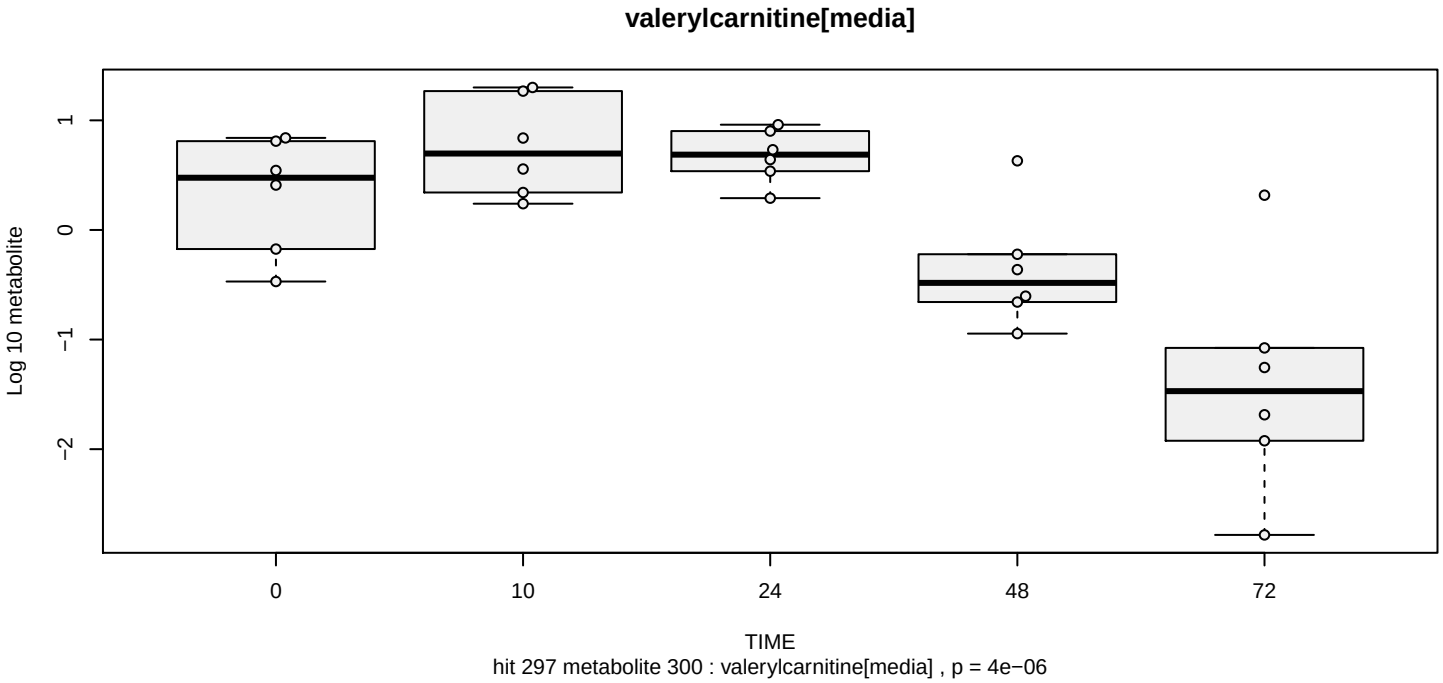
hit 294 metabolite 297 : urate[media] , p = 0.19



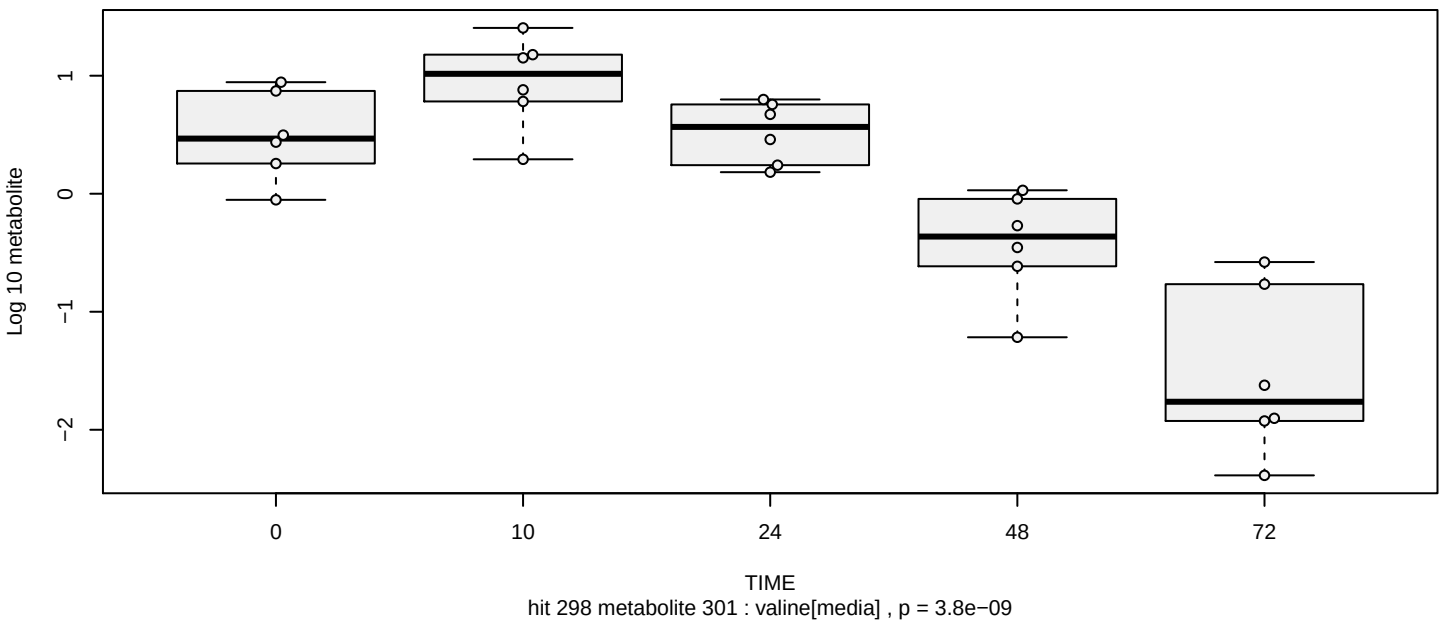
hit 295 metabolite 298 : urea[media] , p = 2.3e−12



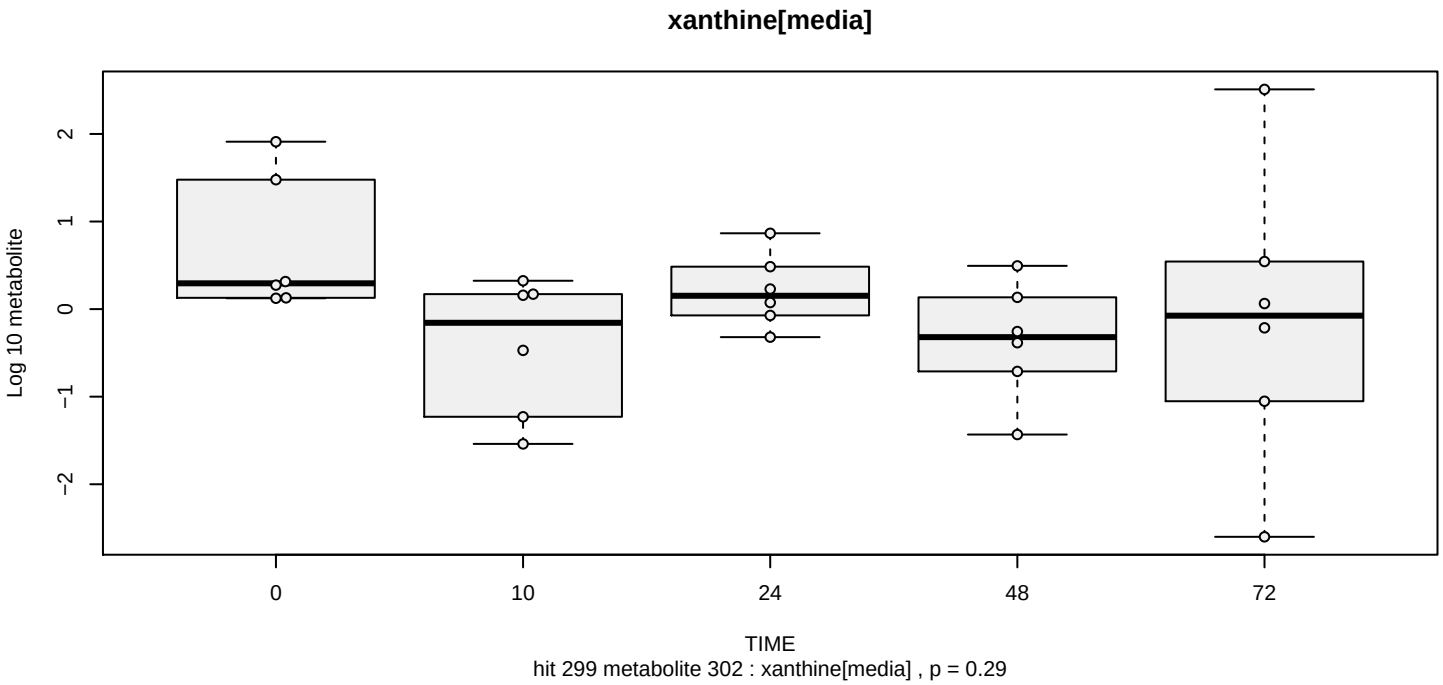
hit 296 metabolite 299 : uridine[media] , p = 0.003



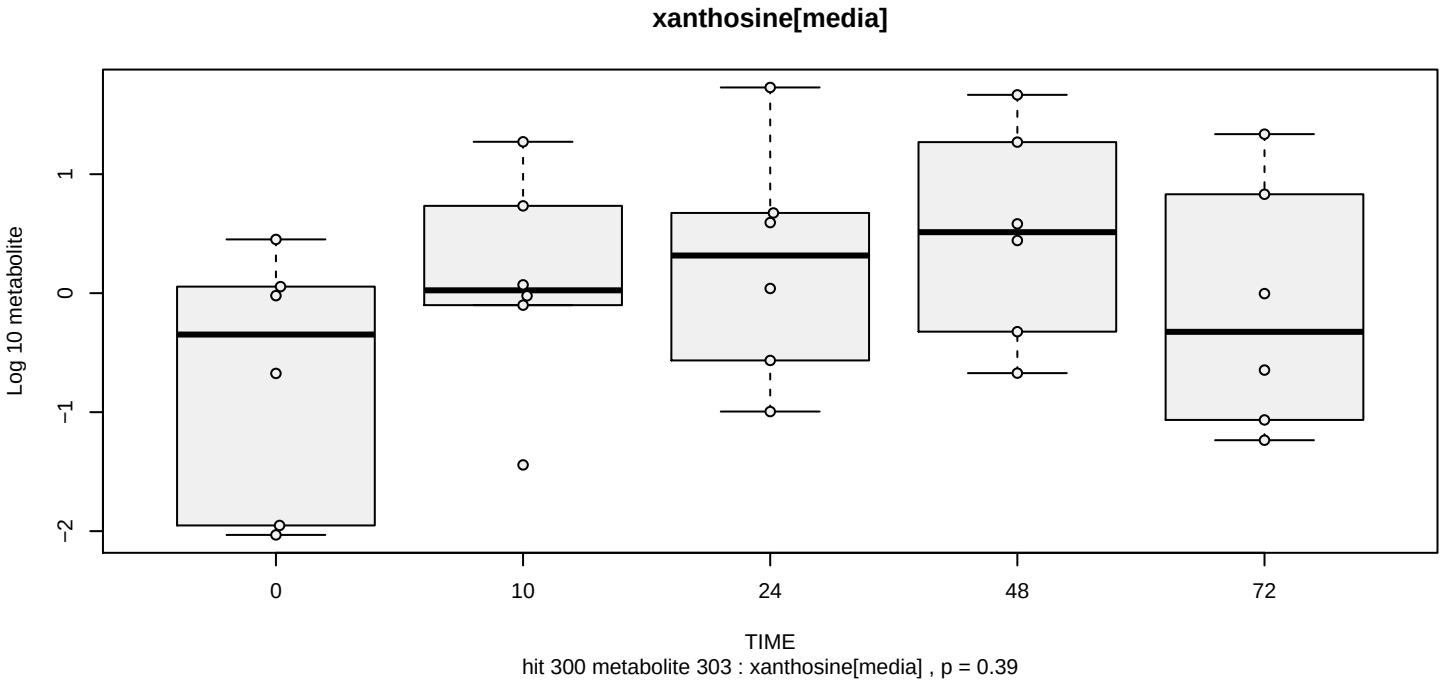
hit 297 metabolite 300 : valerylcarnitine[media] , p = 4e−06



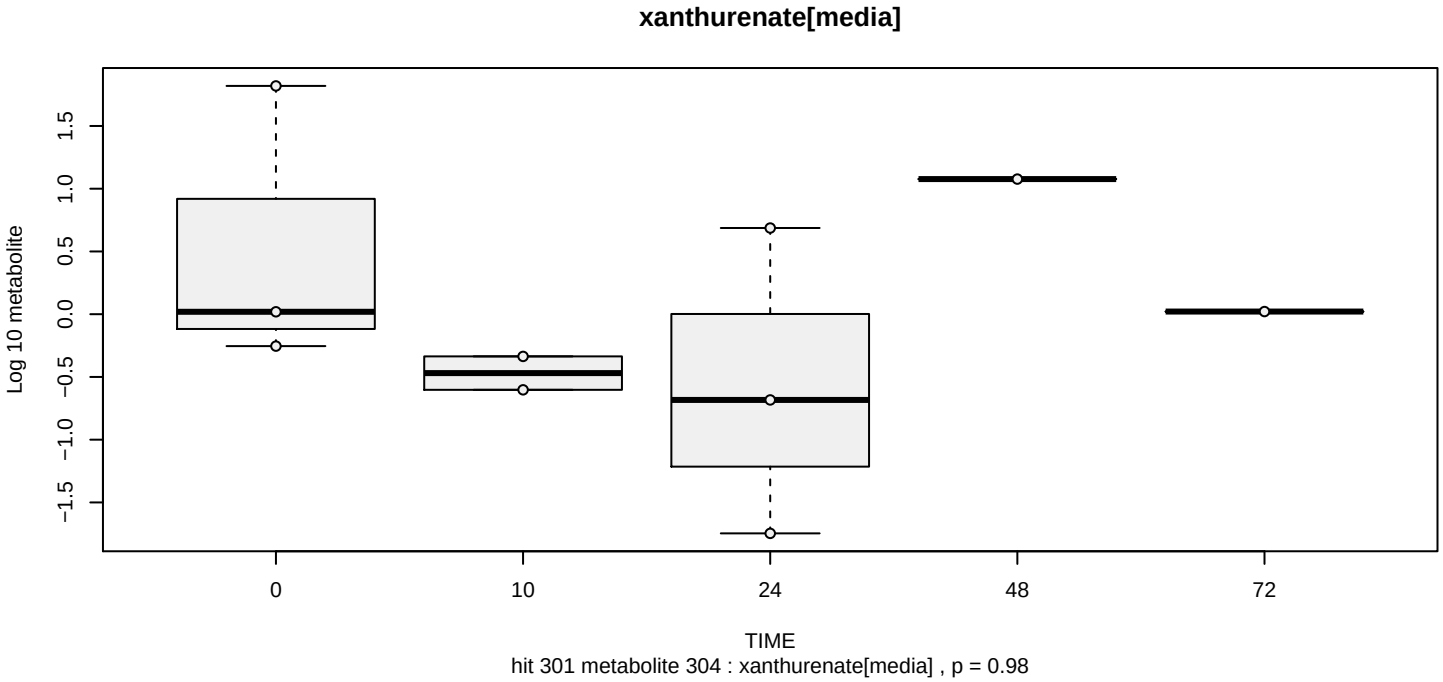
hit 298 metabolite 301 : valine[media] , p = 3.8e−09



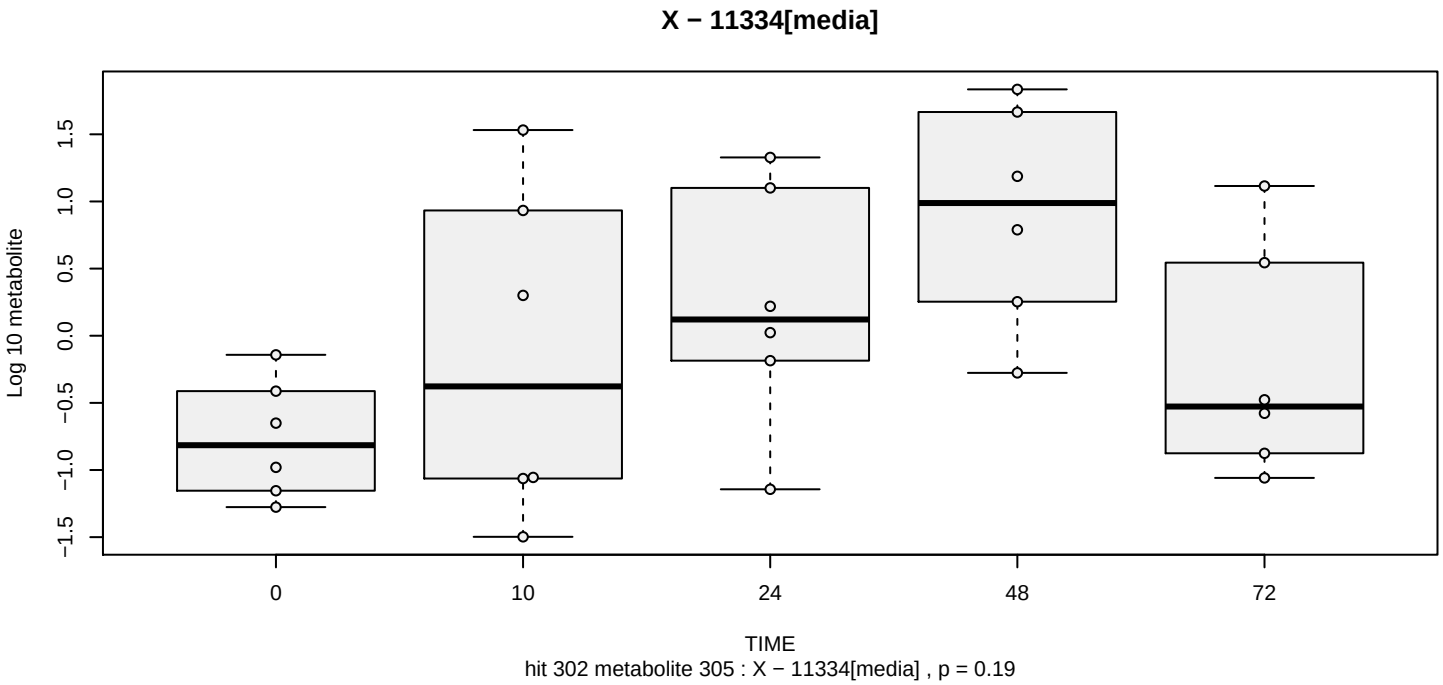
hit 299 metabolite 302 : xanthine[media] , p = 0.29



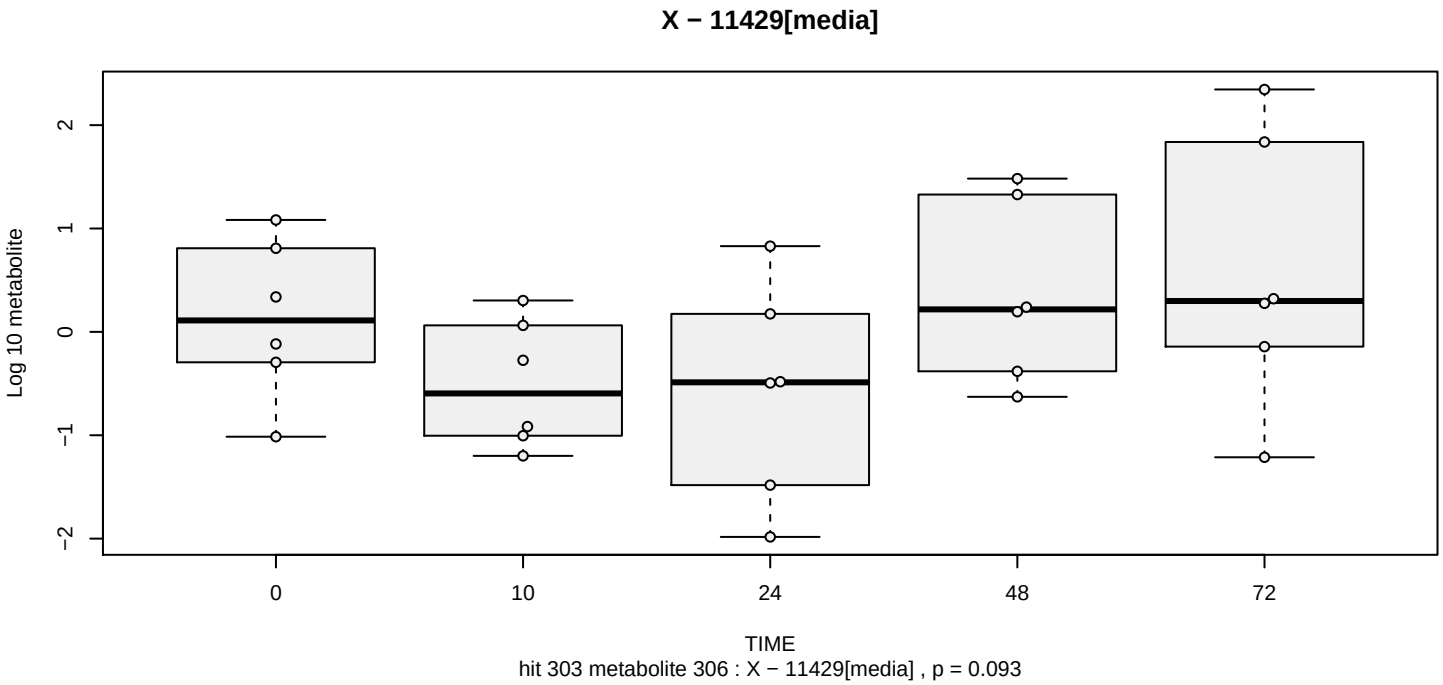
hit 300 metabolite 303 : xanthosine[media] , p = 0.39



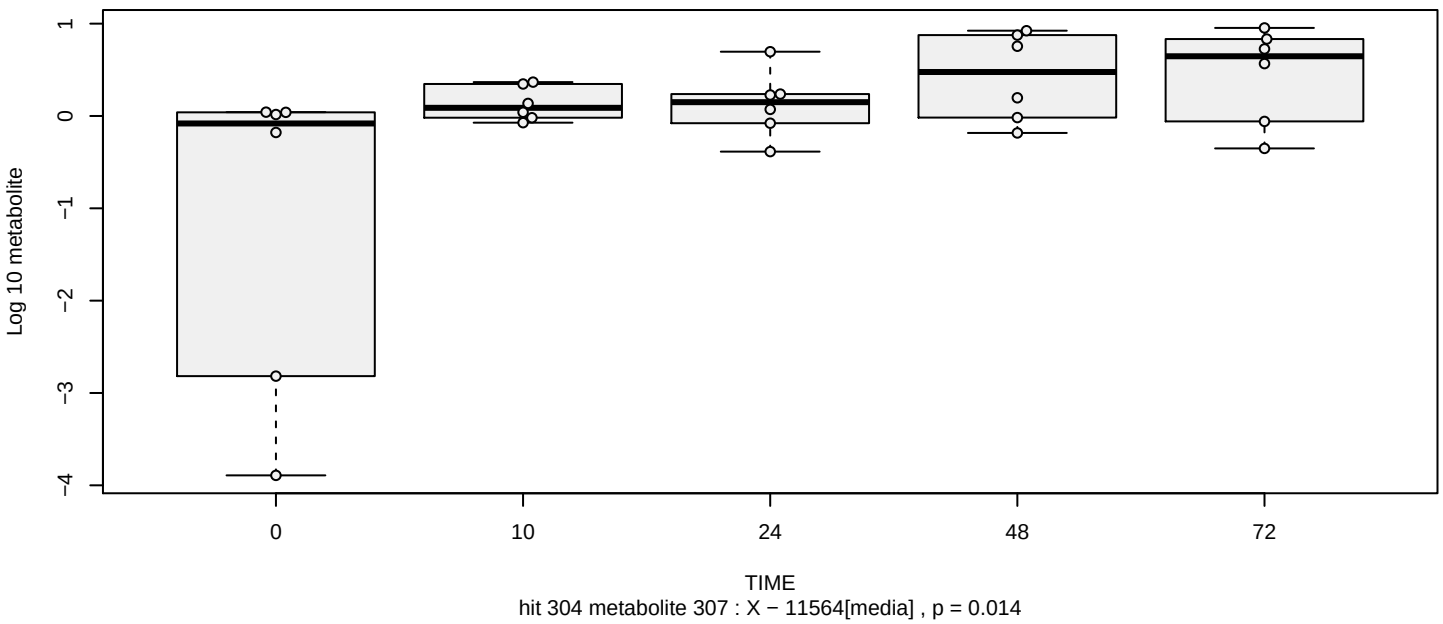
hit 301 metabolite 304 : xanthurenate[media] , p = 0.98



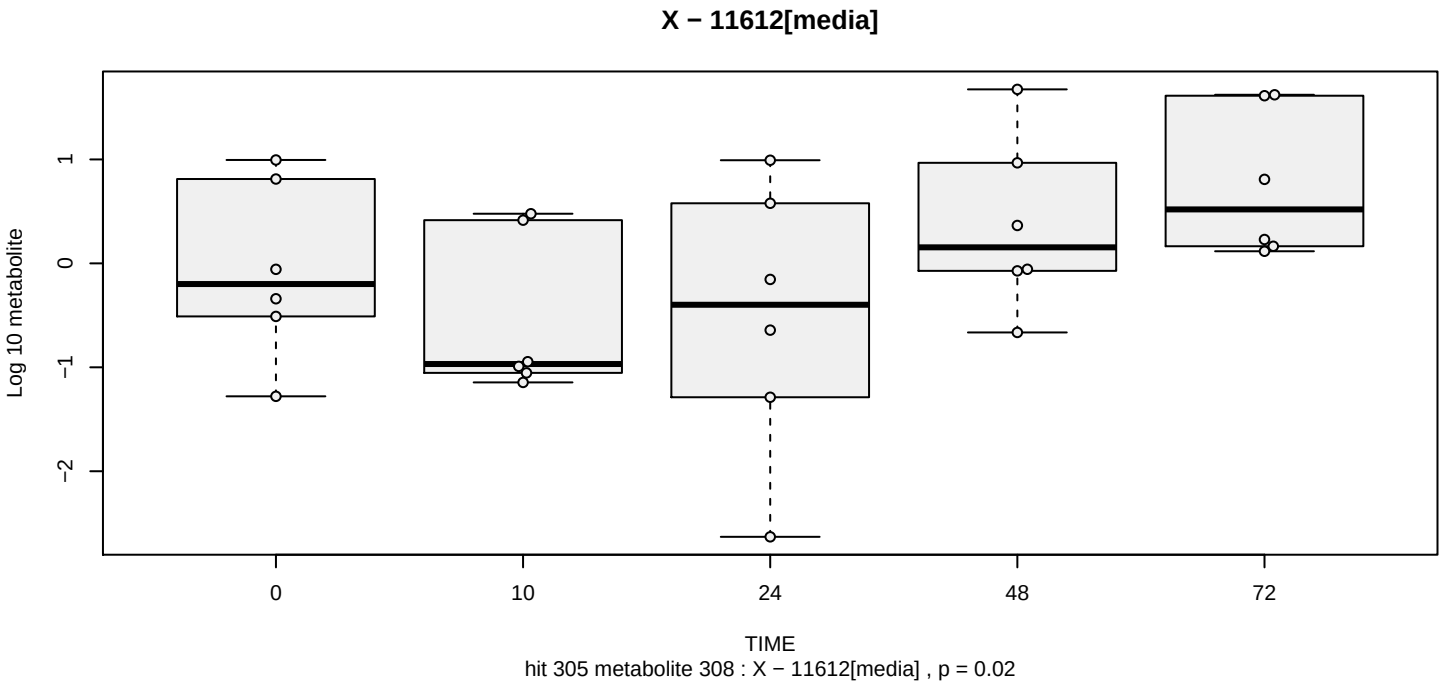
hit 302 metabolite 305 : X − 11334[media] , p = 0.19



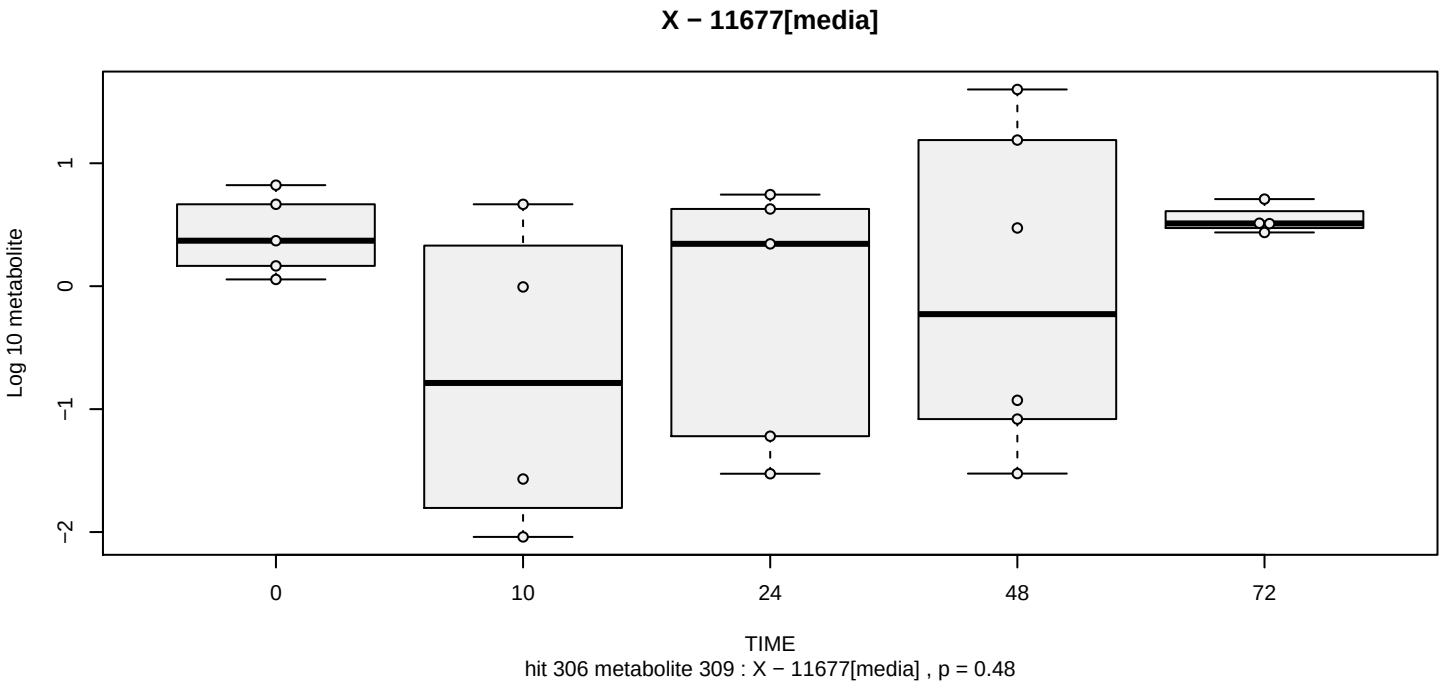
hit 303 metabolite 306 : X − 11429[media] , p = 0.093



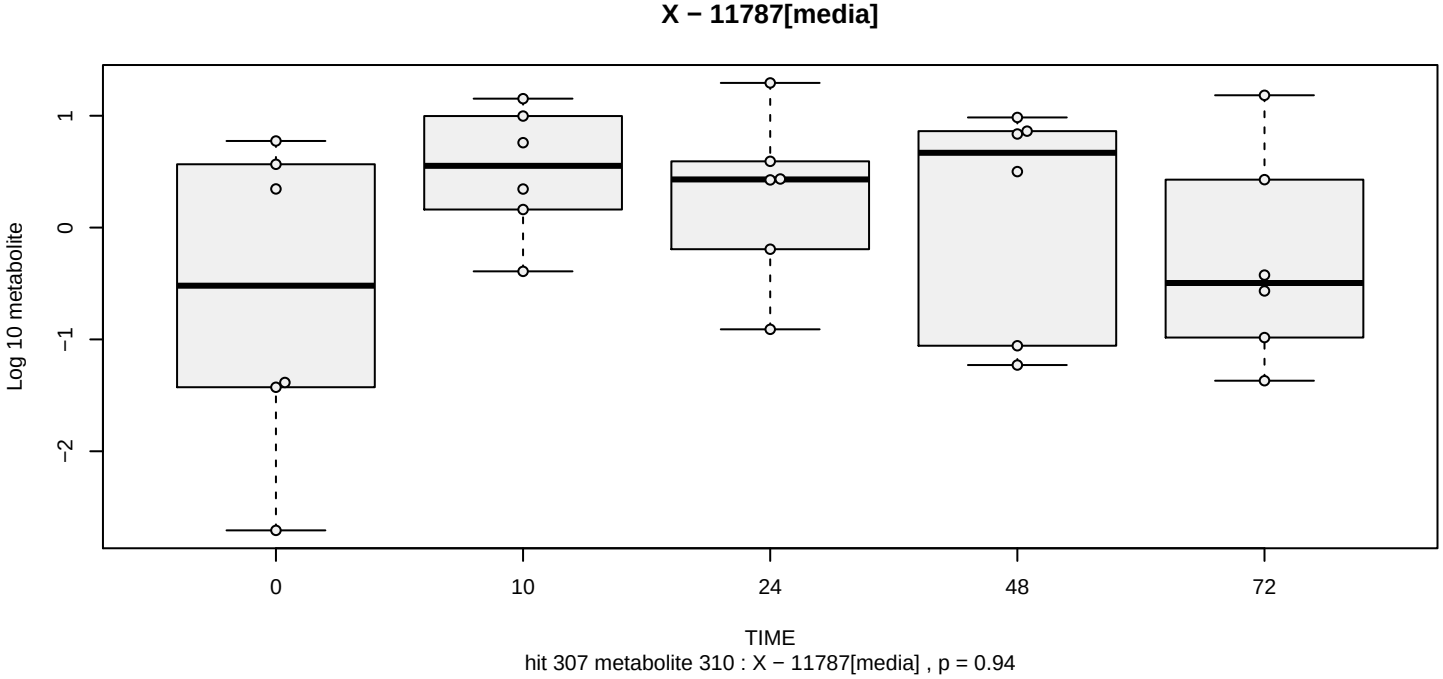
hit 304 metabolite 307 : X − 11564[media] , p = 0.014



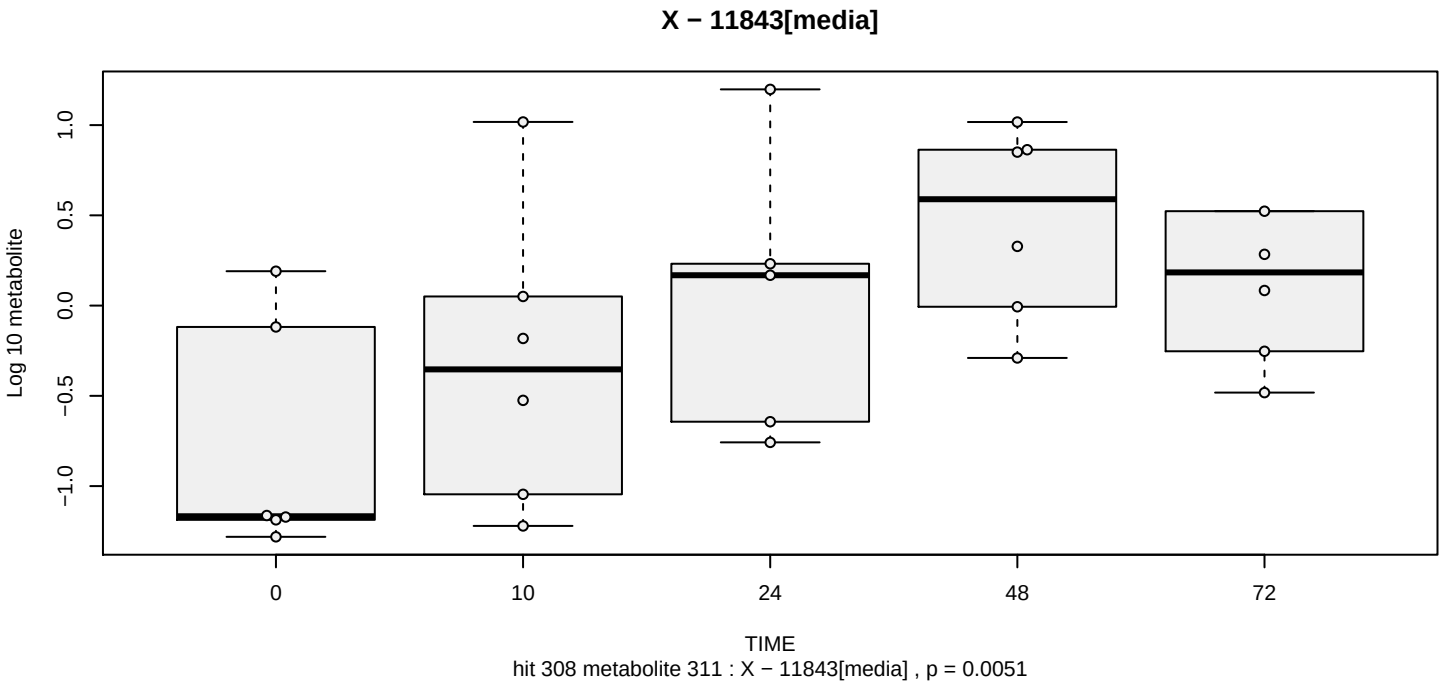
hit 305 metabolite 308 : X − 11612[media] , p = 0.02



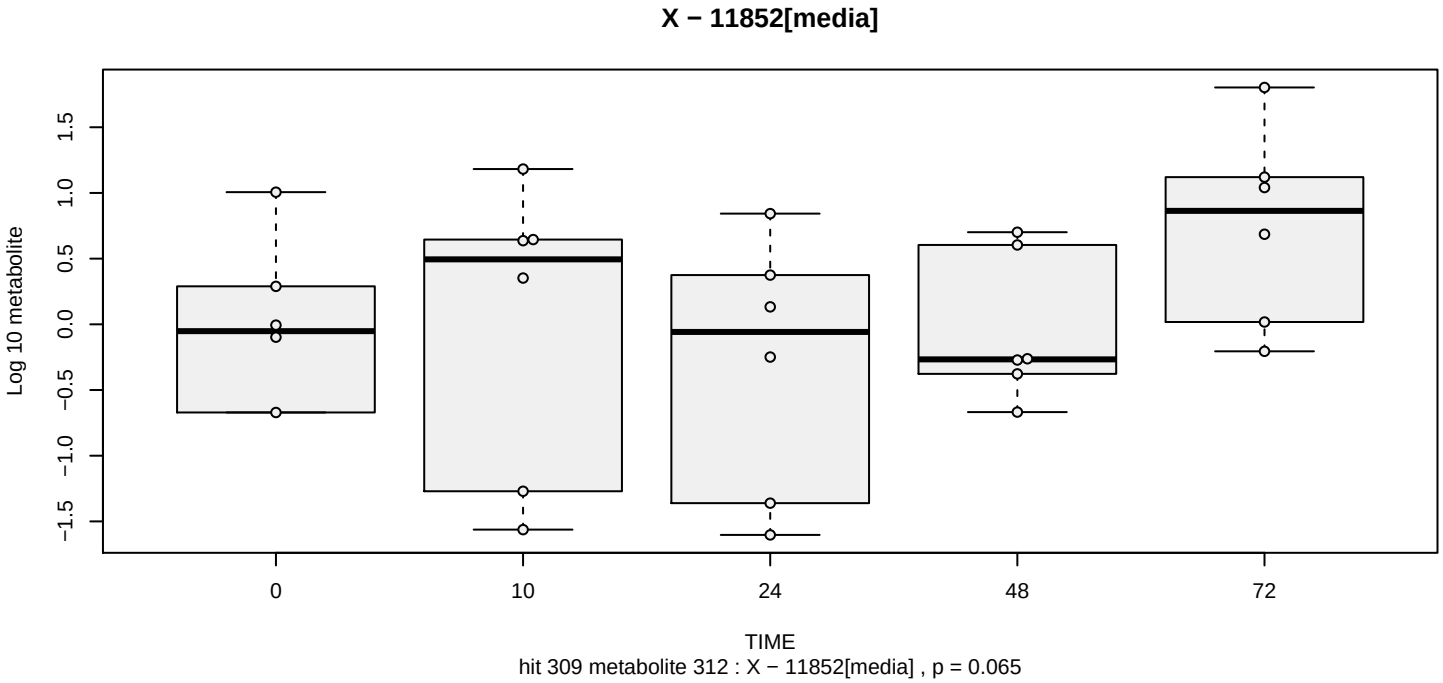
hit 306 metabolite 309 : X − 11677[media] , p = 0.48



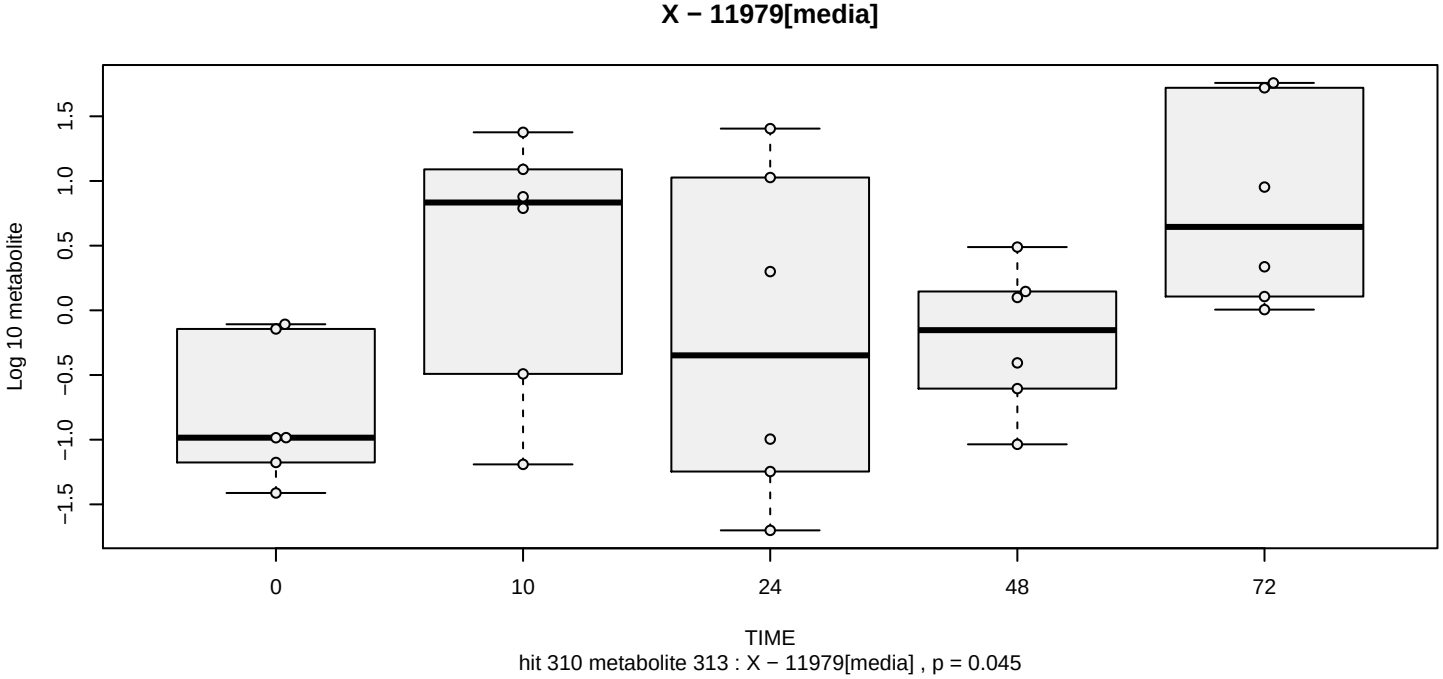
hit 307 metabolite 310 : X − 11787[media] , p = 0.94



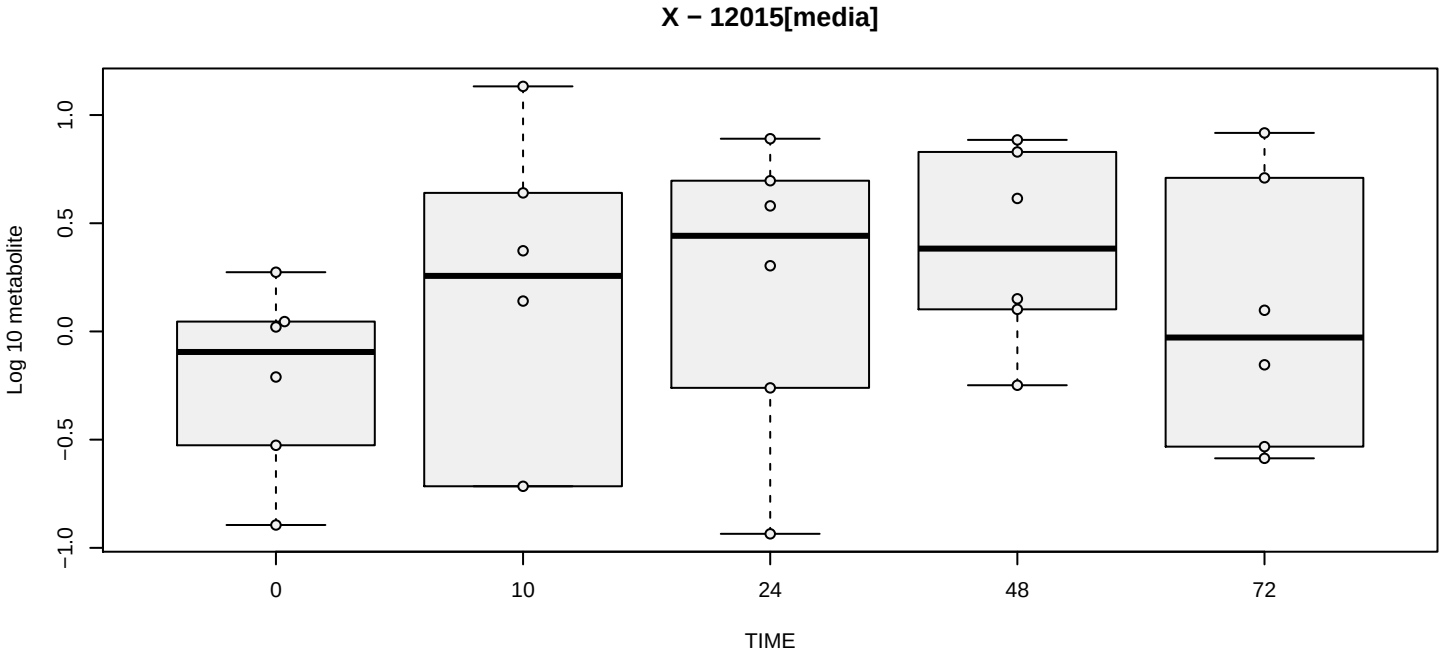
hit 308 metabolite 311 : X − 11843[media] , p = 0.0051



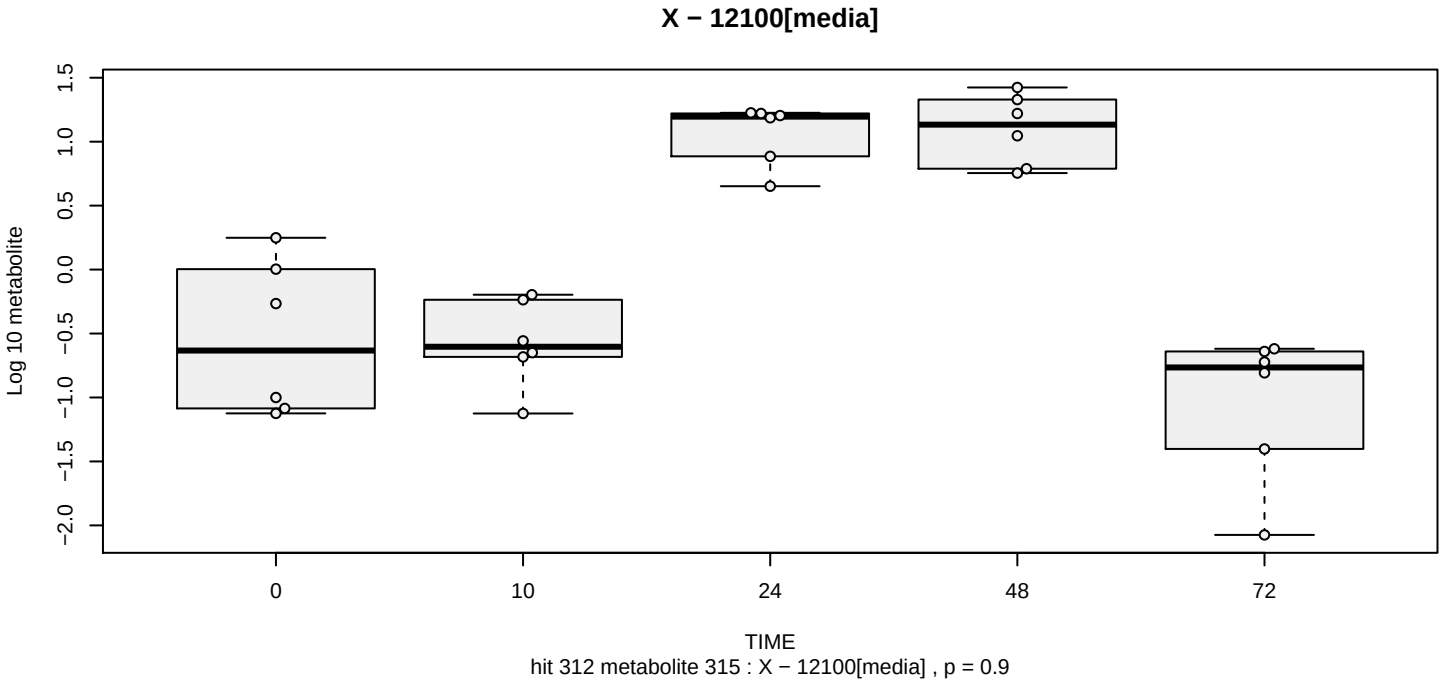
hit 309 metabolite 312 : X − 11852[media] , p = 0.065



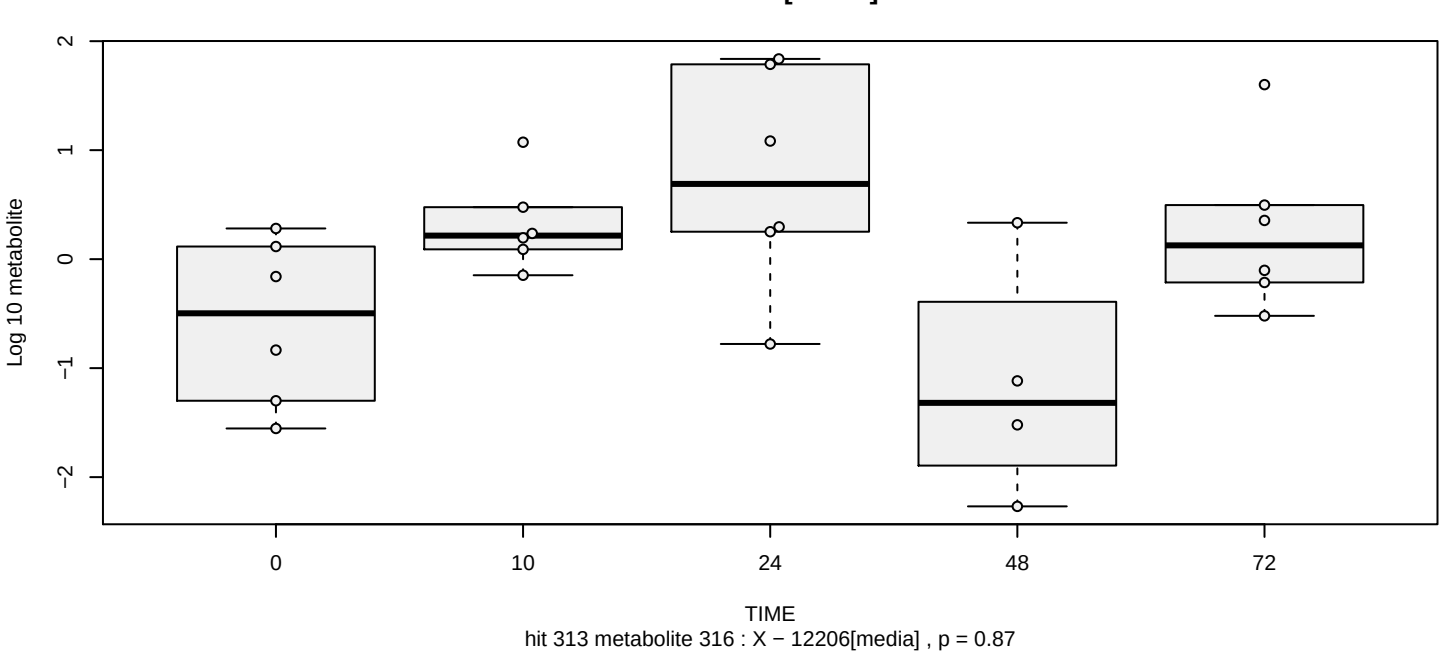
hit 310 metabolite 313 : X − 11979[media] , p = 0.045



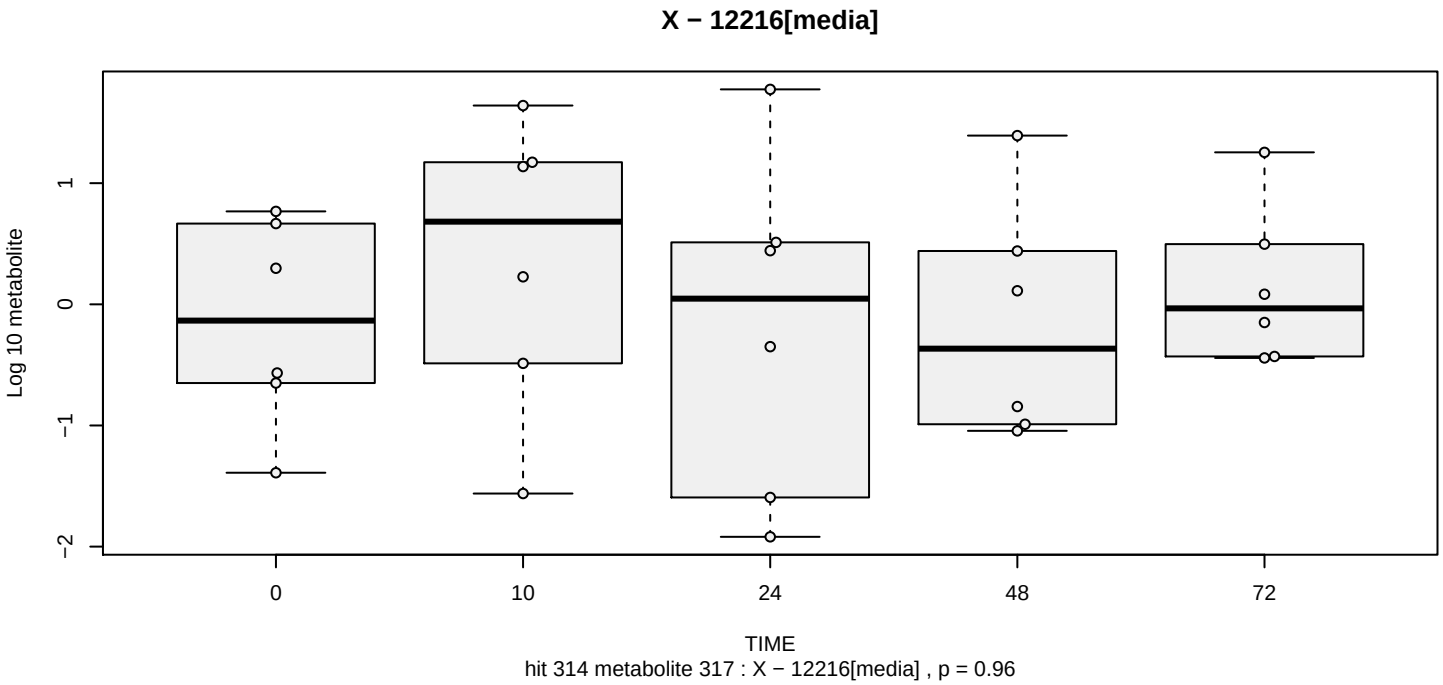
hit 311 metabolite 314 : X − 12015[media] , p = 0.31



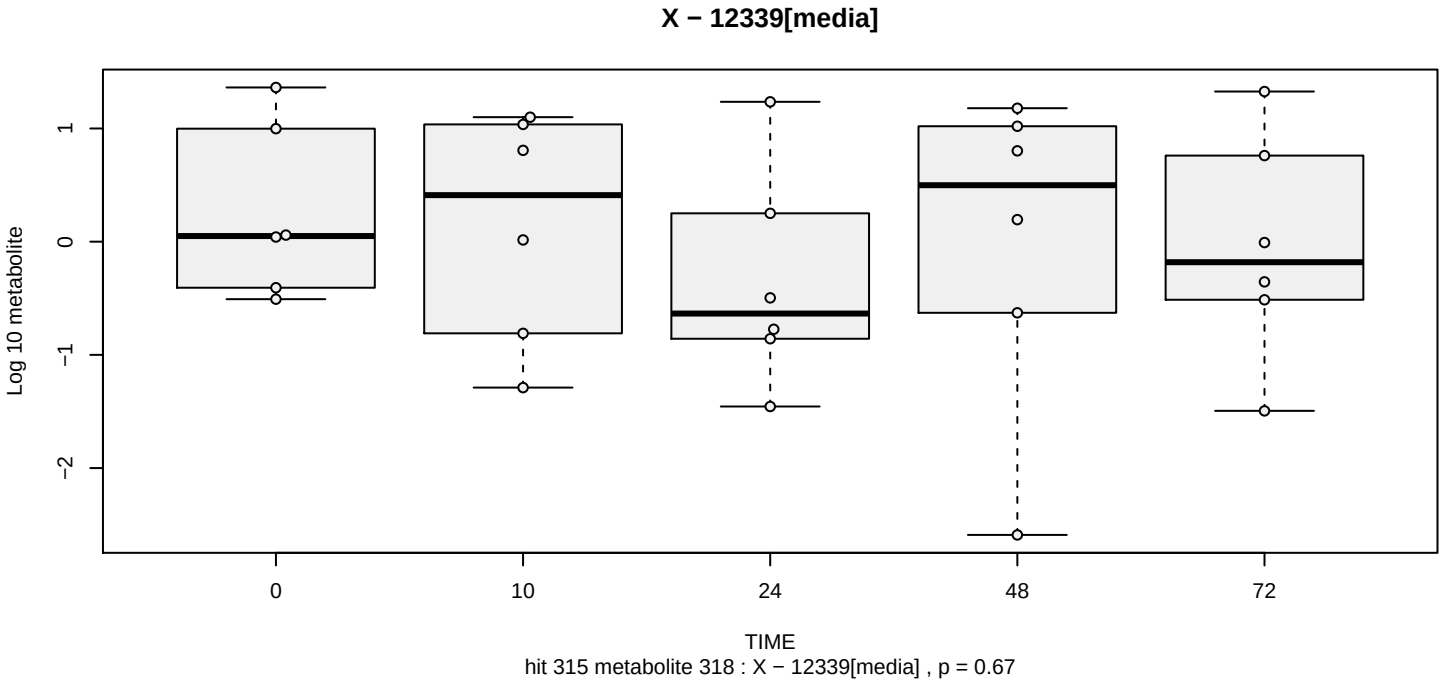
hit 312 metabolite 315 : X − 12100[media] , p = 0.9



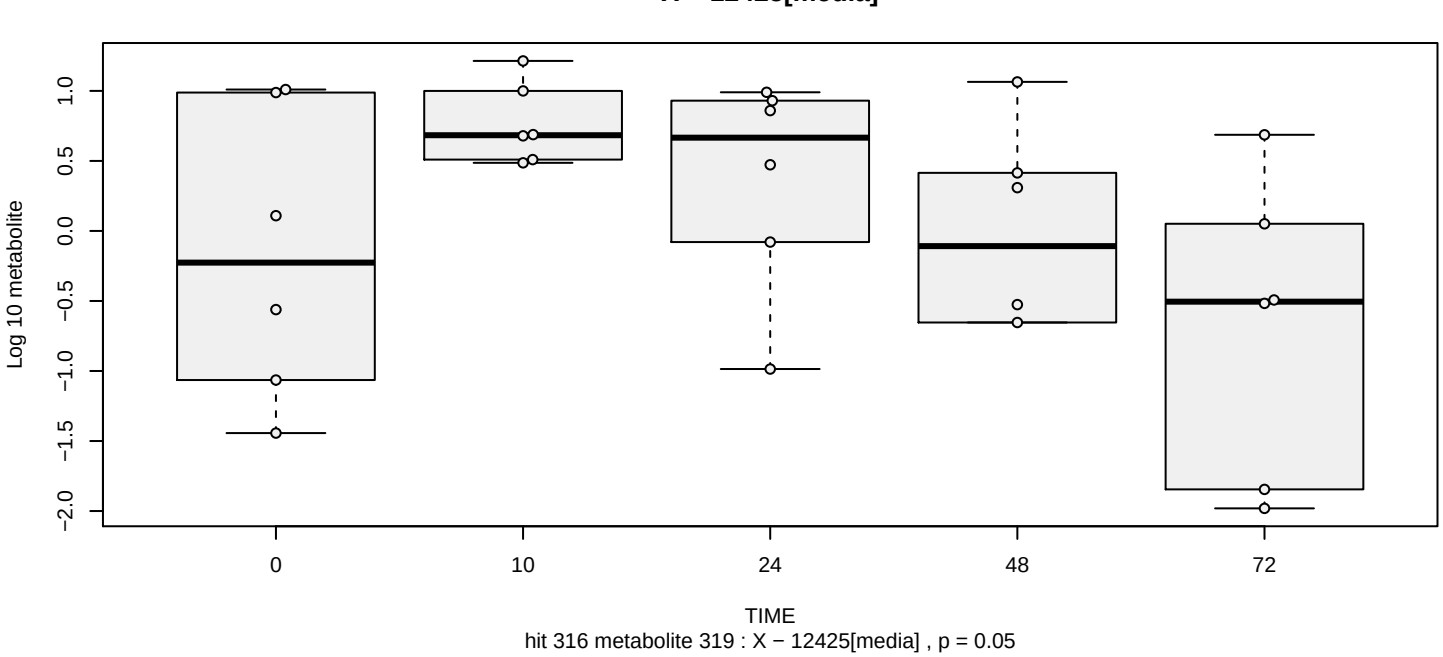
hit 313 metabolite 316 : X − 12206[media] , p = 0.87



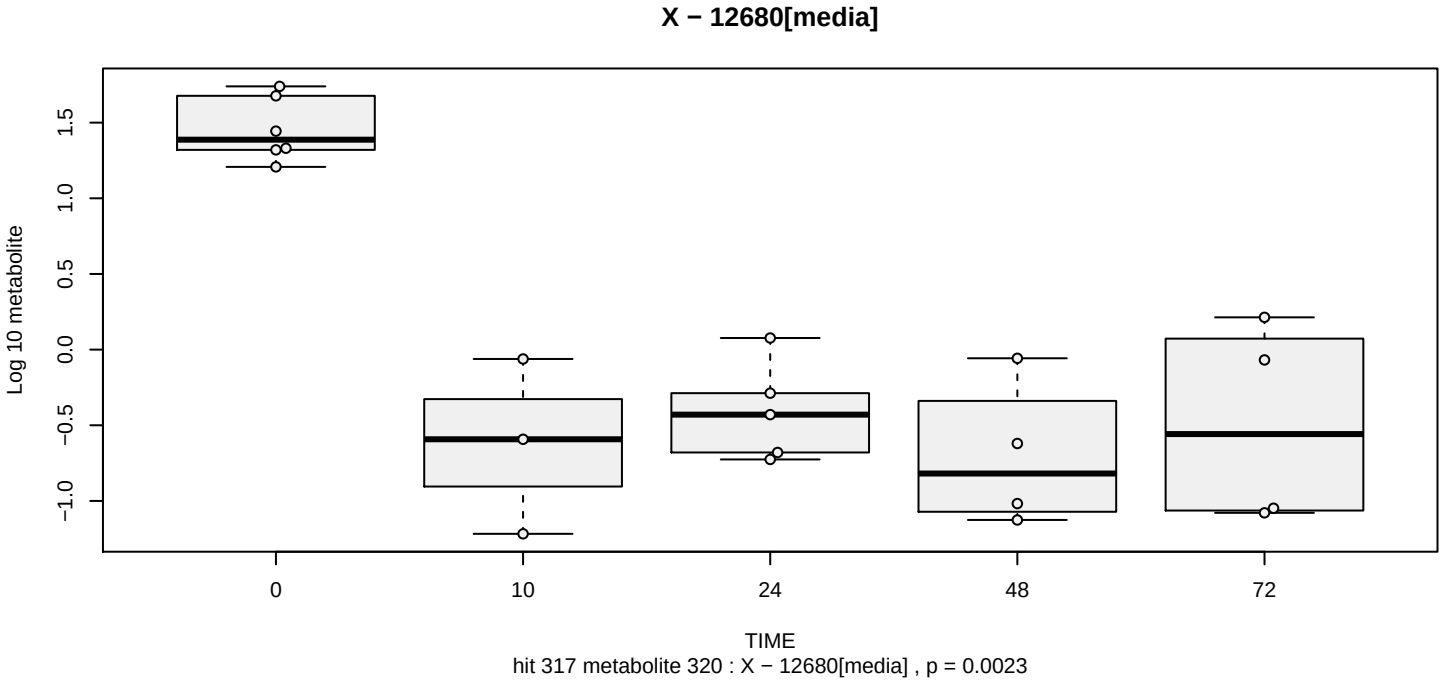
hit 314 metabolite 317 : X − 12216[media] , p = 0.96



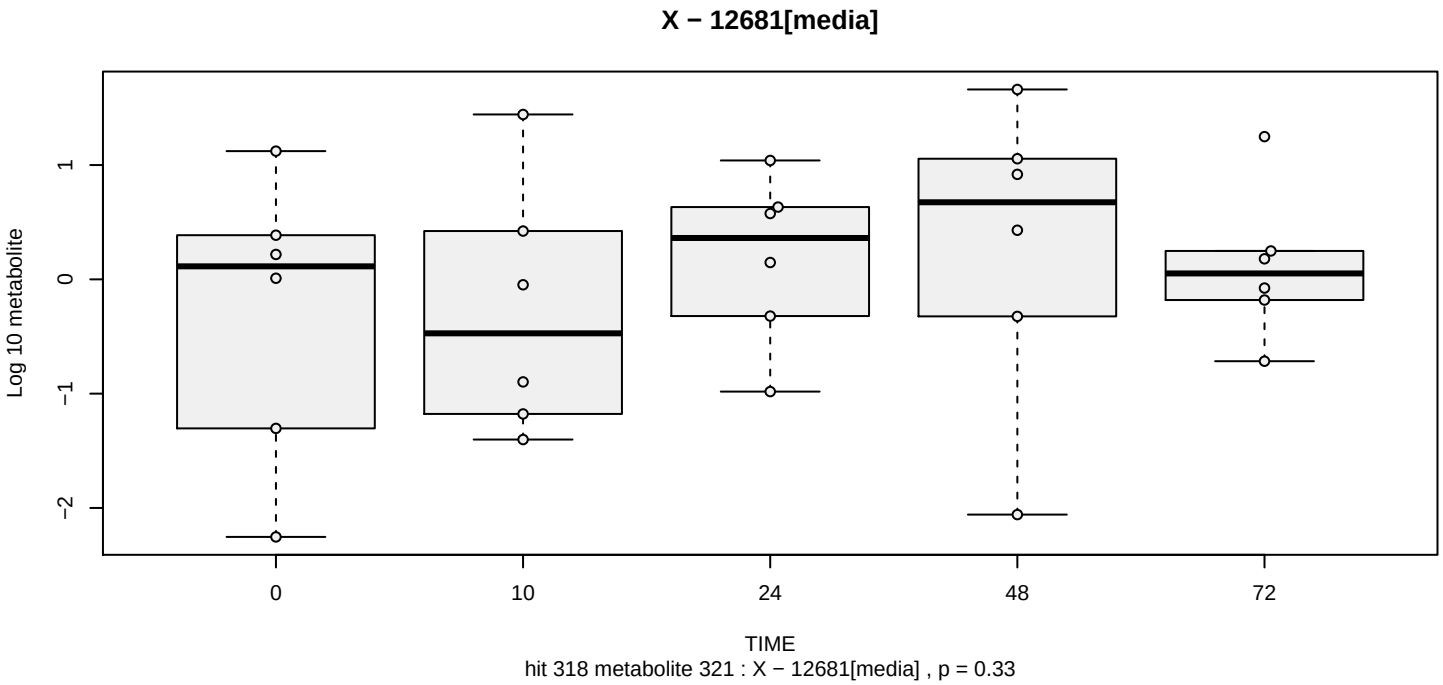
hit 315 metabolite 318 : X − 12339[media] , p = 0.67



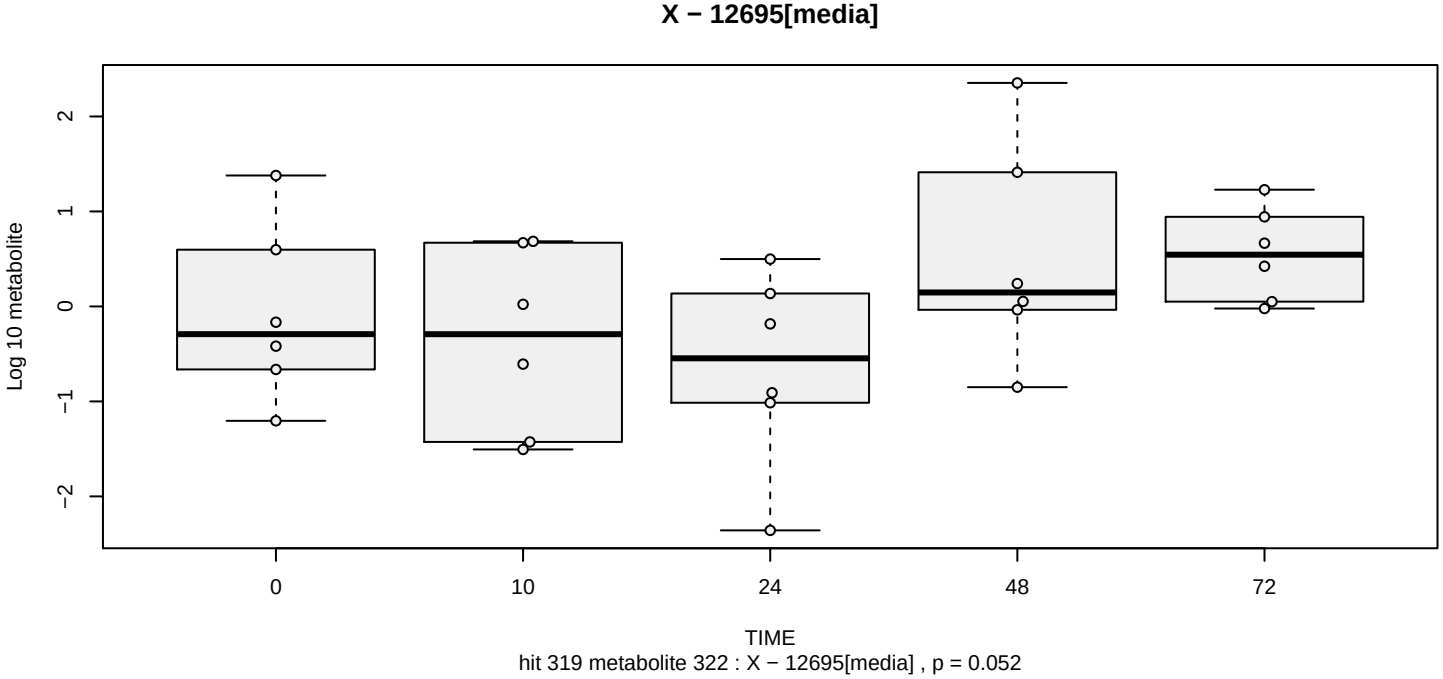
hit 316 metabolite 319 : X − 12425[media] , p = 0.05



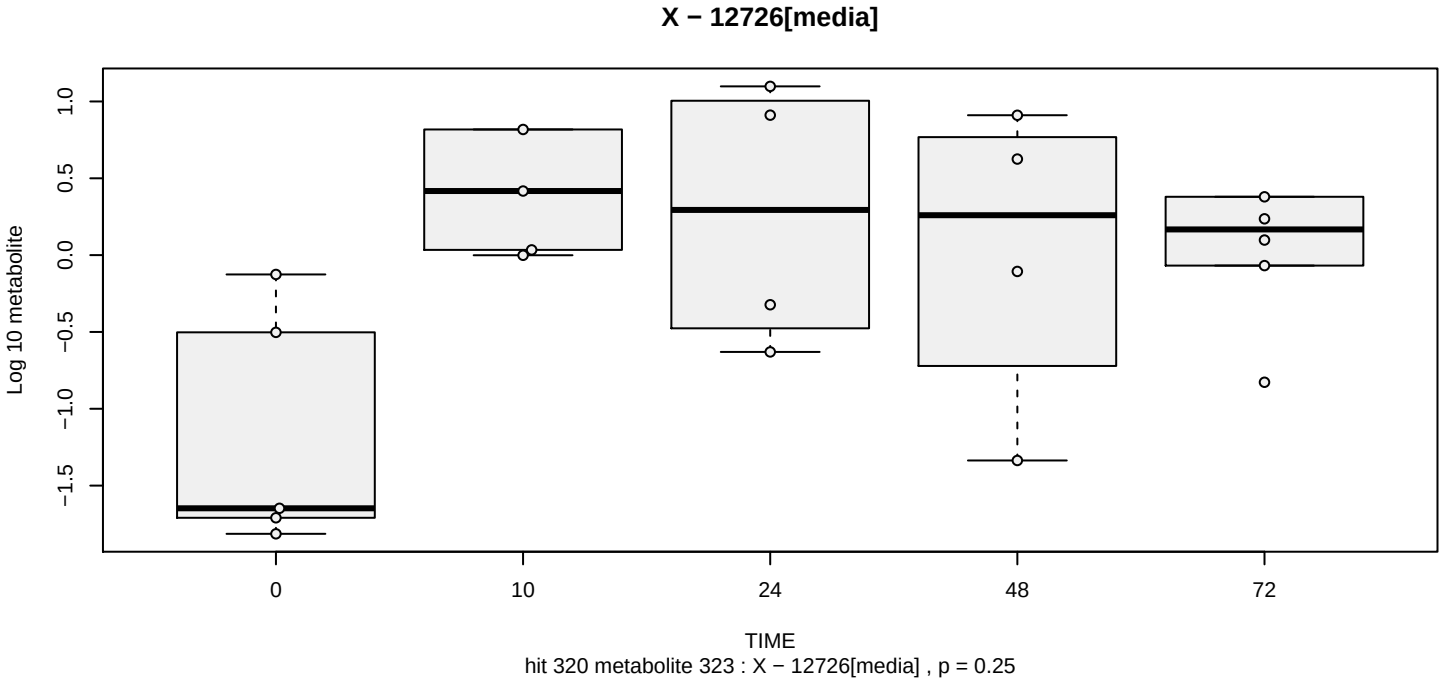
hit 317 metabolite 320 : X − 12680[media] , p = 0.0023



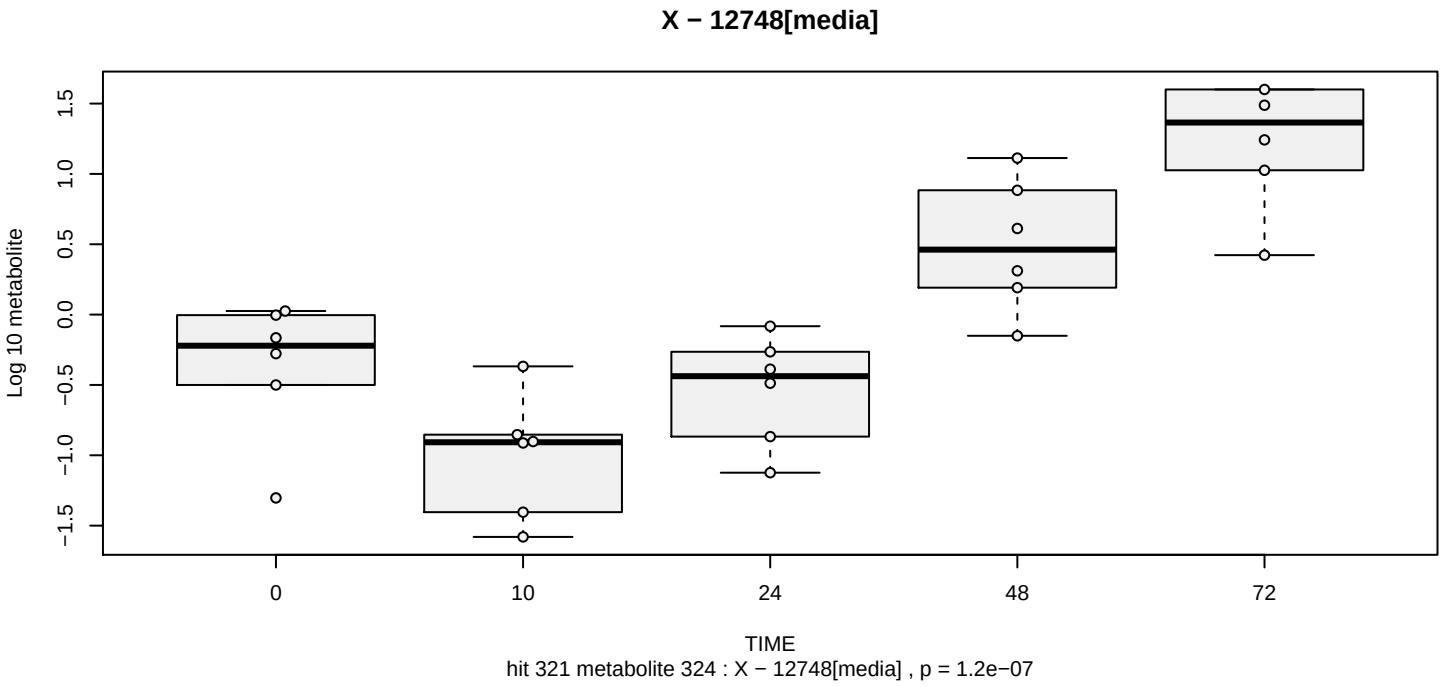
hit 318 metabolite 321 : X − 12681[media] , p = 0.33



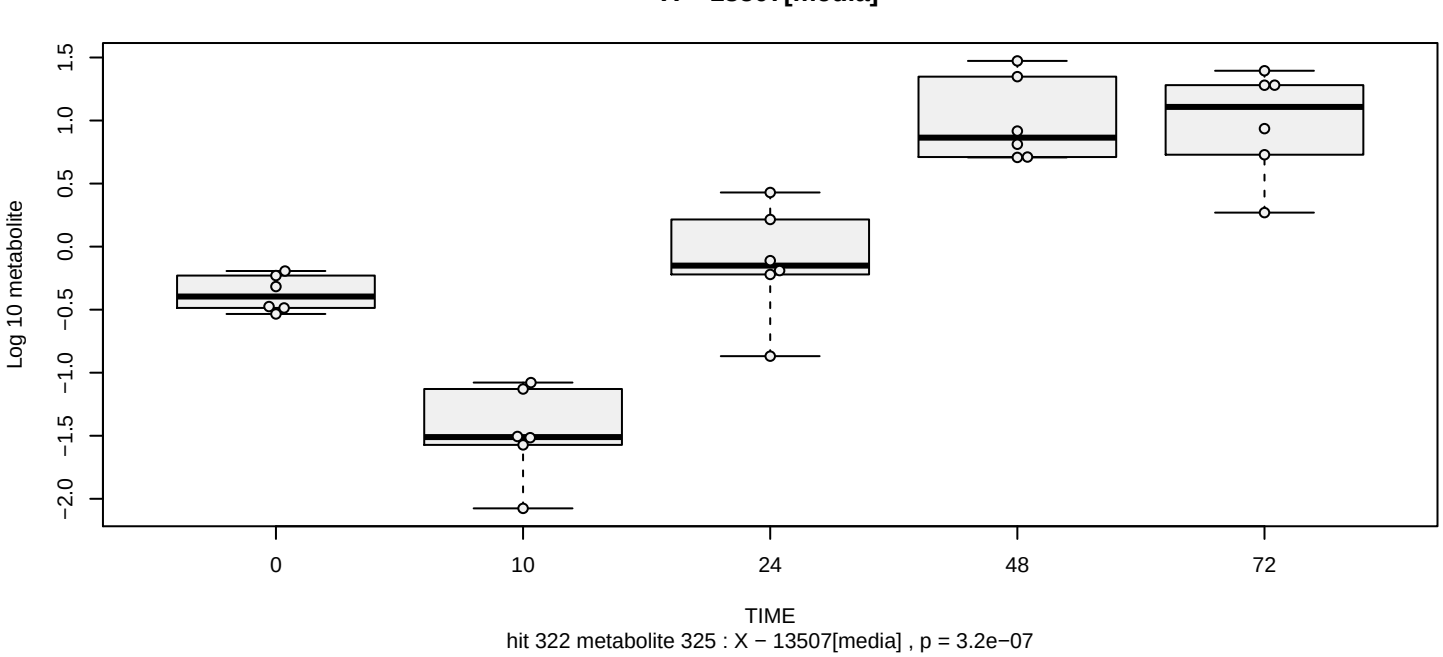
hit 319 metabolite 322 : X − 12695[media] , p = 0.052



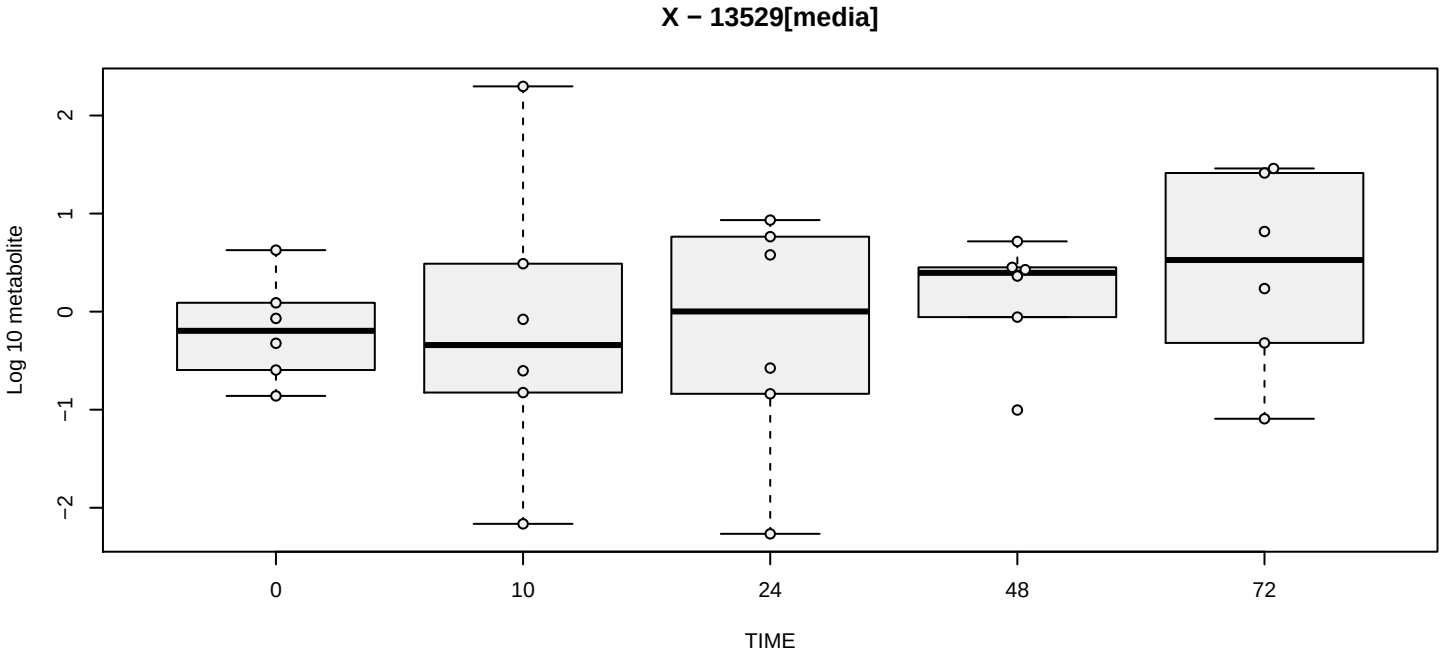
hit 320 metabolite 323 : X − 12726[media] , p = 0.25



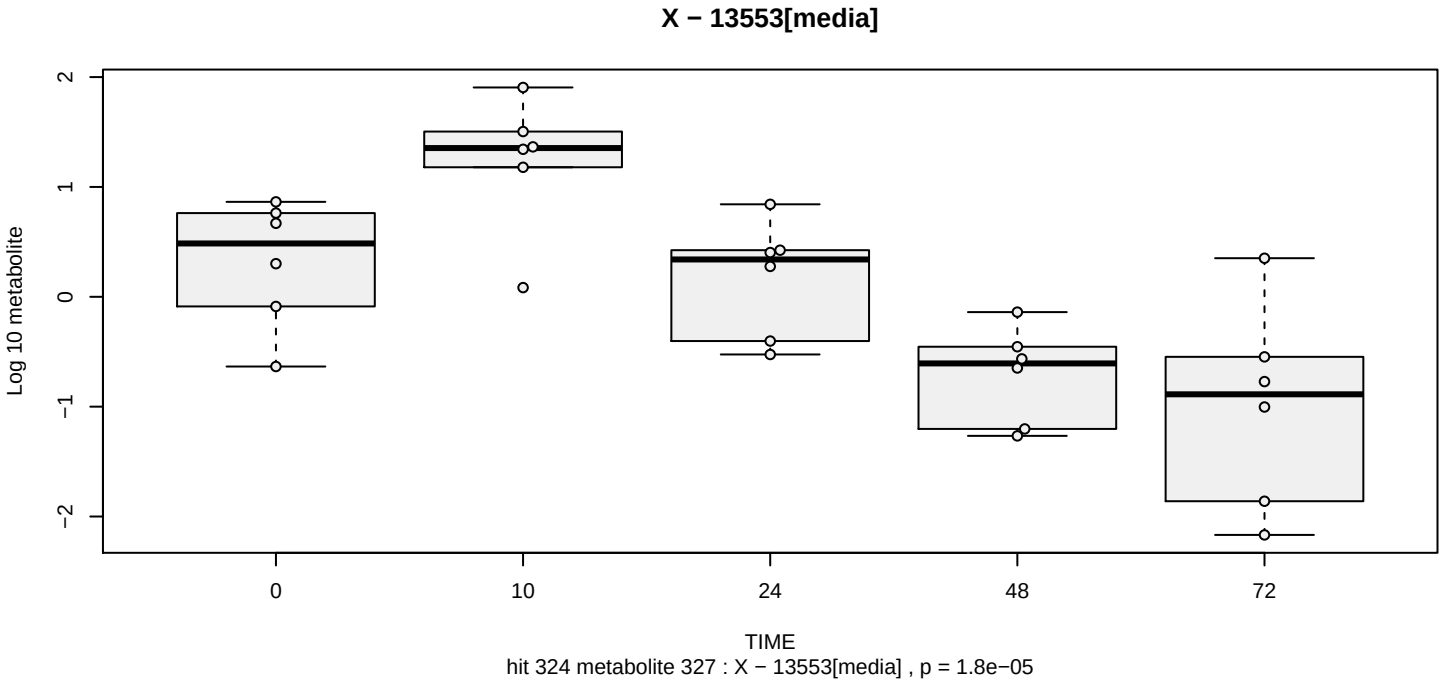
hit 321 metabolite 324 : X − 12748[media] , p = 1.2e−07



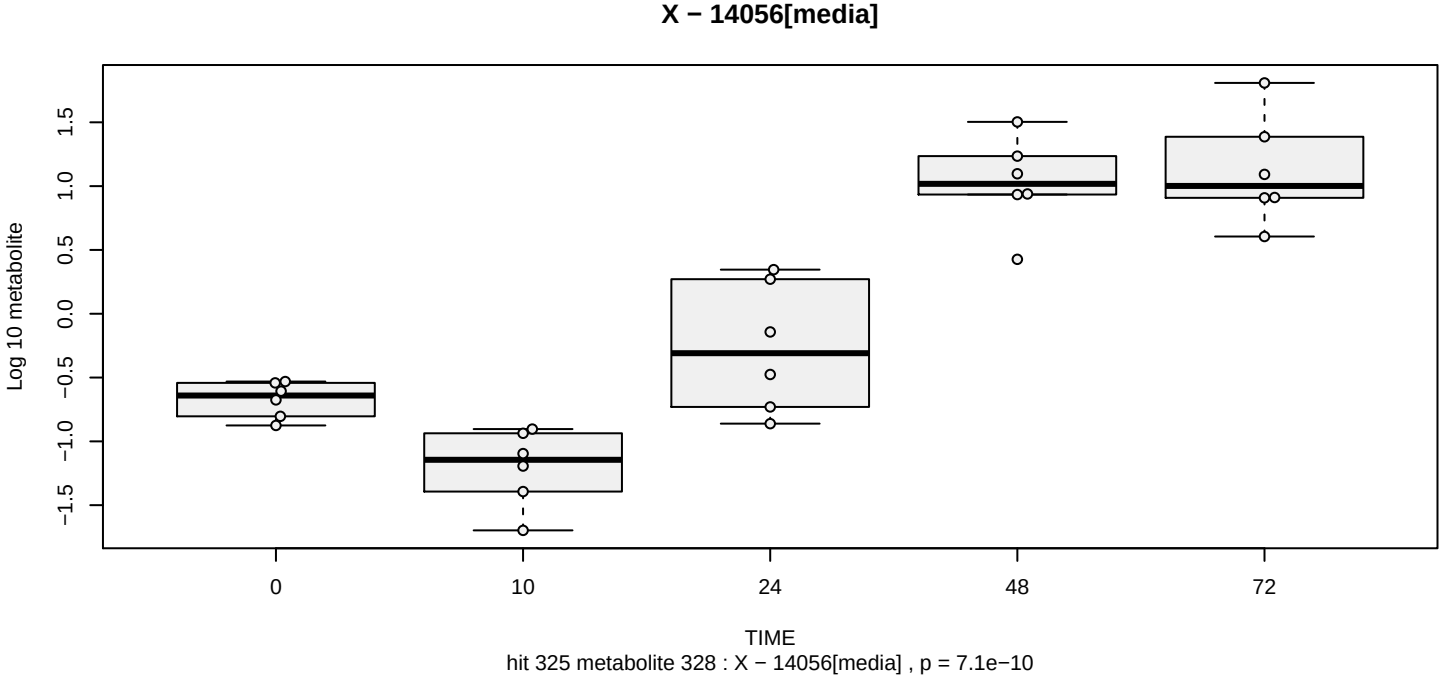
hit 322 metabolite 325 : X − 13507[media] , p = 3.2e−07



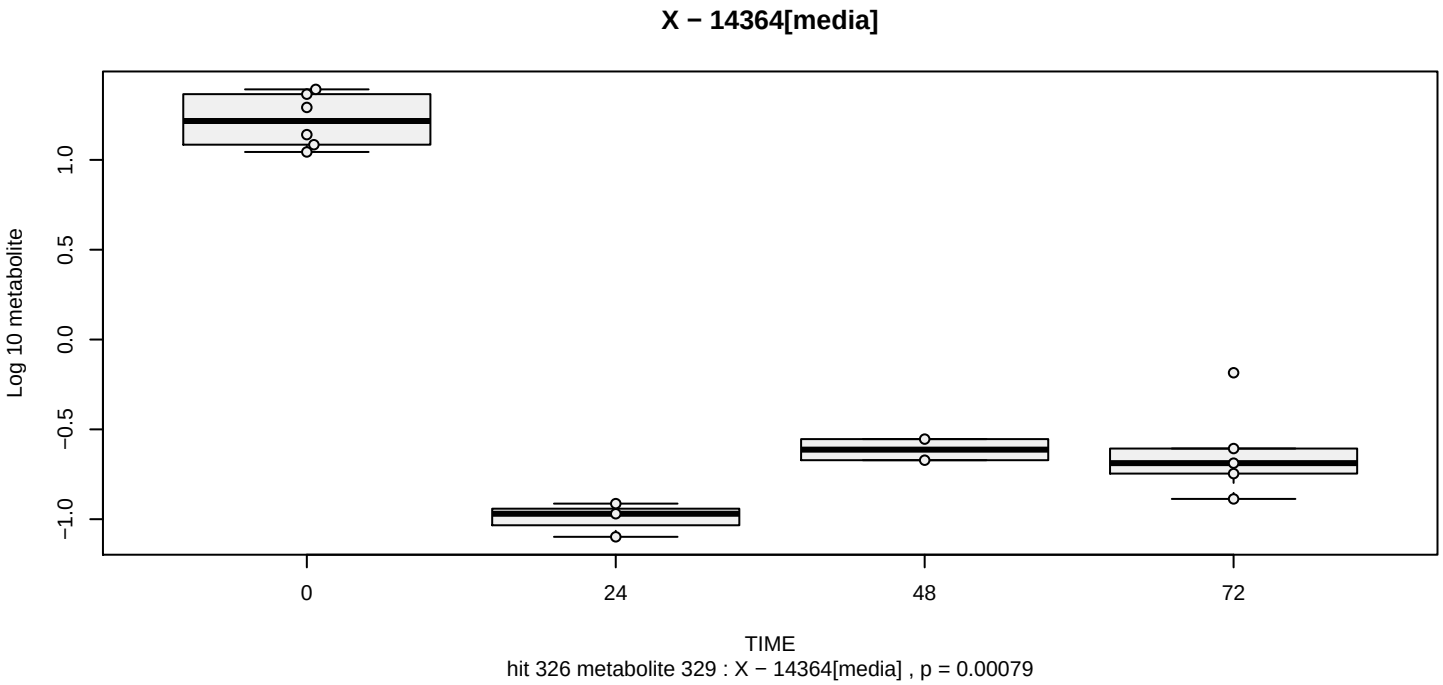
hit 323 metabolite 326 : X − 13529[media] , p = 0.21



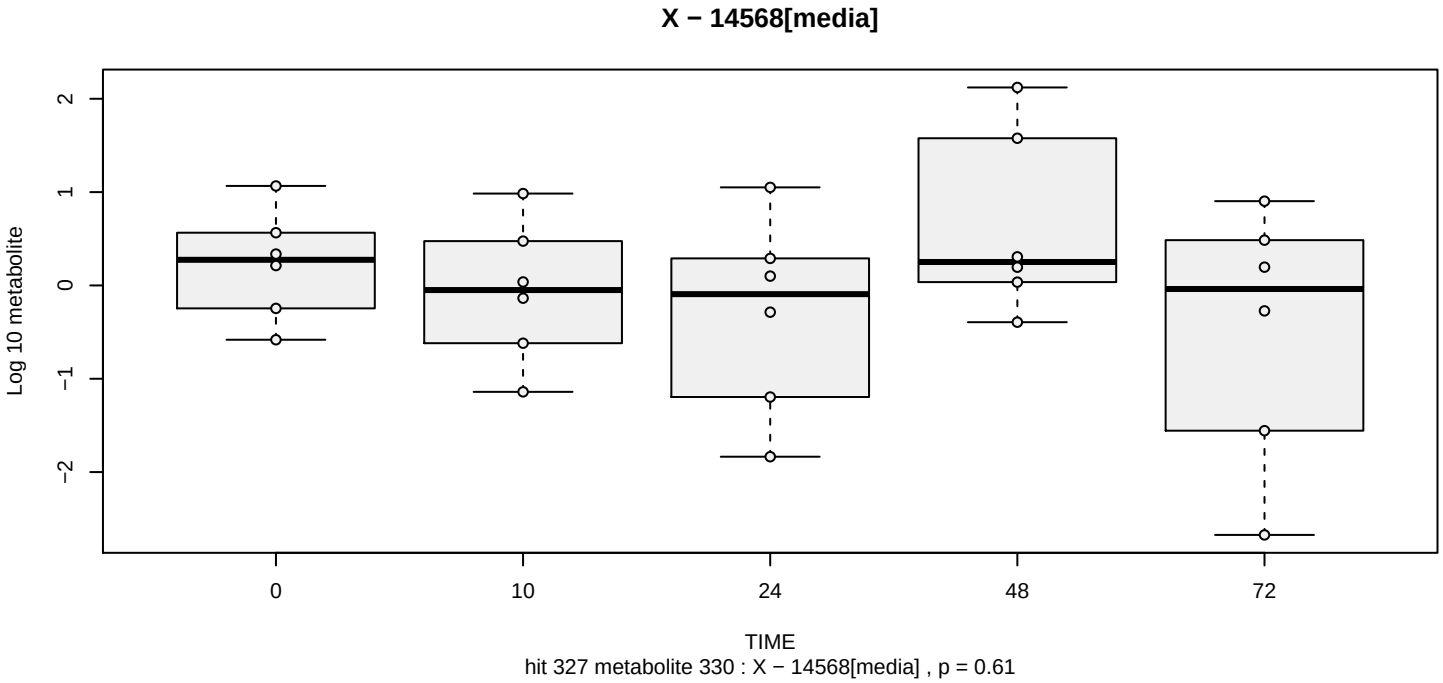
hit 324 metabolite 327 : X − 13553[media] , p = 1.8e−05



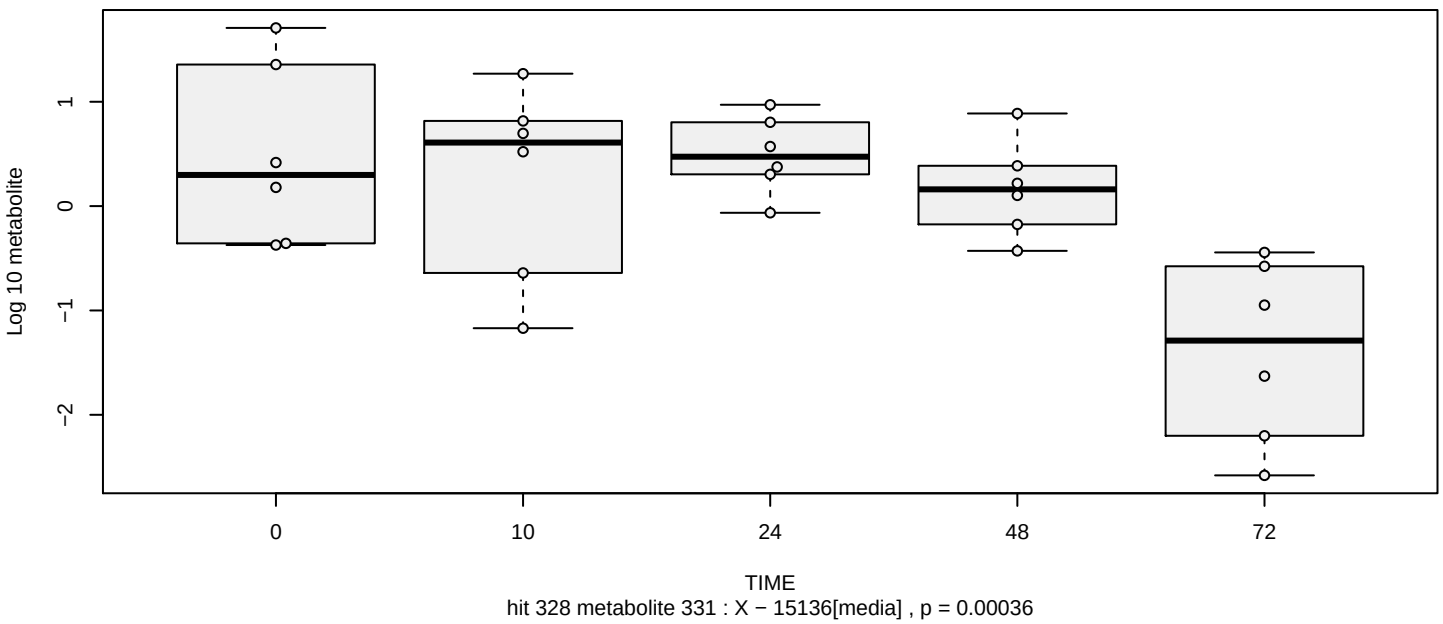
hit 325 metabolite 328 : X − 14056[media] , p = 7.1e−10



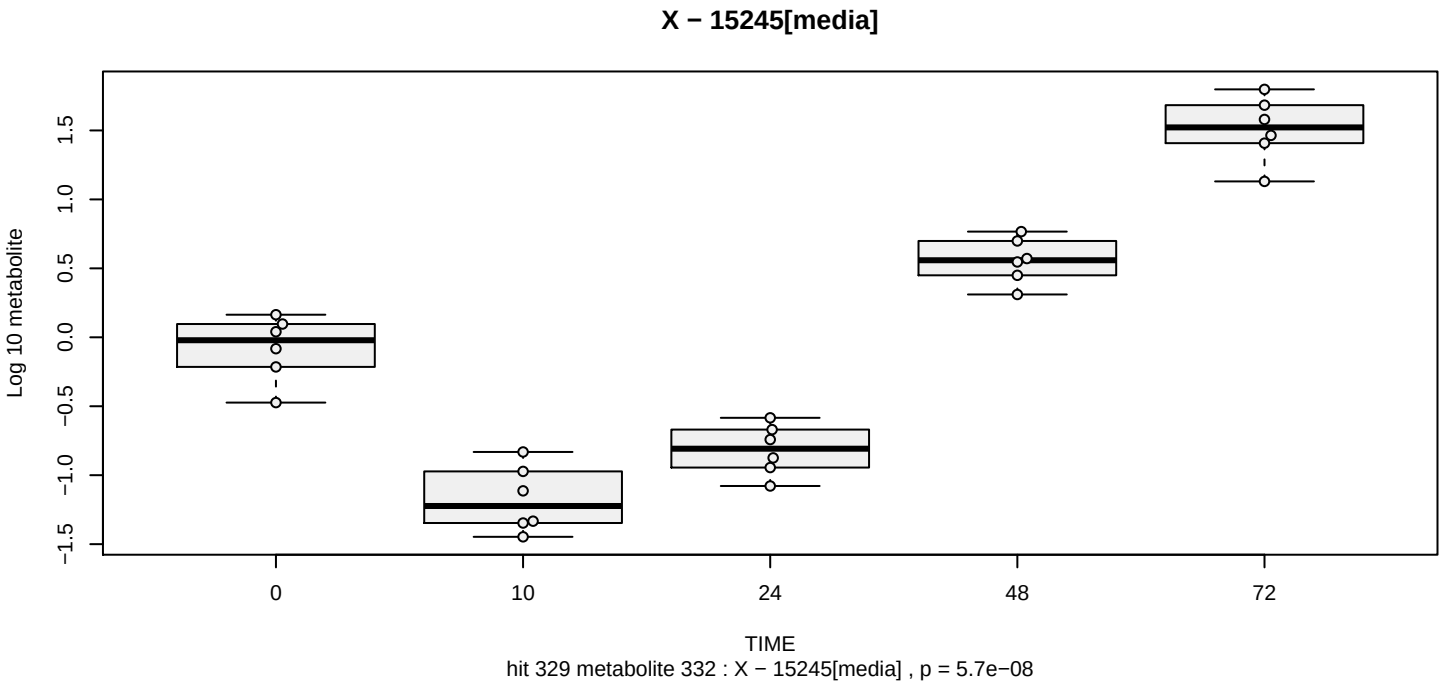
hit 326 metabolite 329 : X − 14364[media] , p = 0.00079



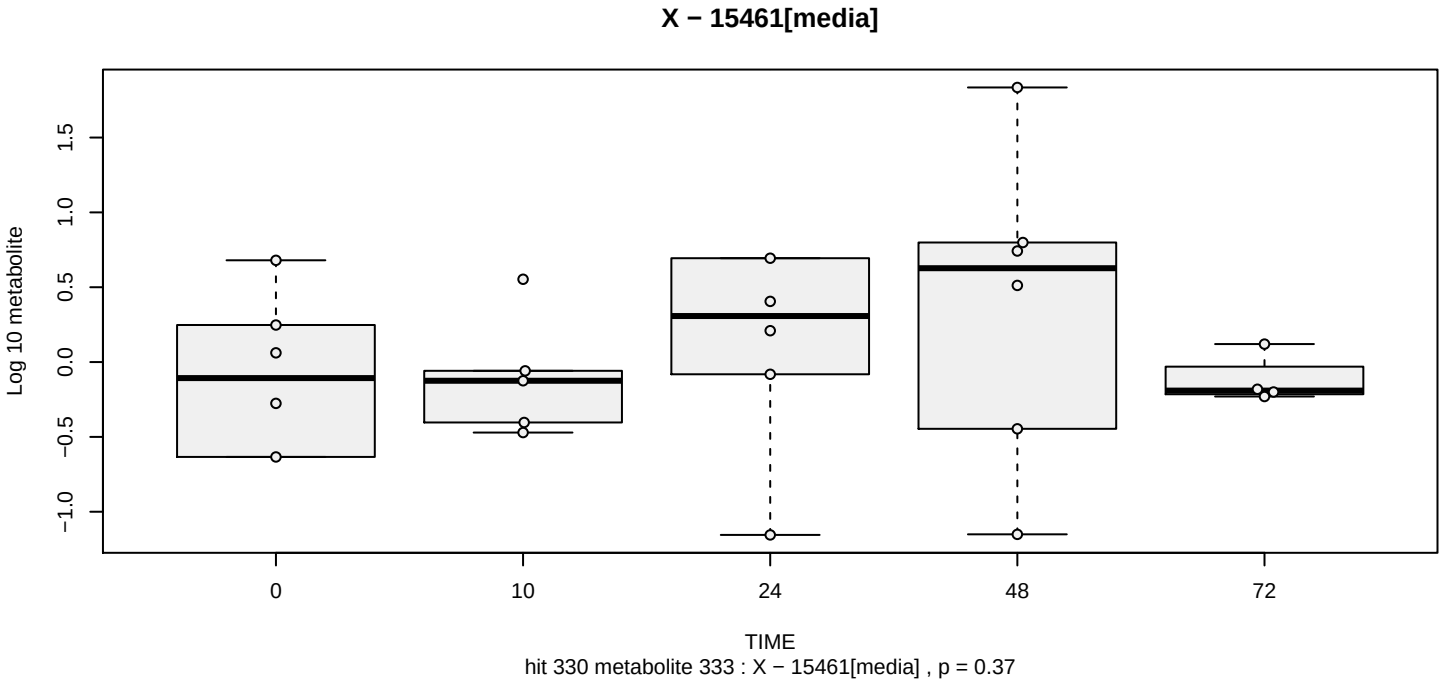
hit 327 metabolite 330 : X − 14568[media] , p = 0.61



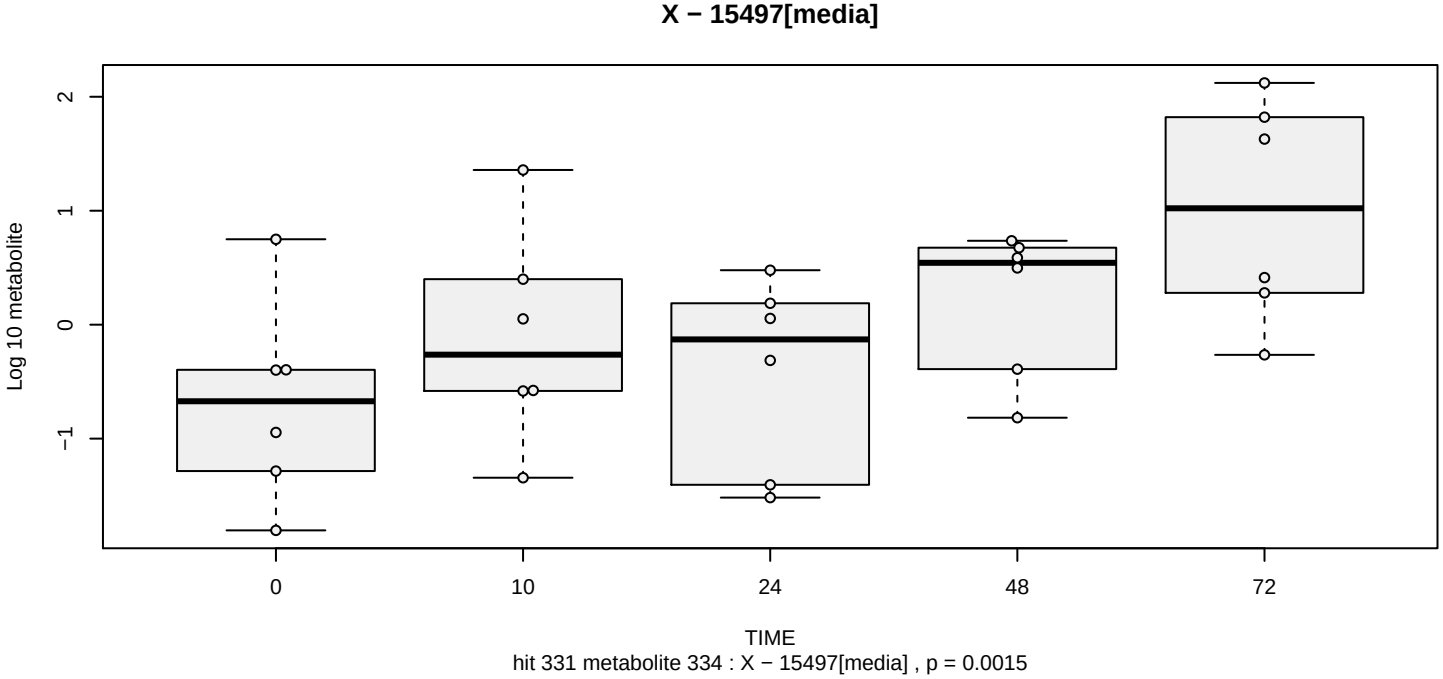
hit 328 metabolite 331 : X − 15136[media] , p = 0.00036



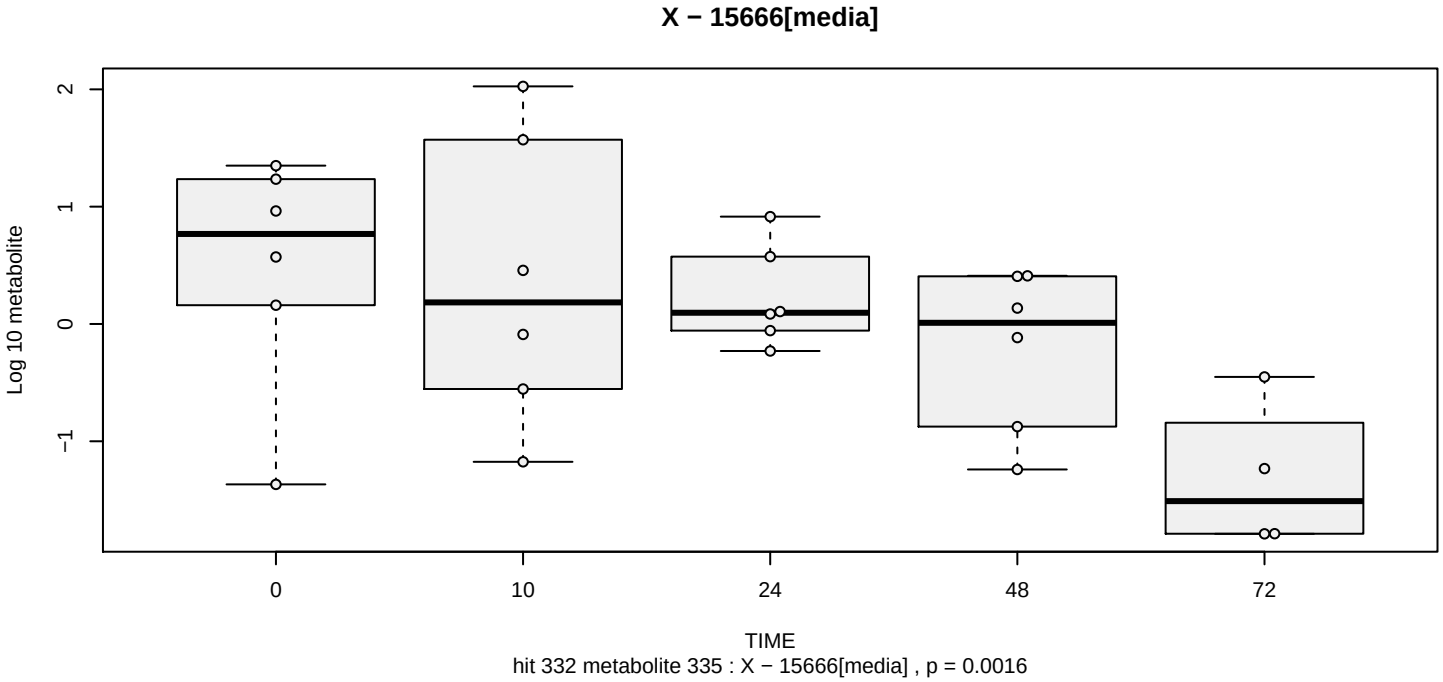
hit 329 metabolite 332 : X − 15245[media] , p = 5.7e−08



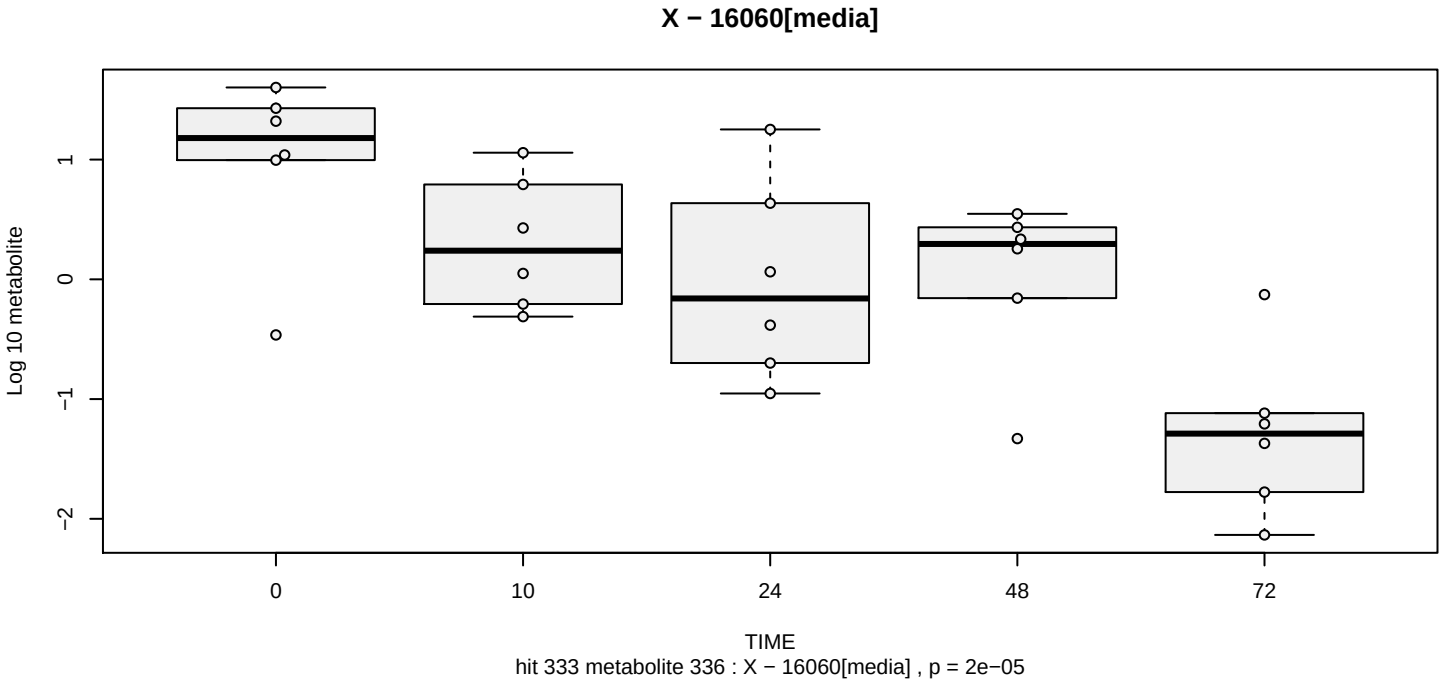
hit 330 metabolite 333 : X − 15461[media] , p = 0.37



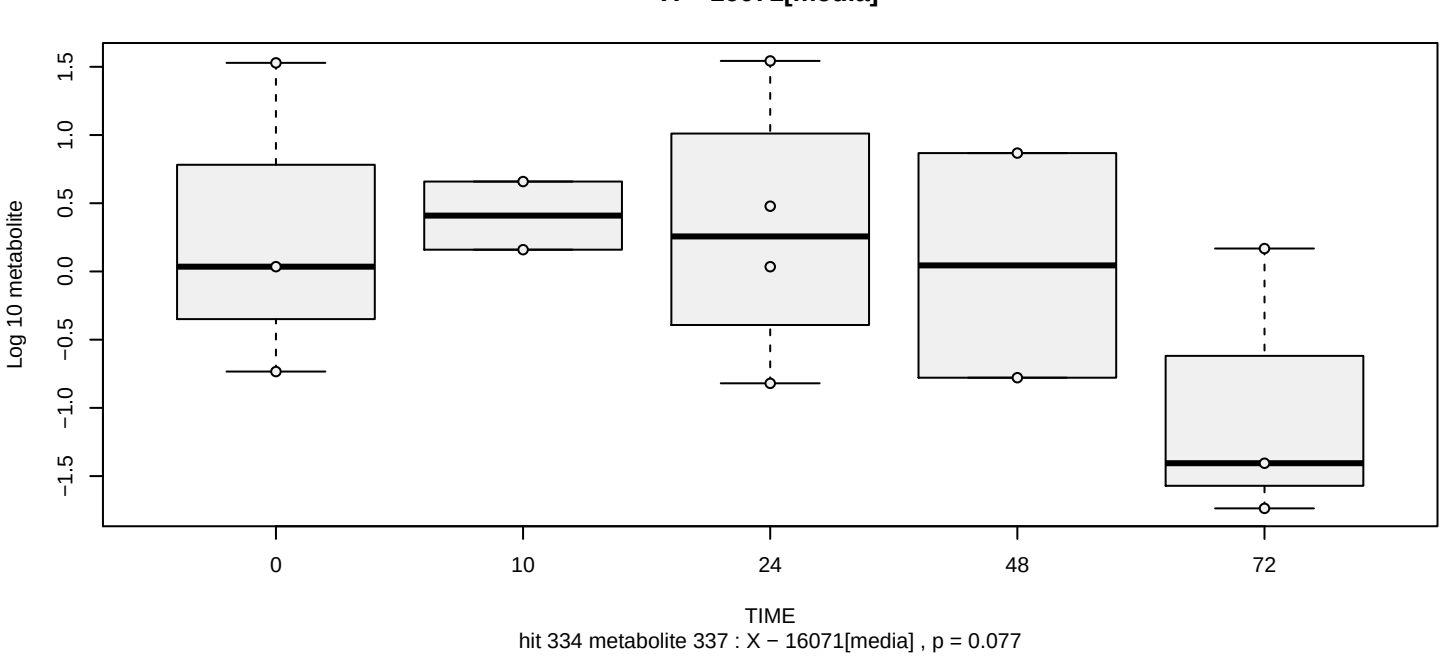
hit 331 metabolite 334 : X − 15497[media] , p = 0.0015



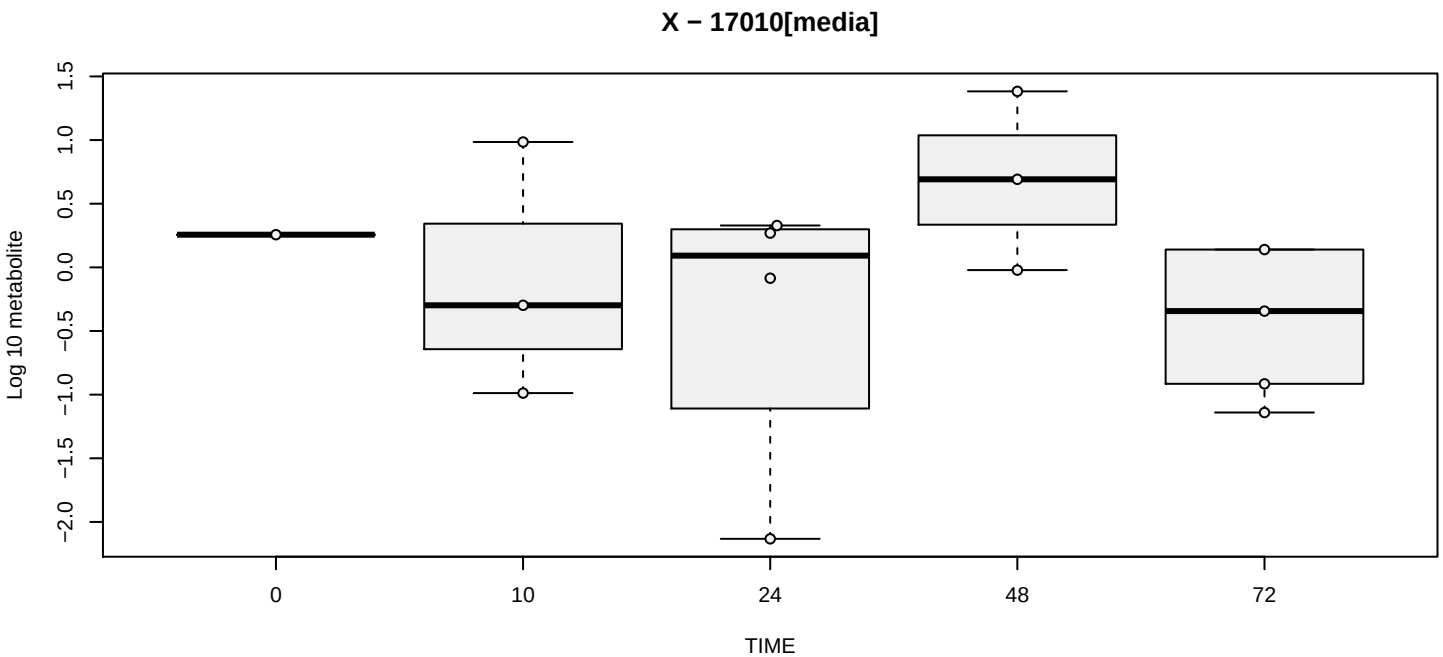
hit 332 metabolite 335 : X − 15666[media] , p = 0.0016



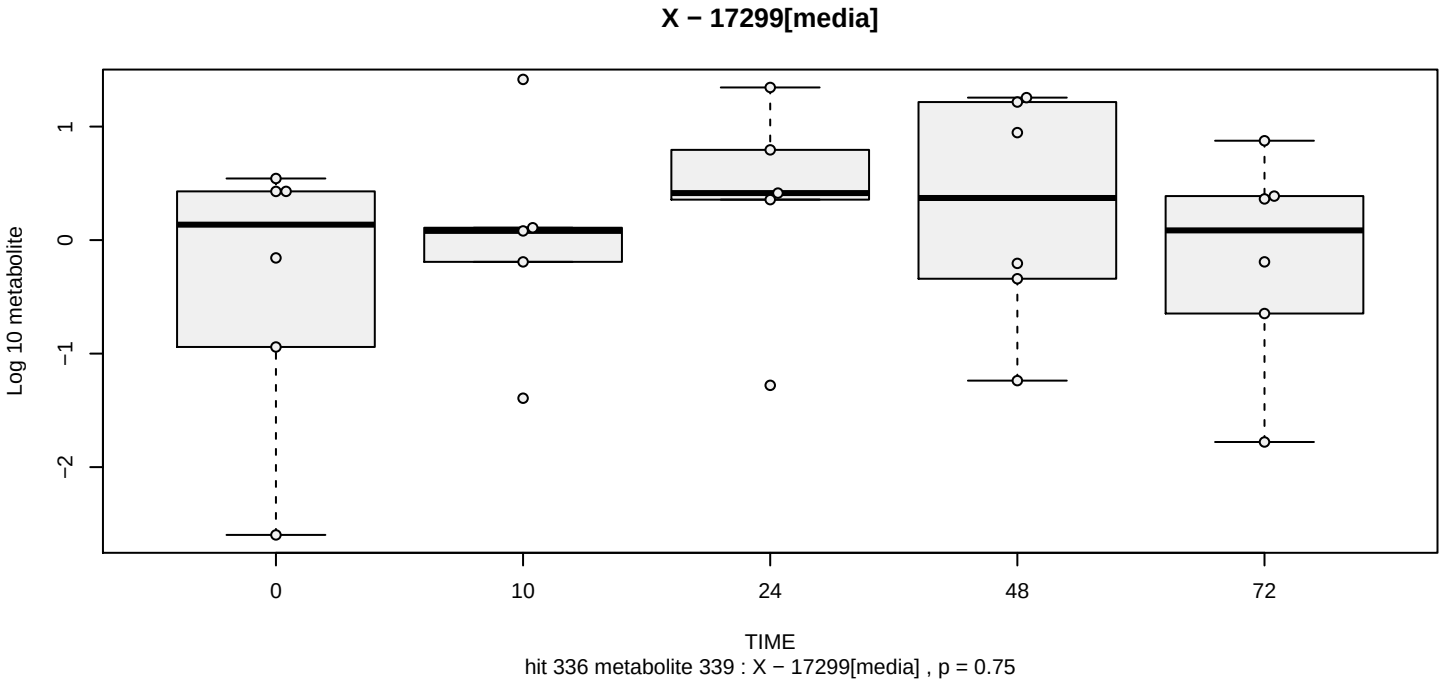
hit 333 metabolite 336 : X − 16060[media] , p = 2e−05



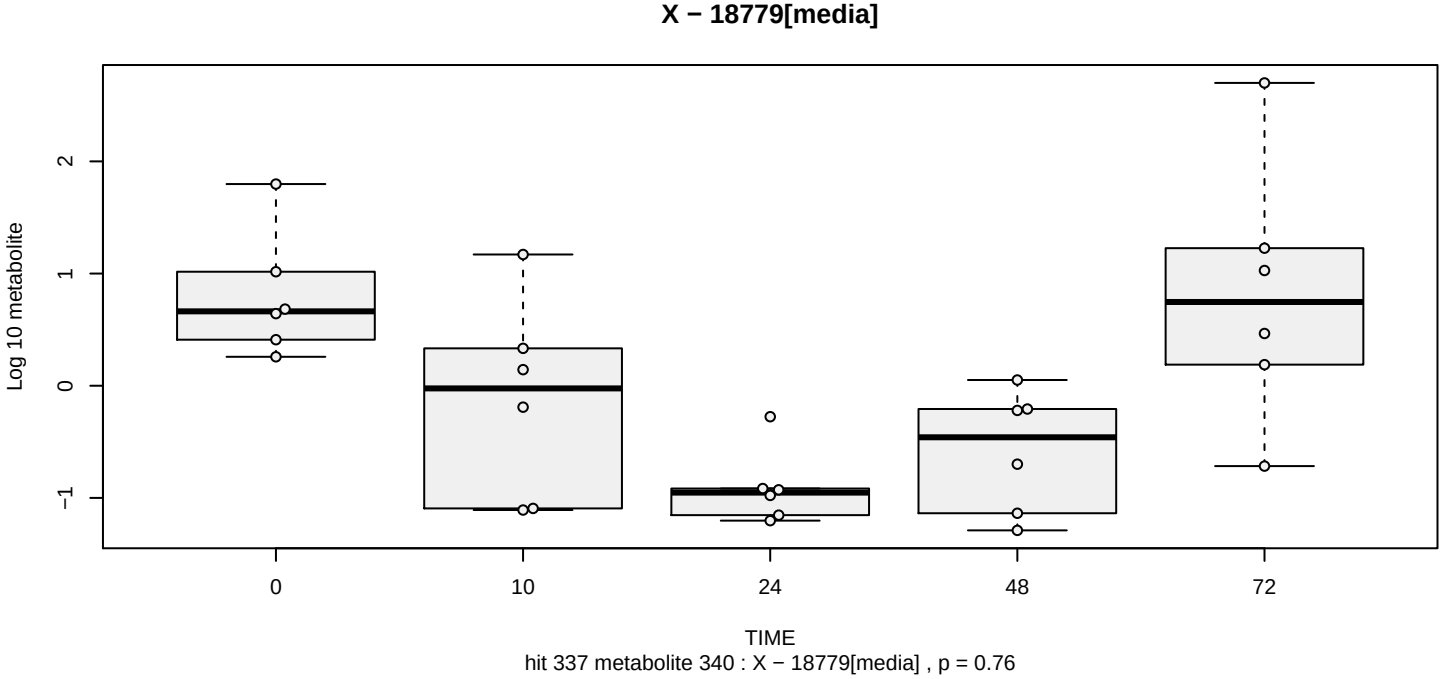
hit 334 metabolite 337 : X − 16071[media] , p = 0.077



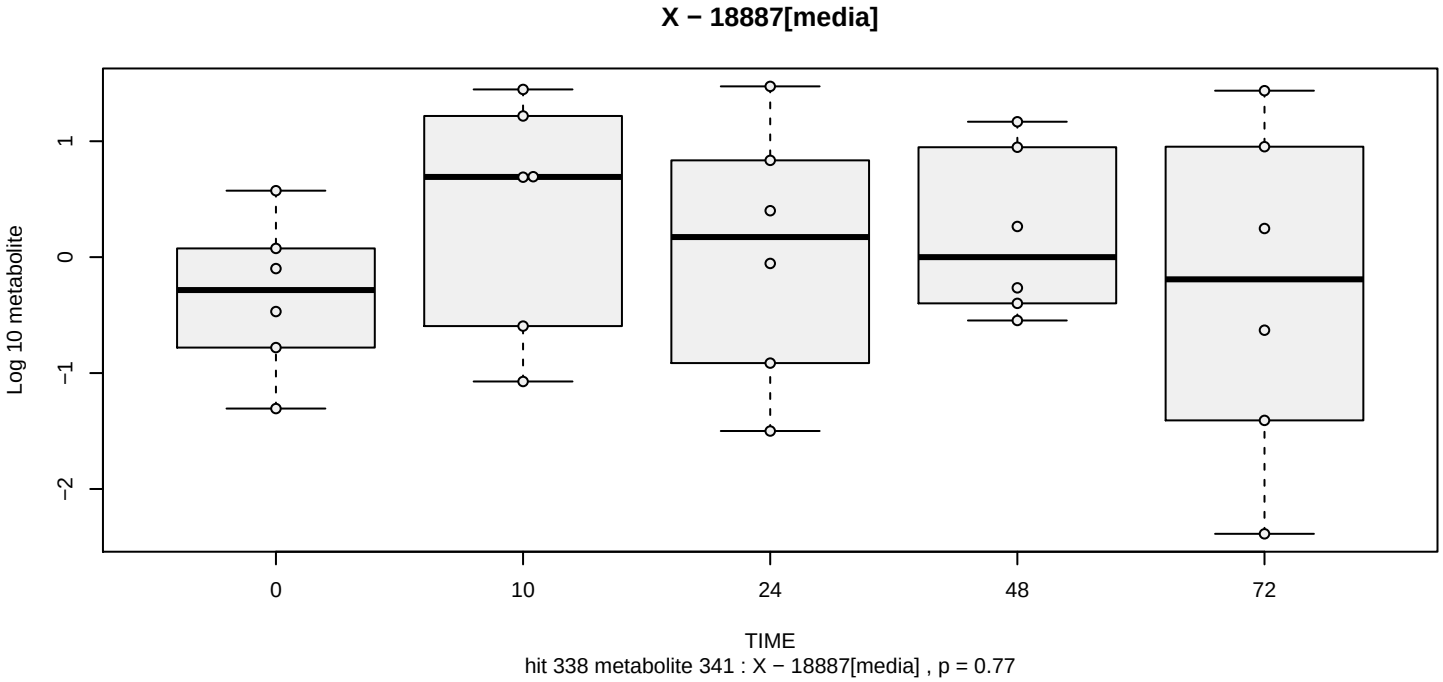
hit 335 metabolite 338 : X − 17010[media] , p = 0.79



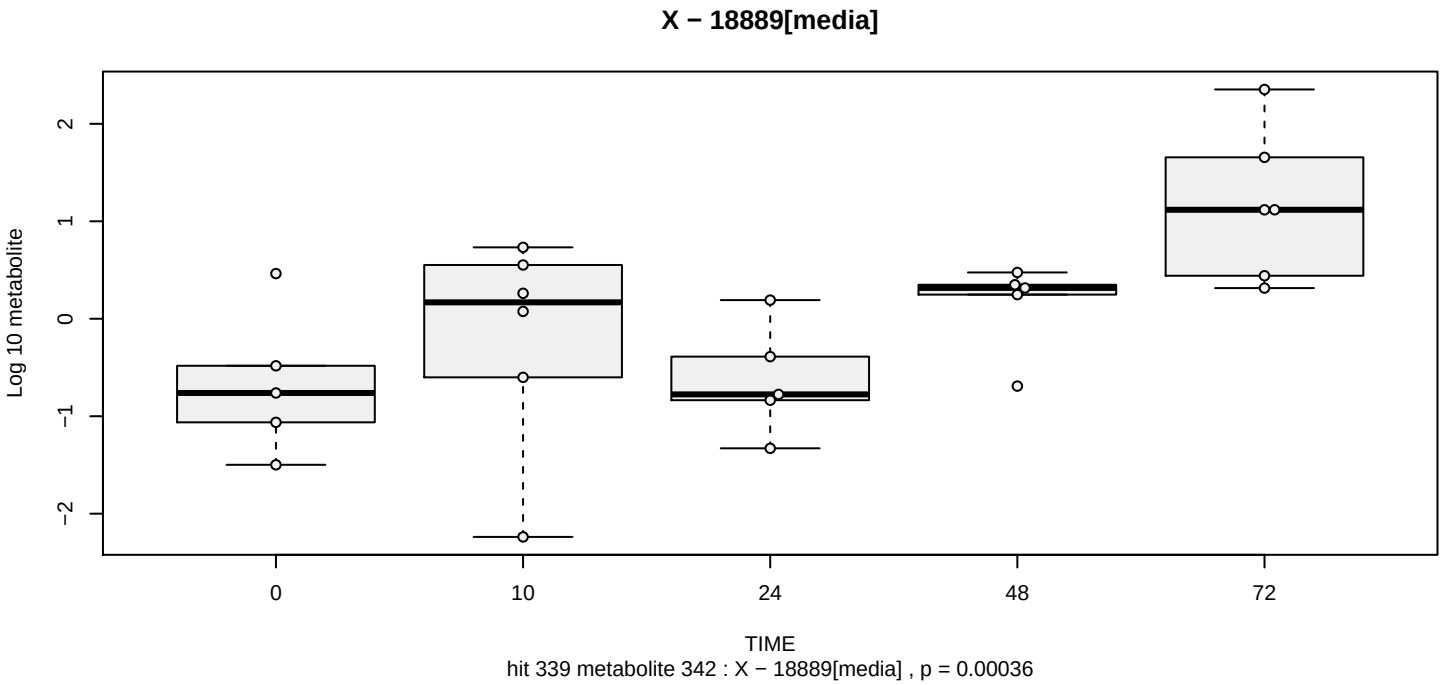
hit 336 metabolite 339 : X − 17299[media] , p = 0.75



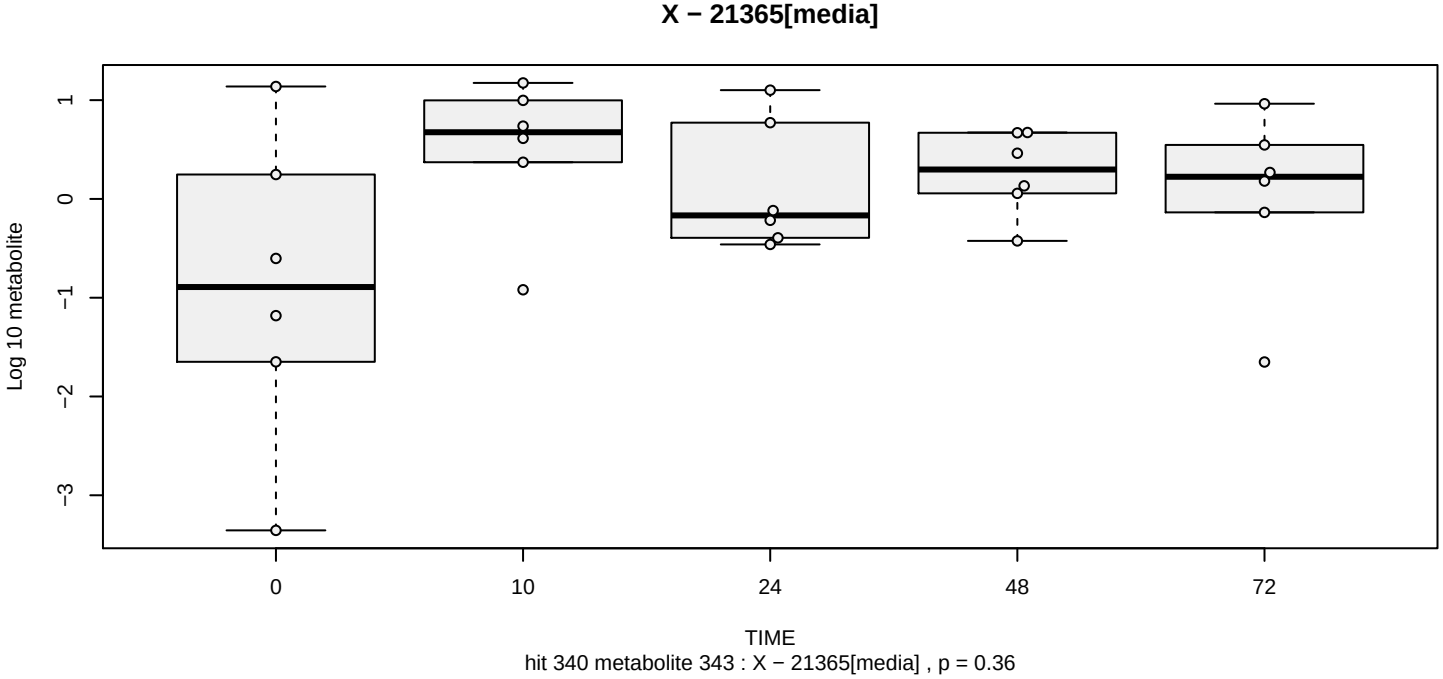
hit 337 metabolite 340 : X − 18779[media] , p = 0.76



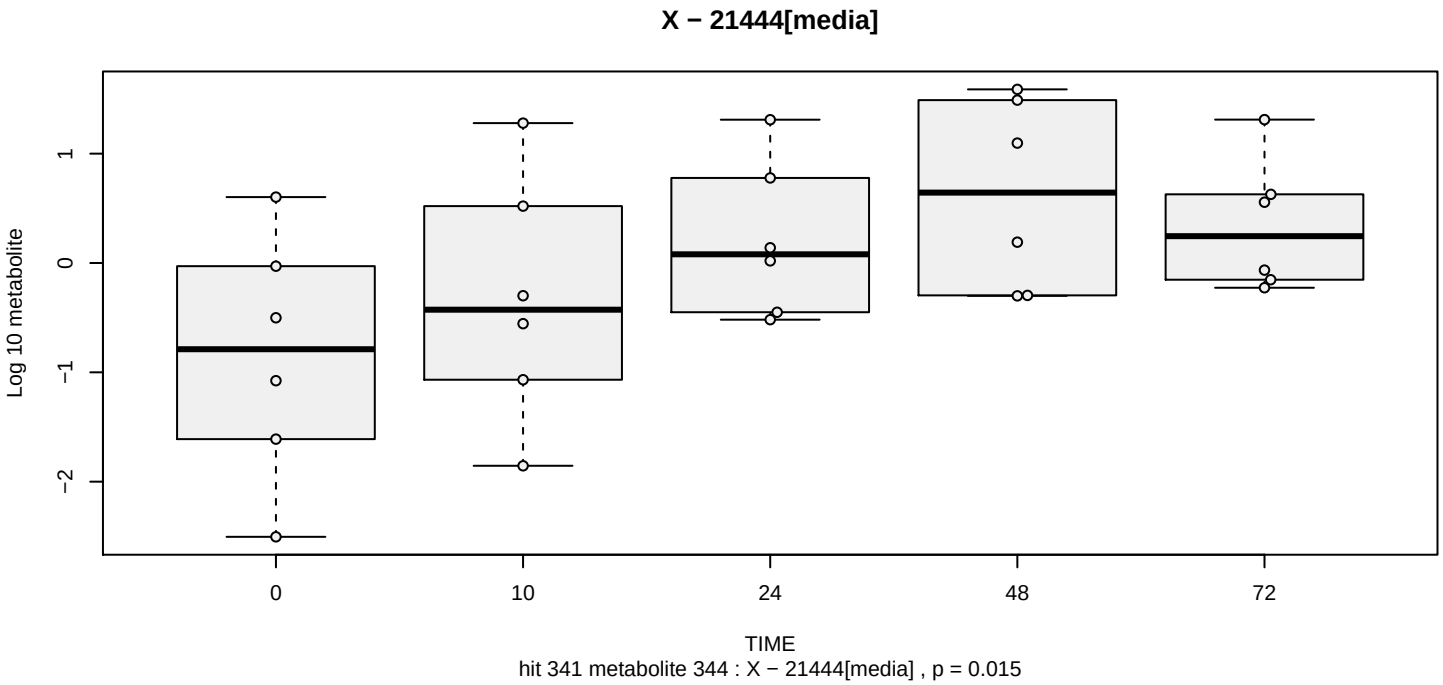
hit 338 metabolite 341 : X − 18887[media] , p = 0.77



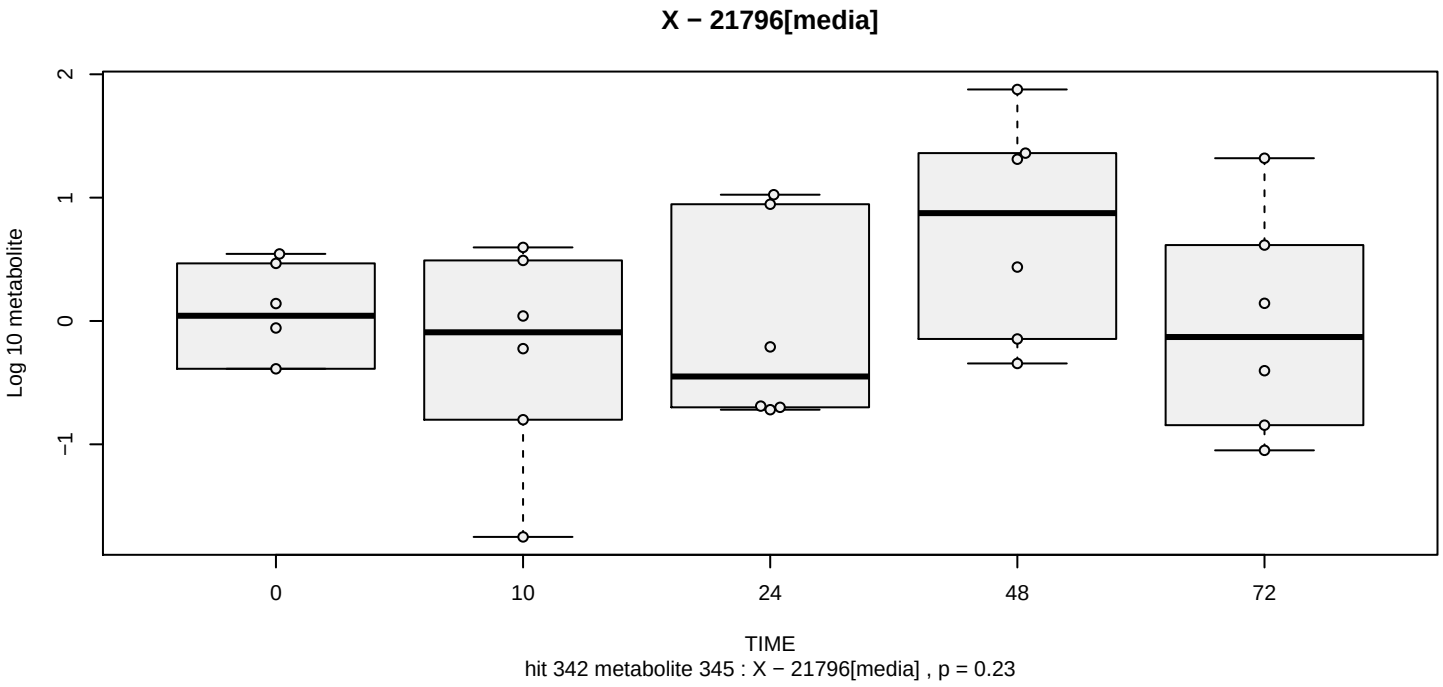
hit 339 metabolite 342 : X − 18889[media] , p = 0.00036



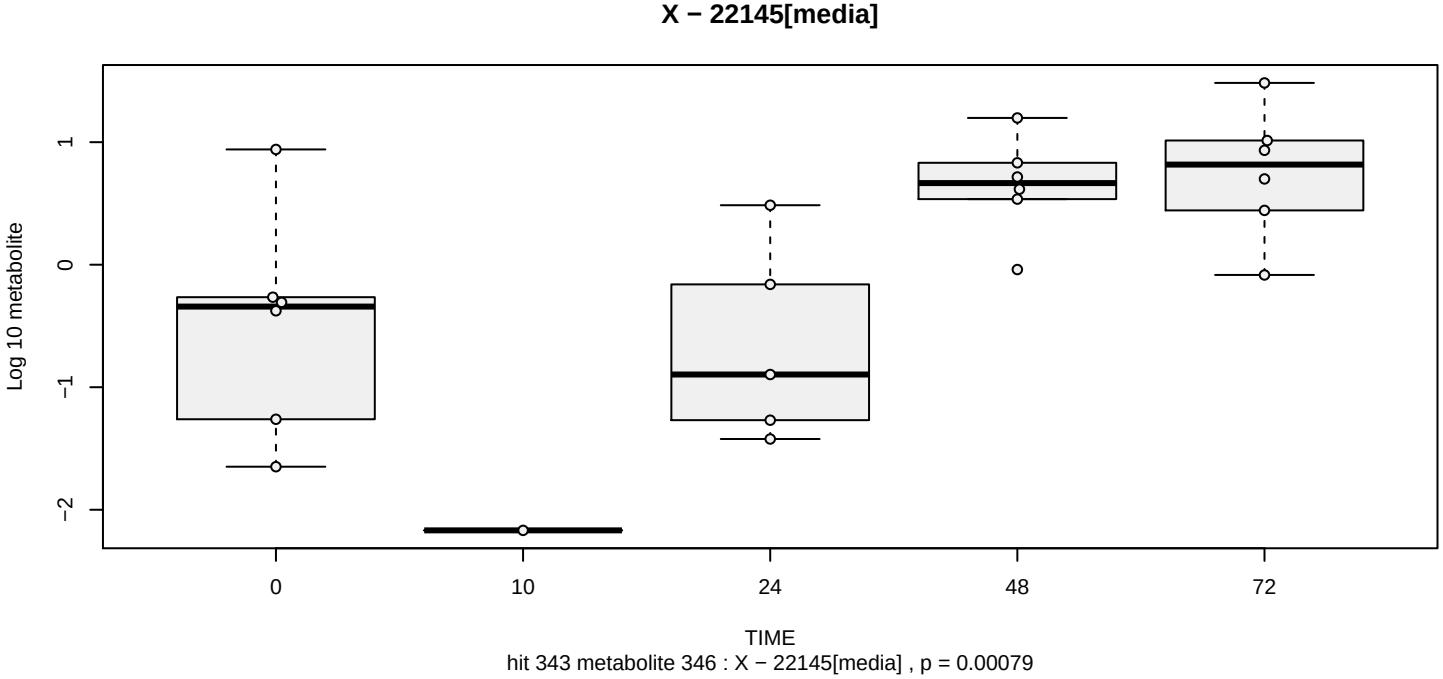
hit 340 metabolite 343 : X − 21365[media] , p = 0.36



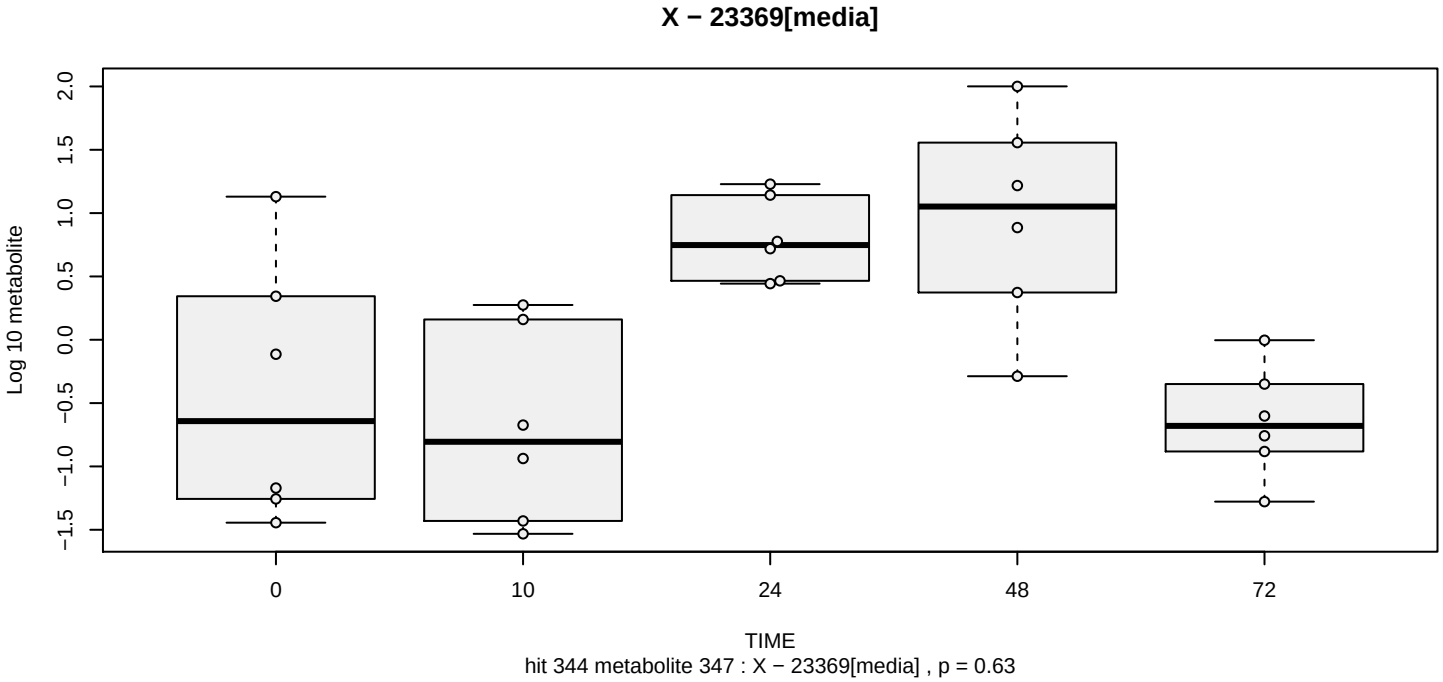
hit 341 metabolite 344 : X − 21444[media] , p = 0.015



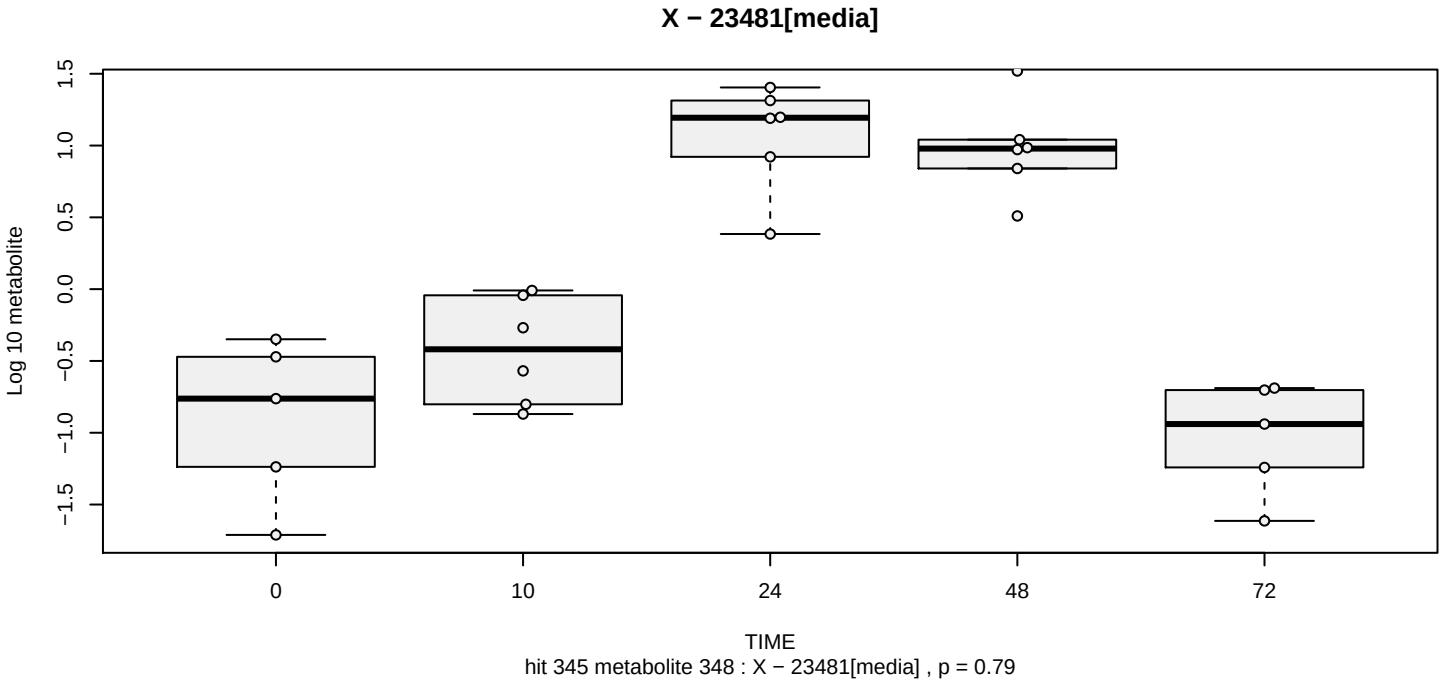
hit 342 metabolite 345 : X − 21796[media] , p = 0.23



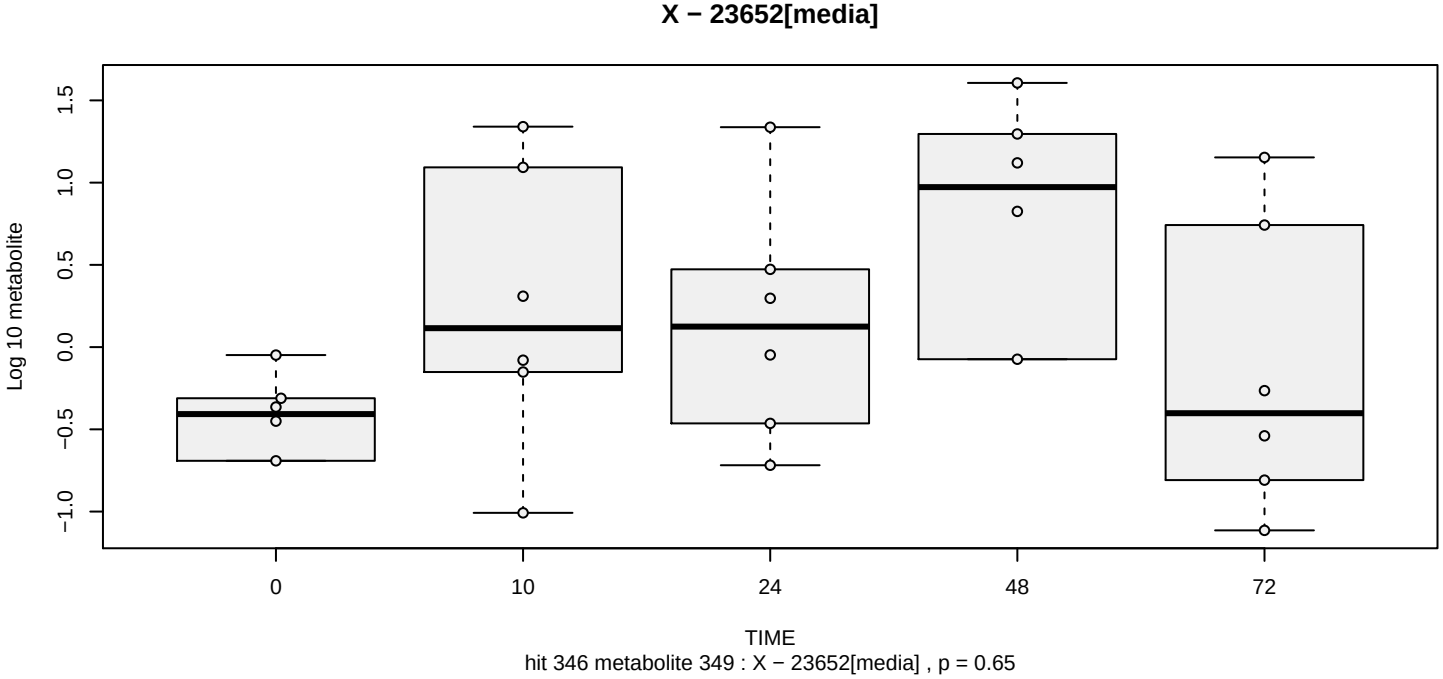
hit 343 metabolite 346 : X − 22145[media] , p = 0.00079



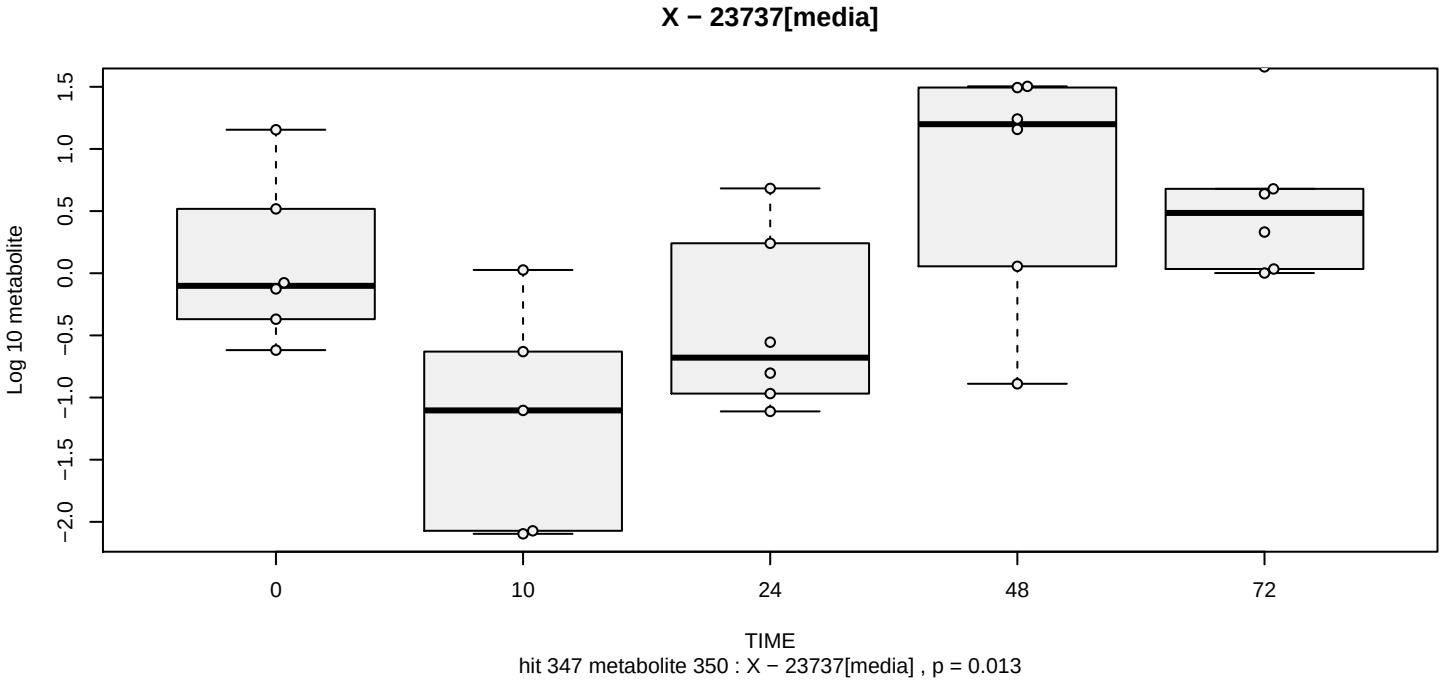
hit 344 metabolite 347 : X − 23369[media] , p = 0.63



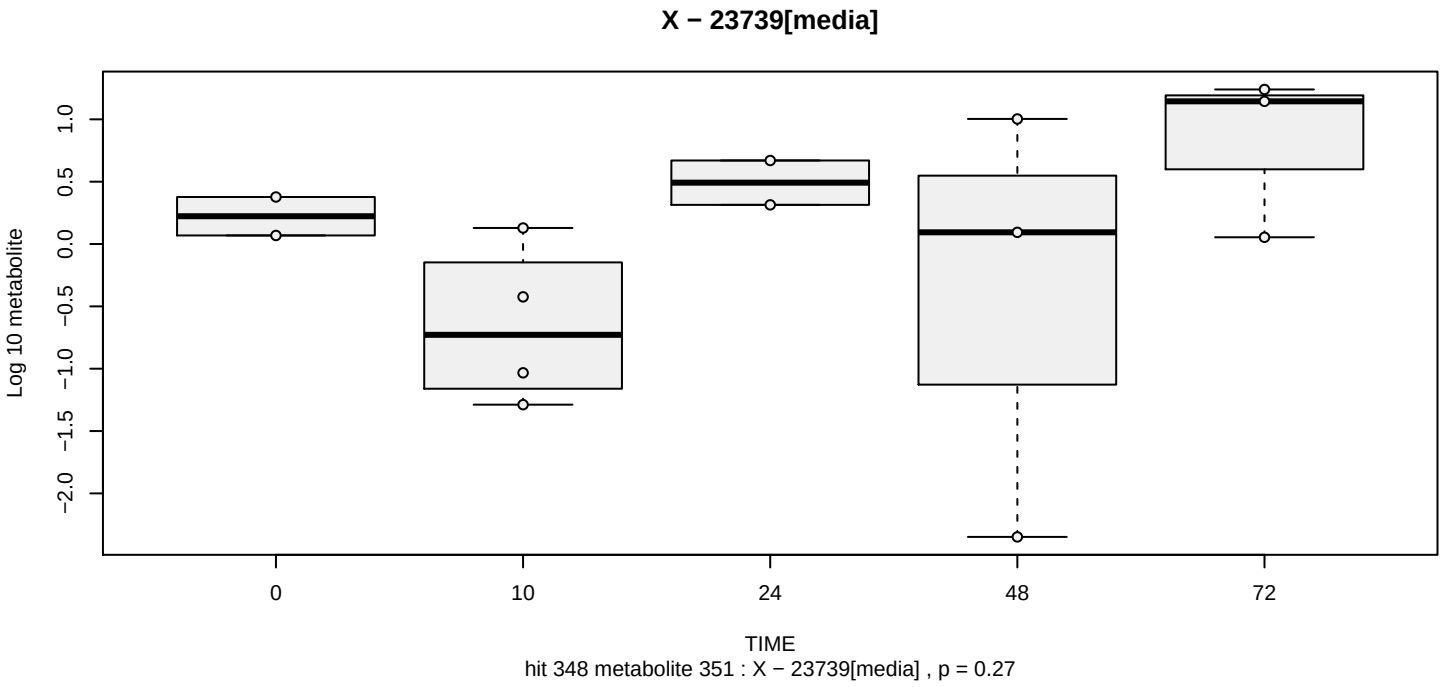
hit 345 metabolite 348 : X − 23481[media] , p = 0.79



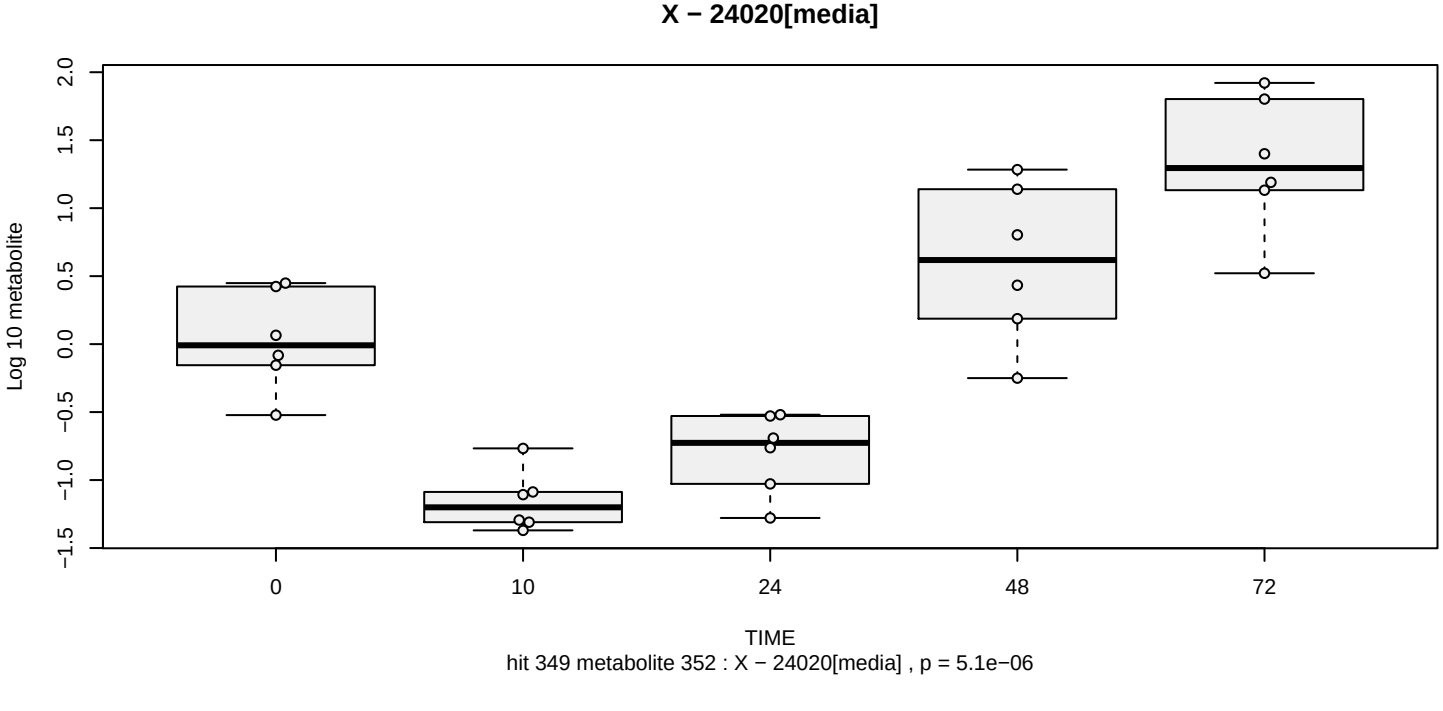
hit 346 metabolite 349 : X − 23652[media] , p = 0.65



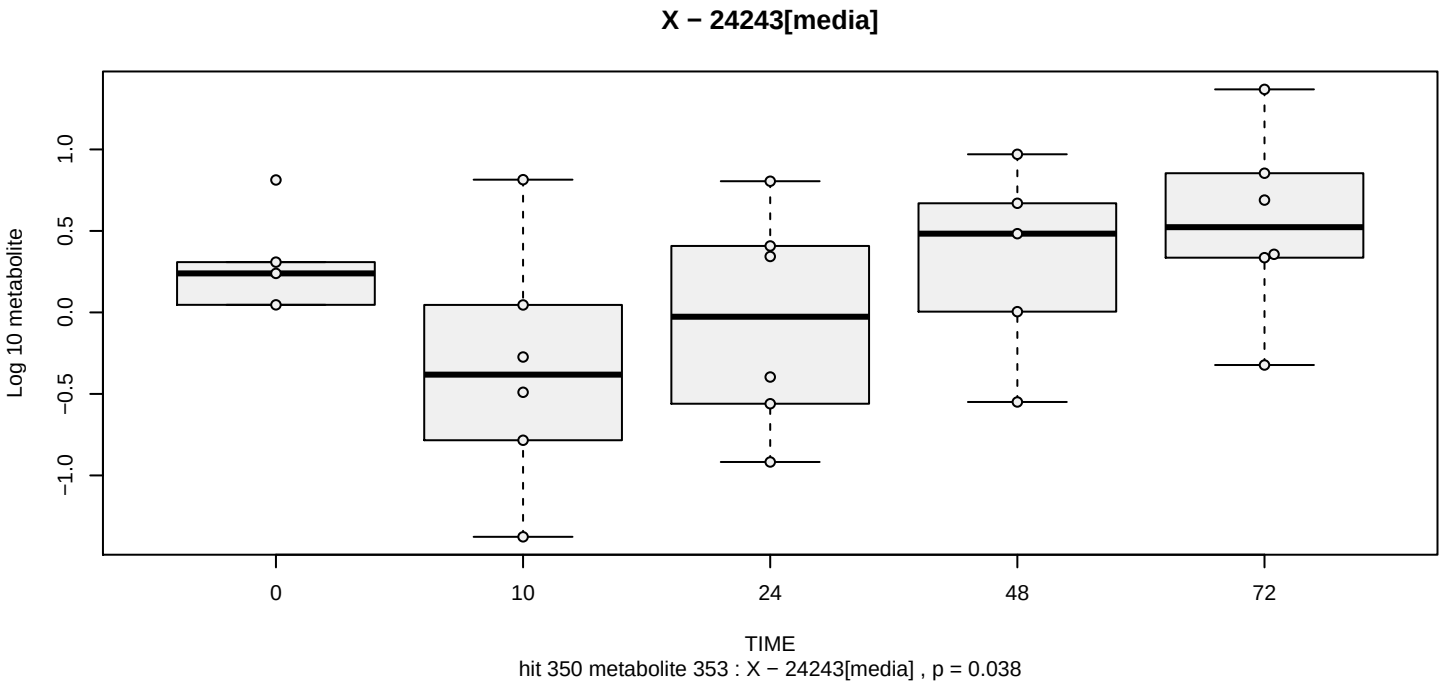
hit 347 metabolite 350 : X − 23737[media] , p = 0.013



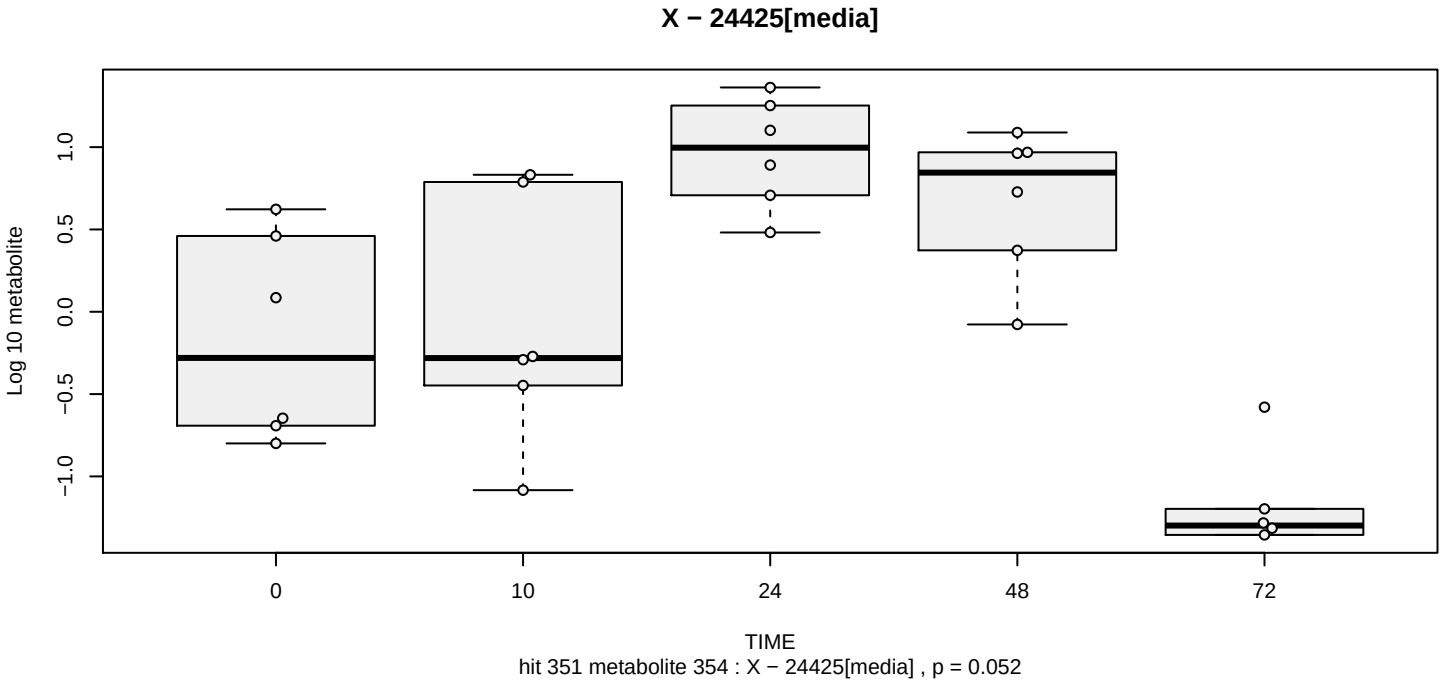
hit 348 metabolite 351 : X − 23739[media] , p = 0.27



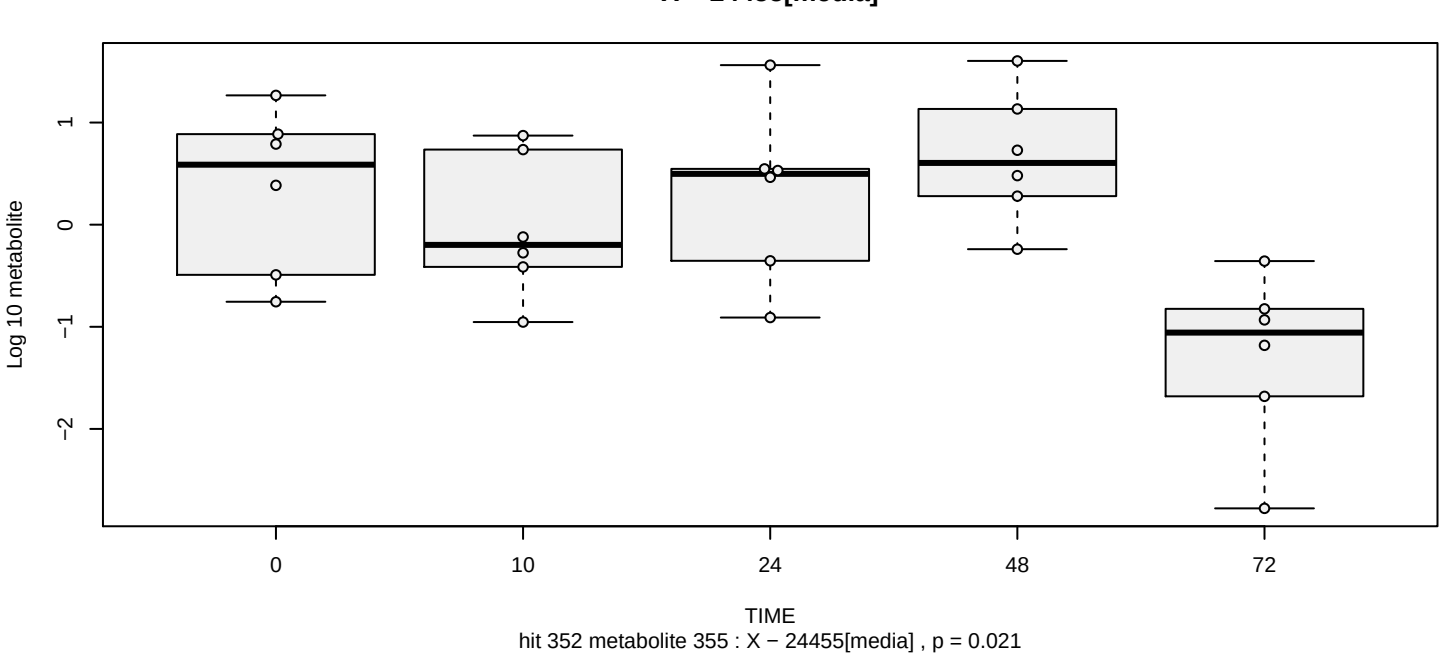
hit 349 metabolite 352 : X − 24020[media] , p = 5.1e−06



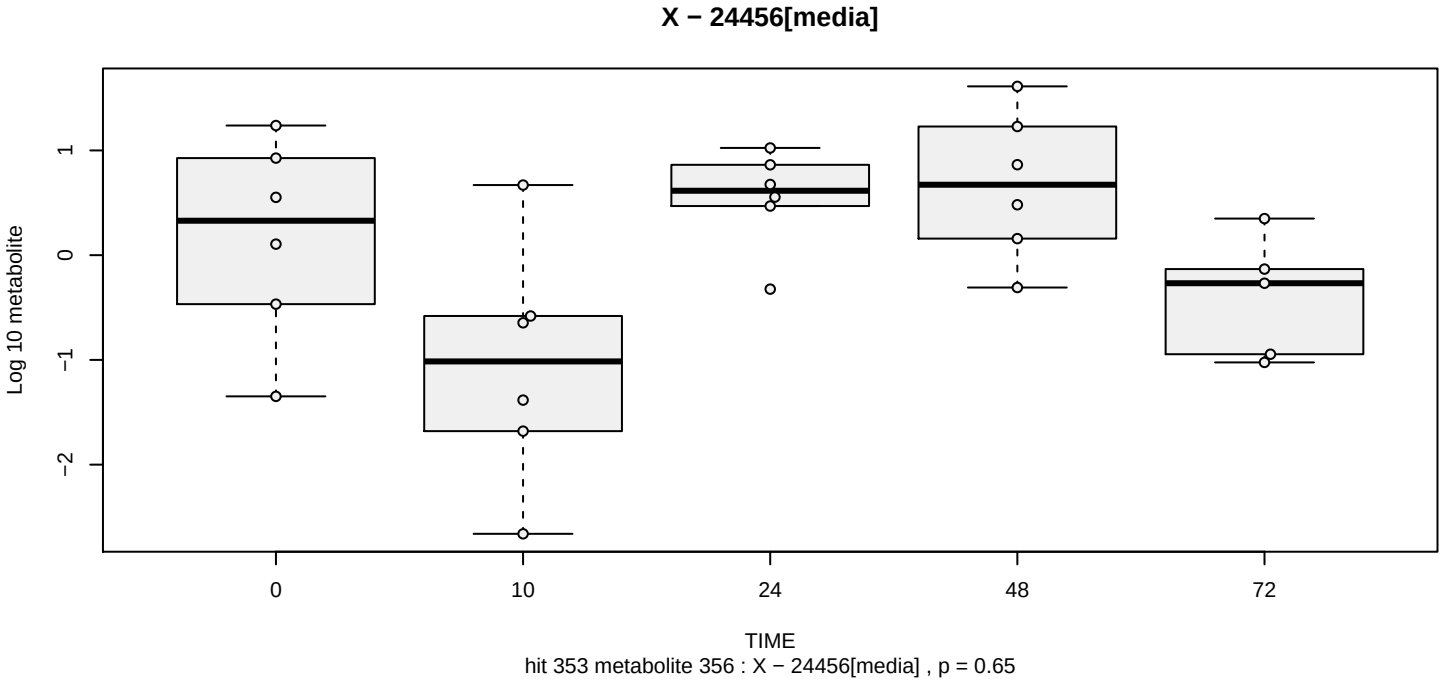
hit 350 metabolite 353 : X − 24243[media] , p = 0.038



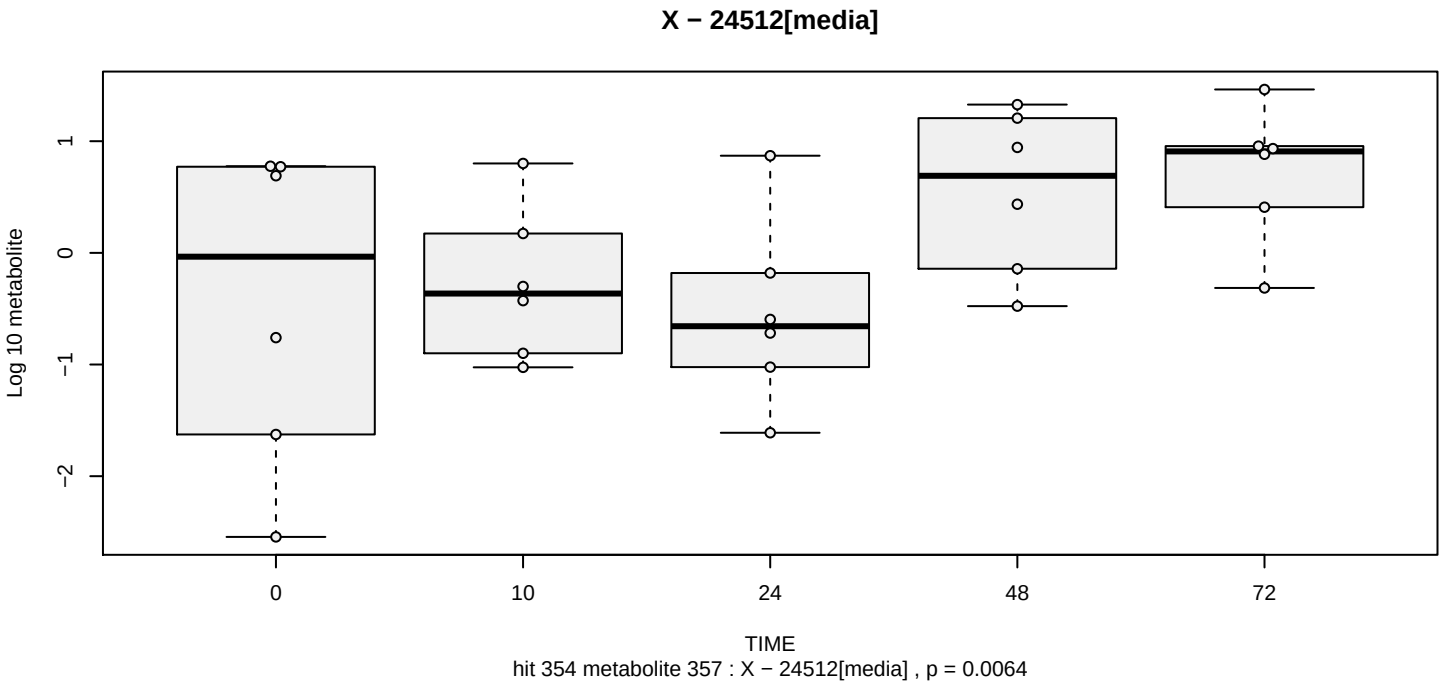
hit 351 metabolite 354 : X − 24425[media] , p = 0.052



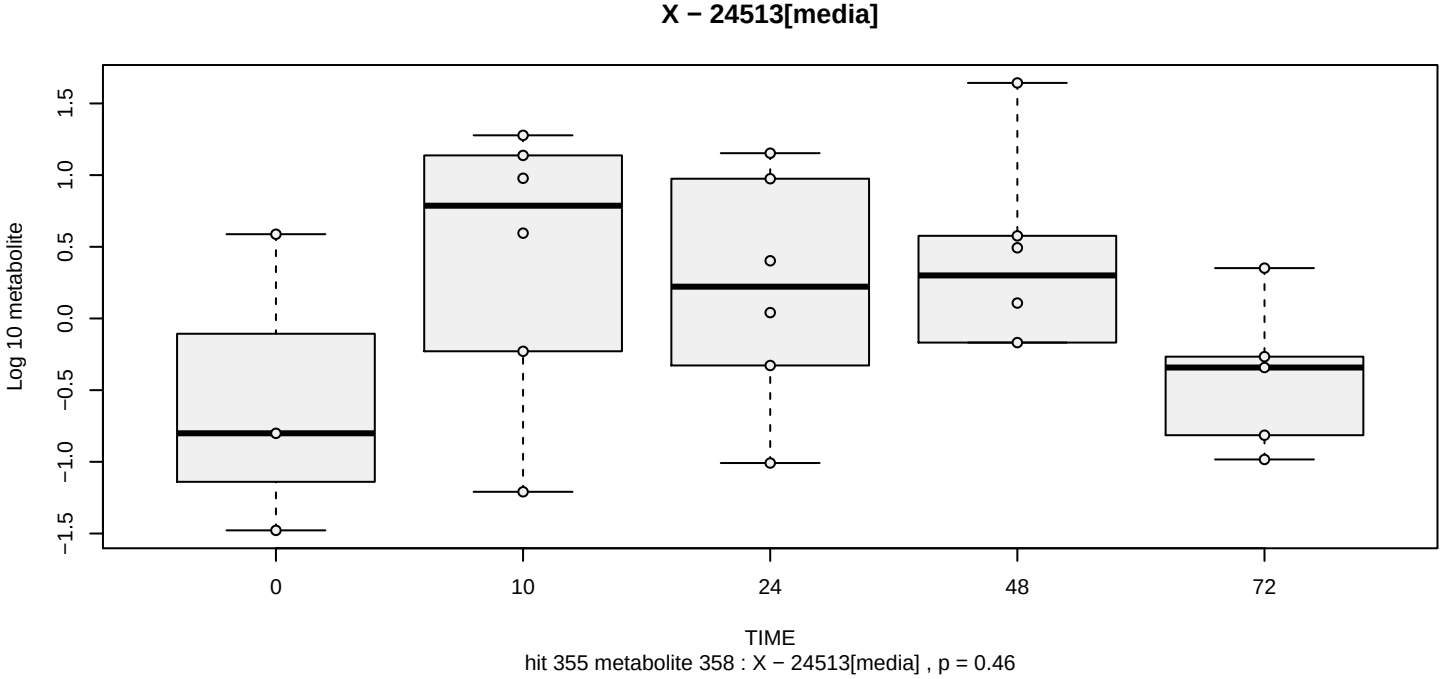
hit 352 metabolite 355 : X − 24455[media] , p = 0.021



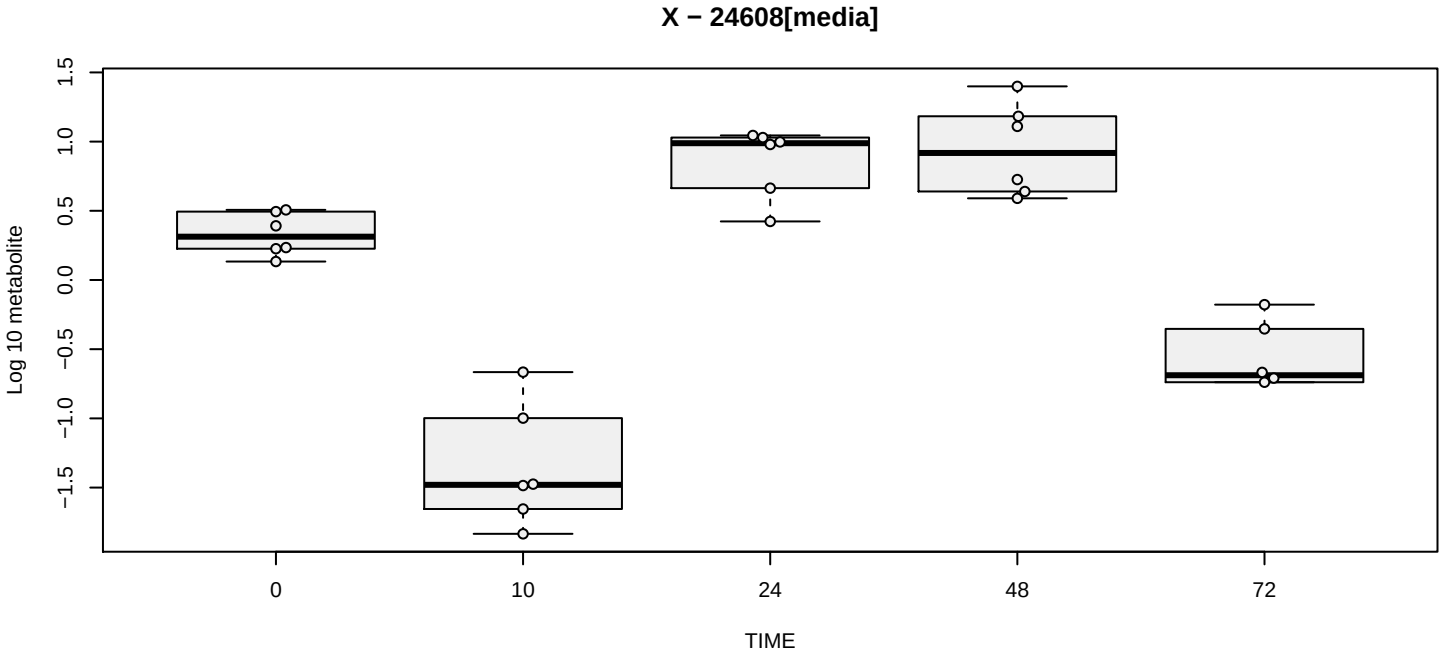
hit 353 metabolite 356 : X − 24456[media] , p = 0.65



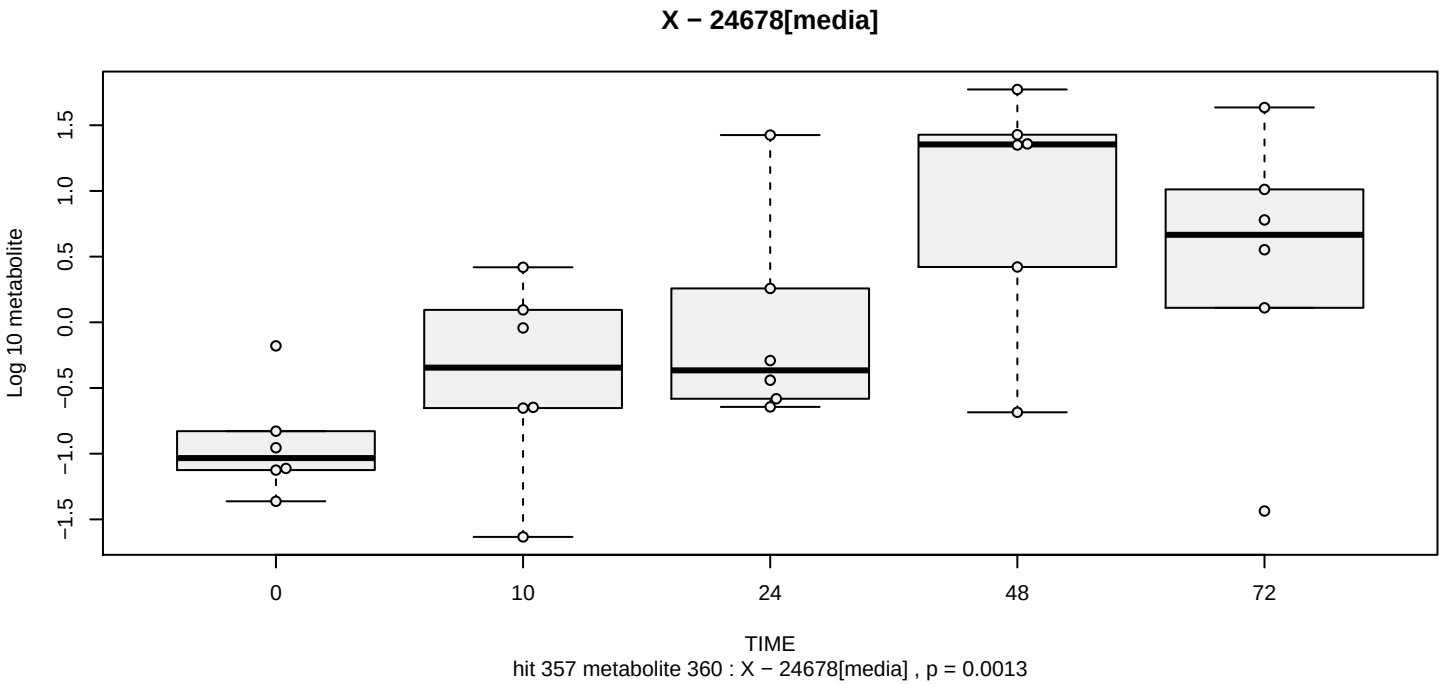
hit 354 metabolite 357 : X − 24512[media] , p = 0.0064



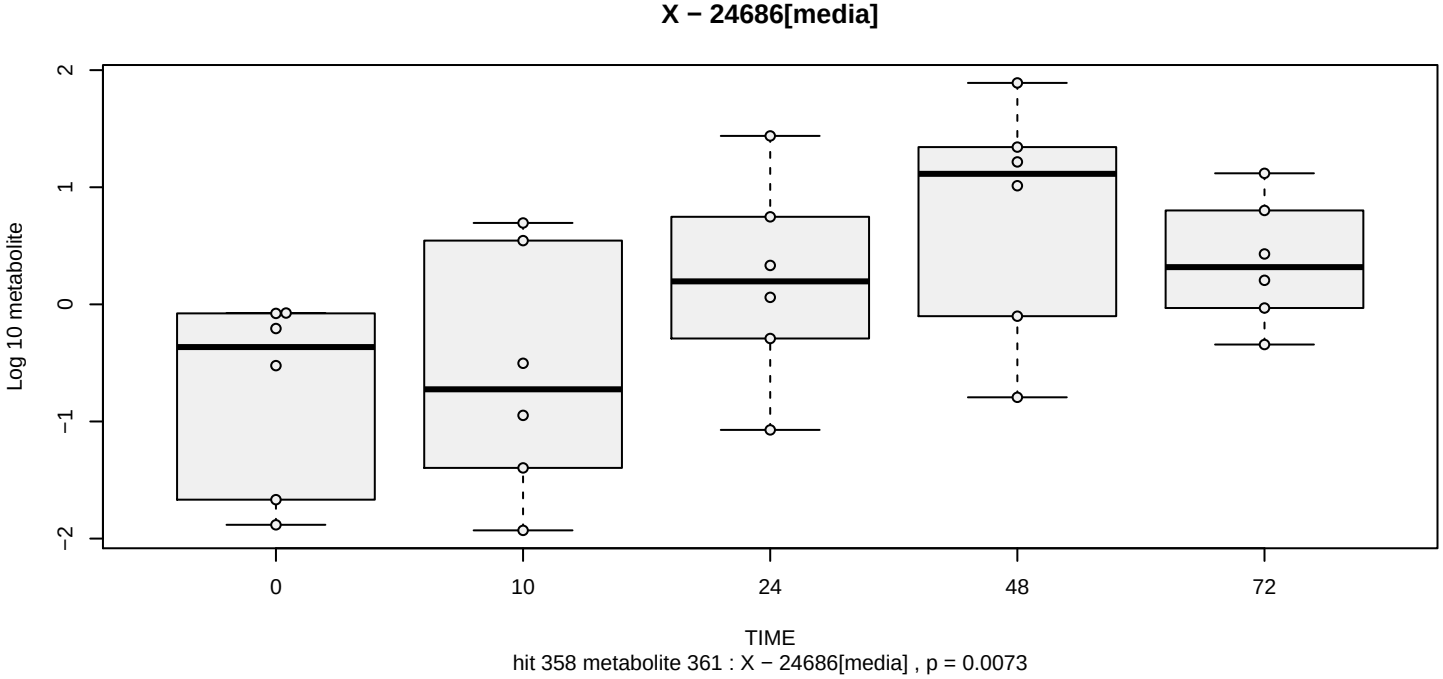
hit 355 metabolite 358 : X − 24513[media] , p = 0.46



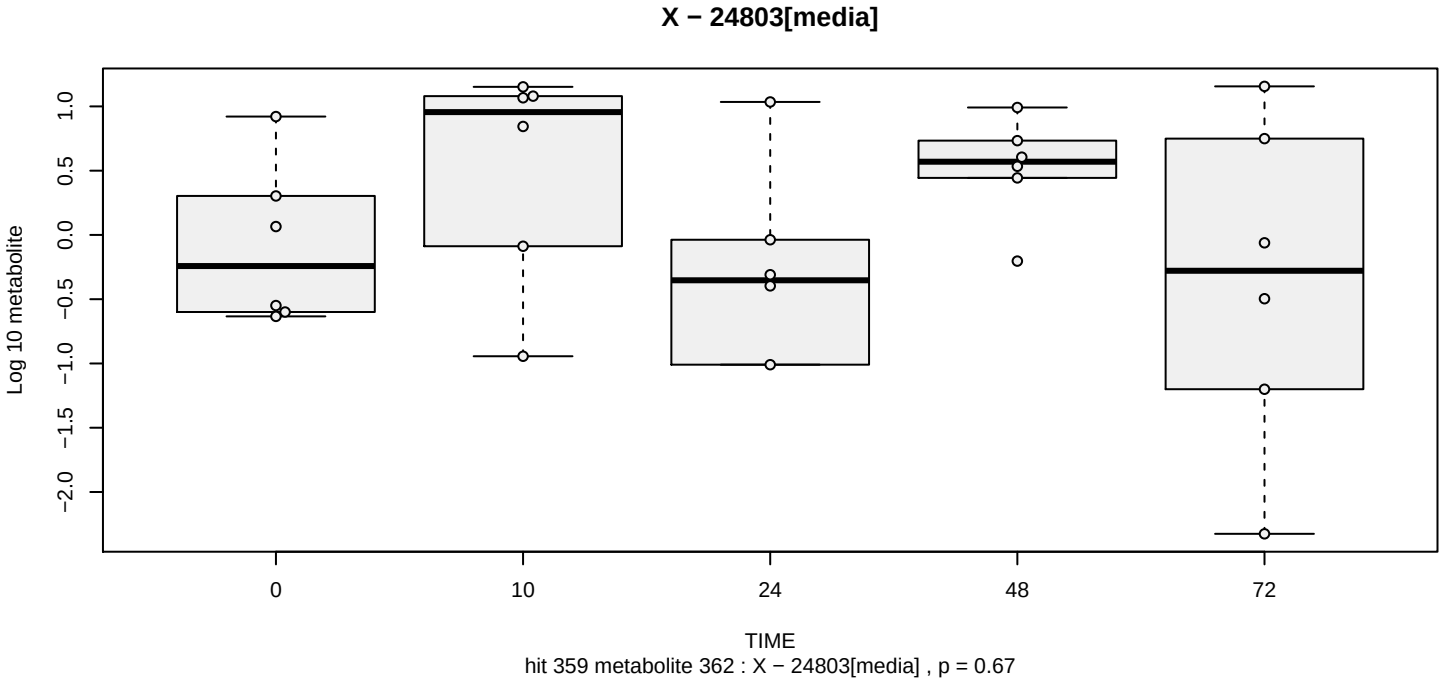
hit 356 metabolite 359 : X − 24608[media] , p = 0.88



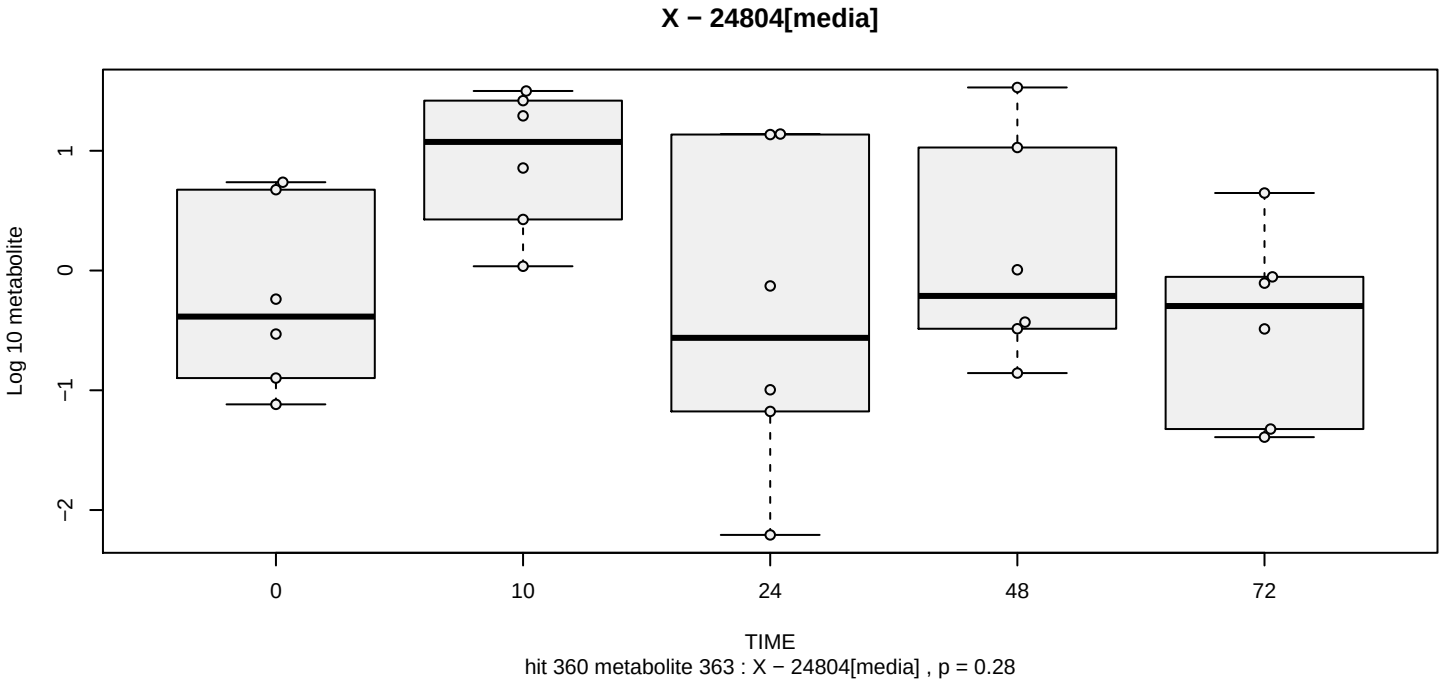
hit 357 metabolite 360 : X − 24678[media] , p = 0.0013



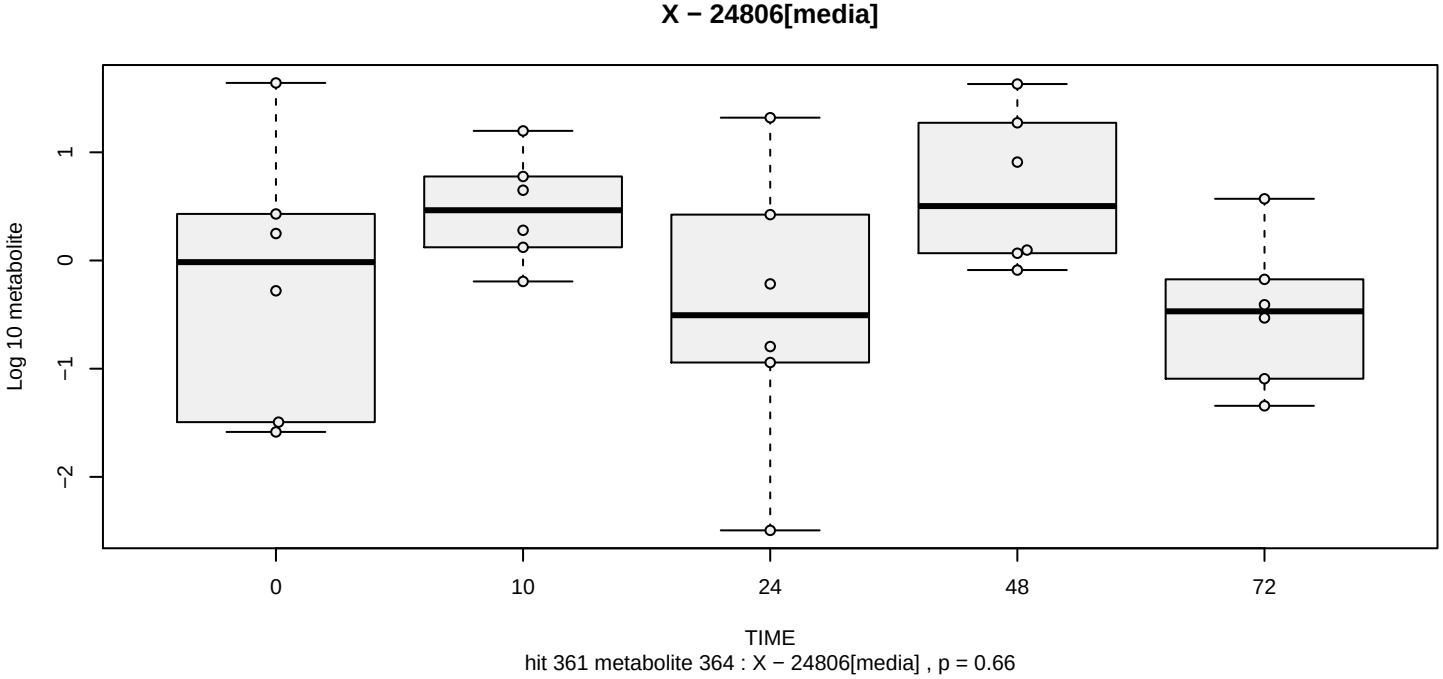
hit 358 metabolite 361 : X − 24686[media] , p = 0.0073



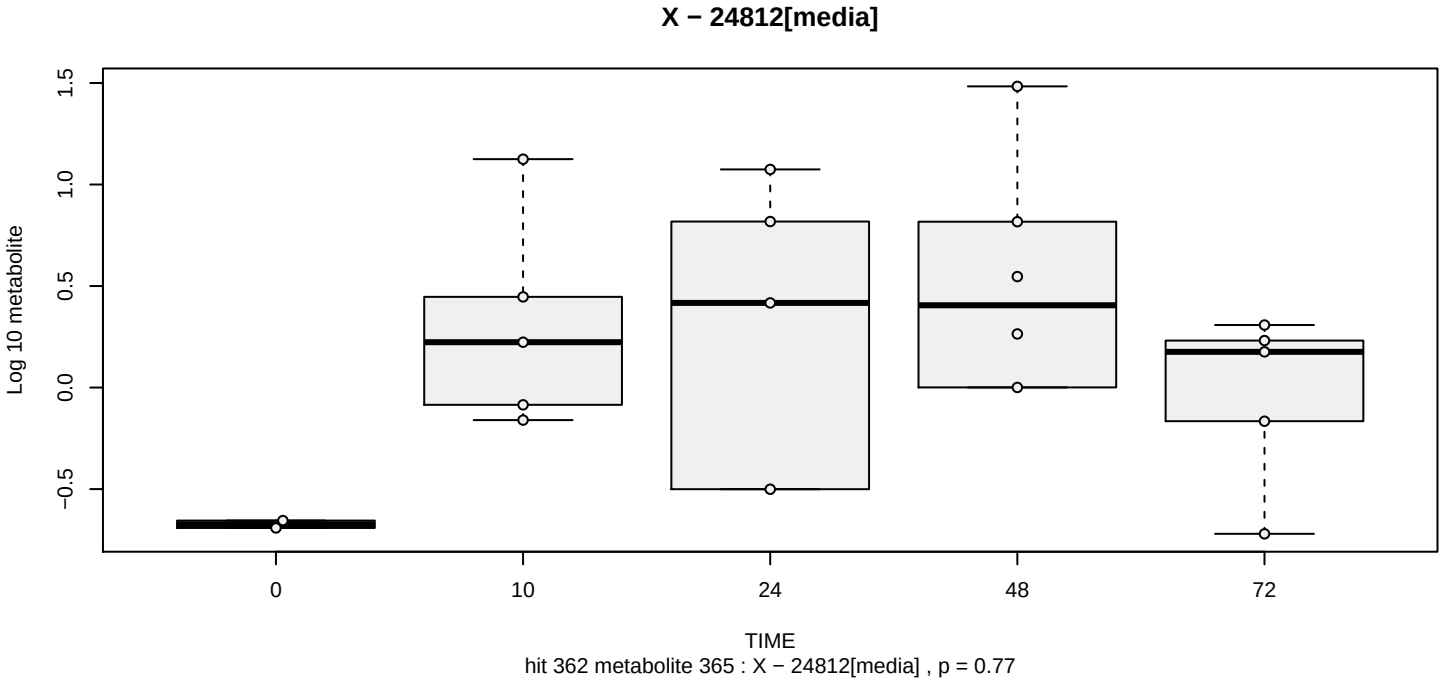
hit 359 metabolite 362 : X − 24803[media] , p = 0.67



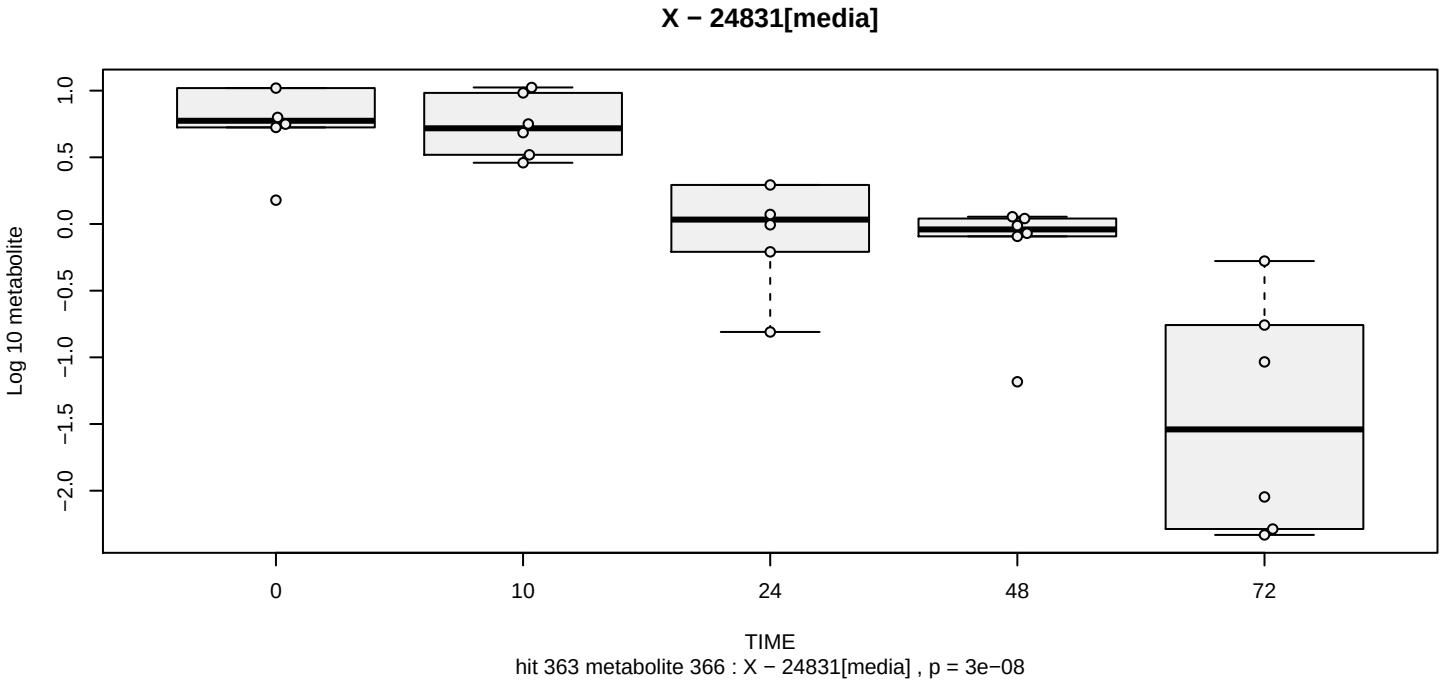
hit 360 metabolite 363 : X − 24804[media] , p = 0.28



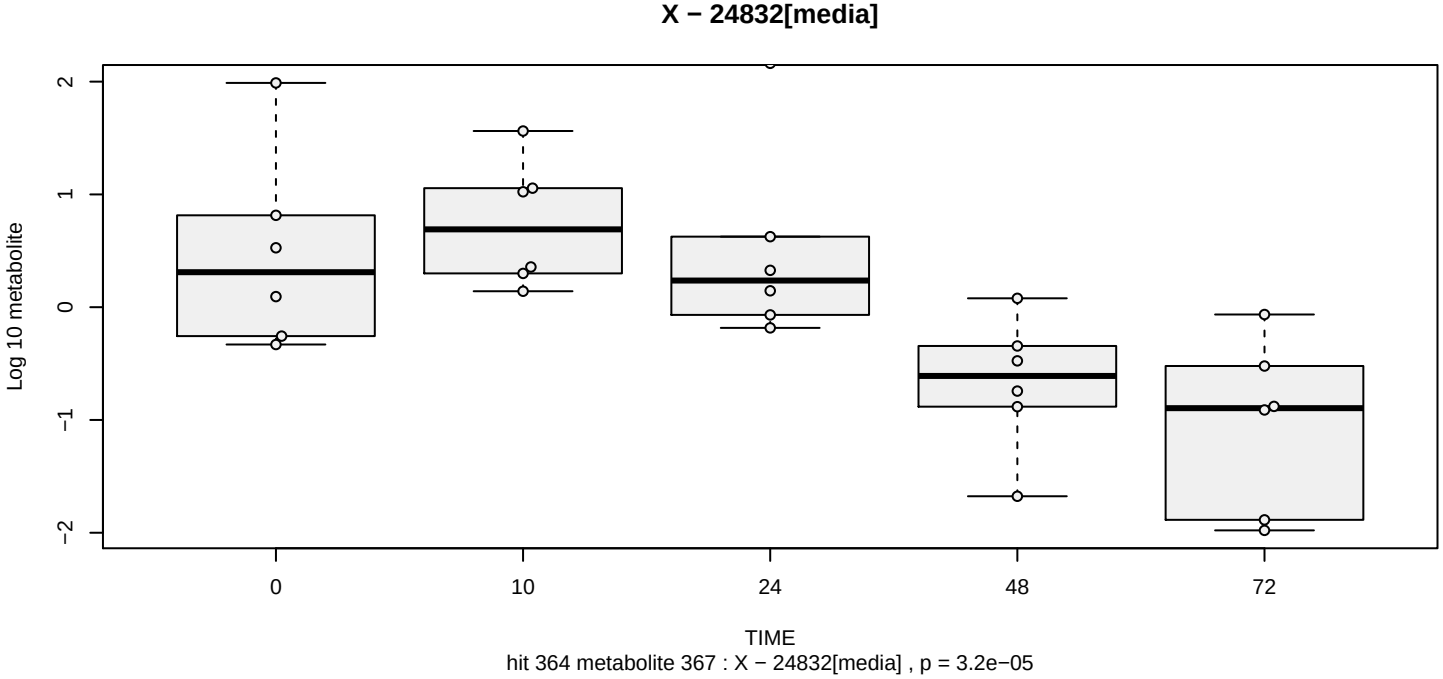
hit 361 metabolite 364 : X − 24806[media] , p = 0.66



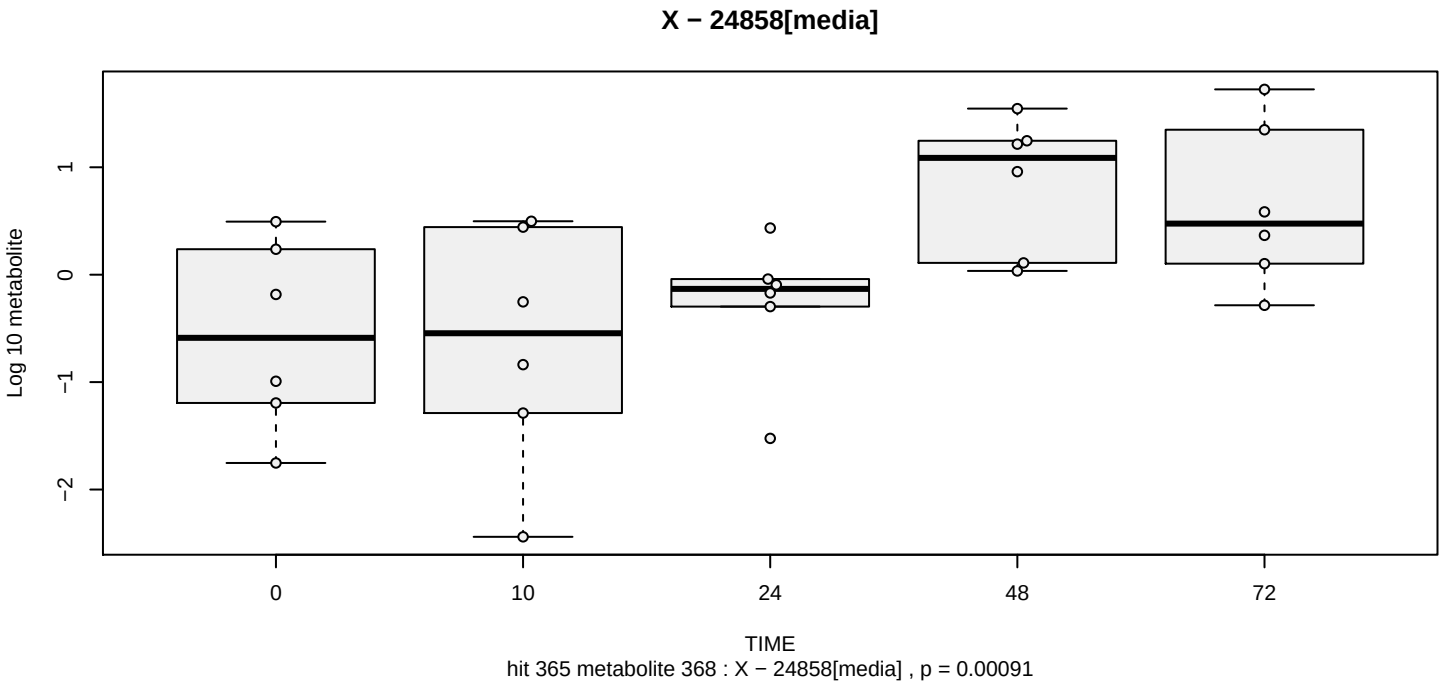
hit 362 metabolite 365 : X − 24812[media] , p = 0.77



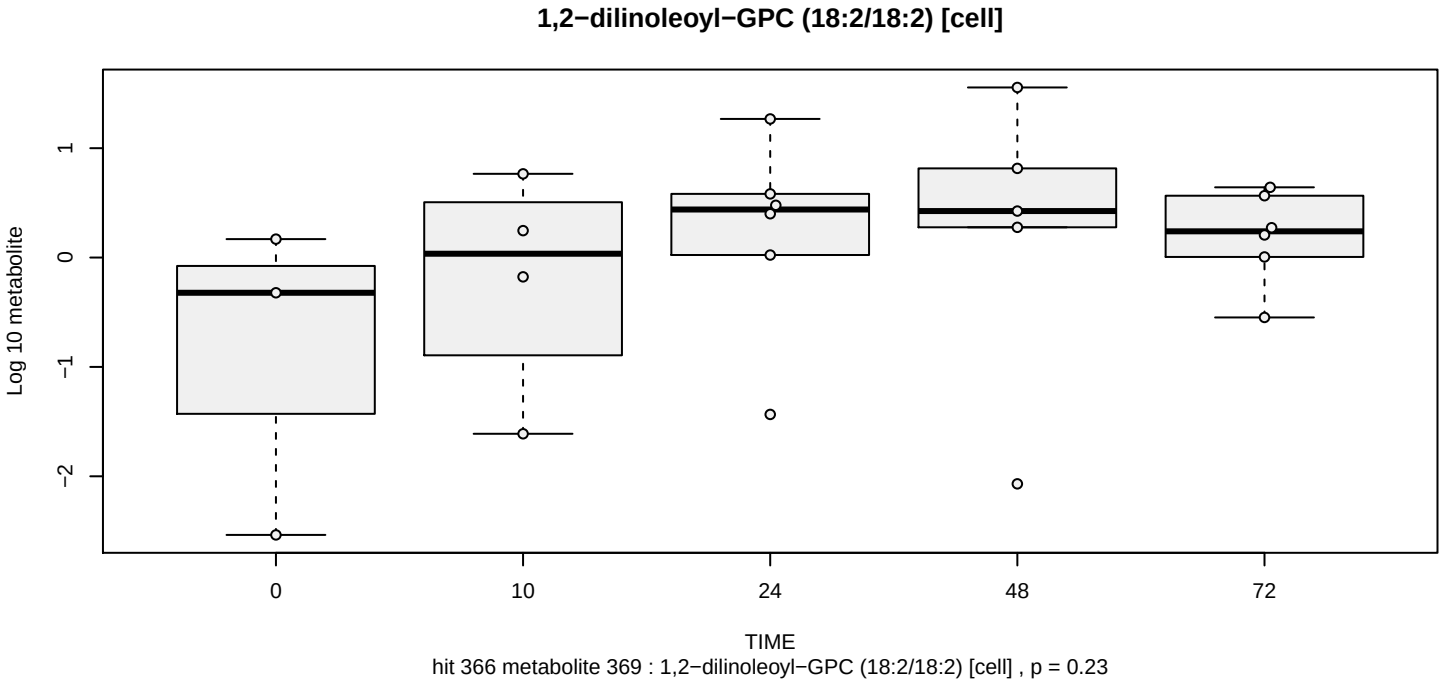
hit 363 metabolite 366 : X − 24831[media] , p = 3e−08



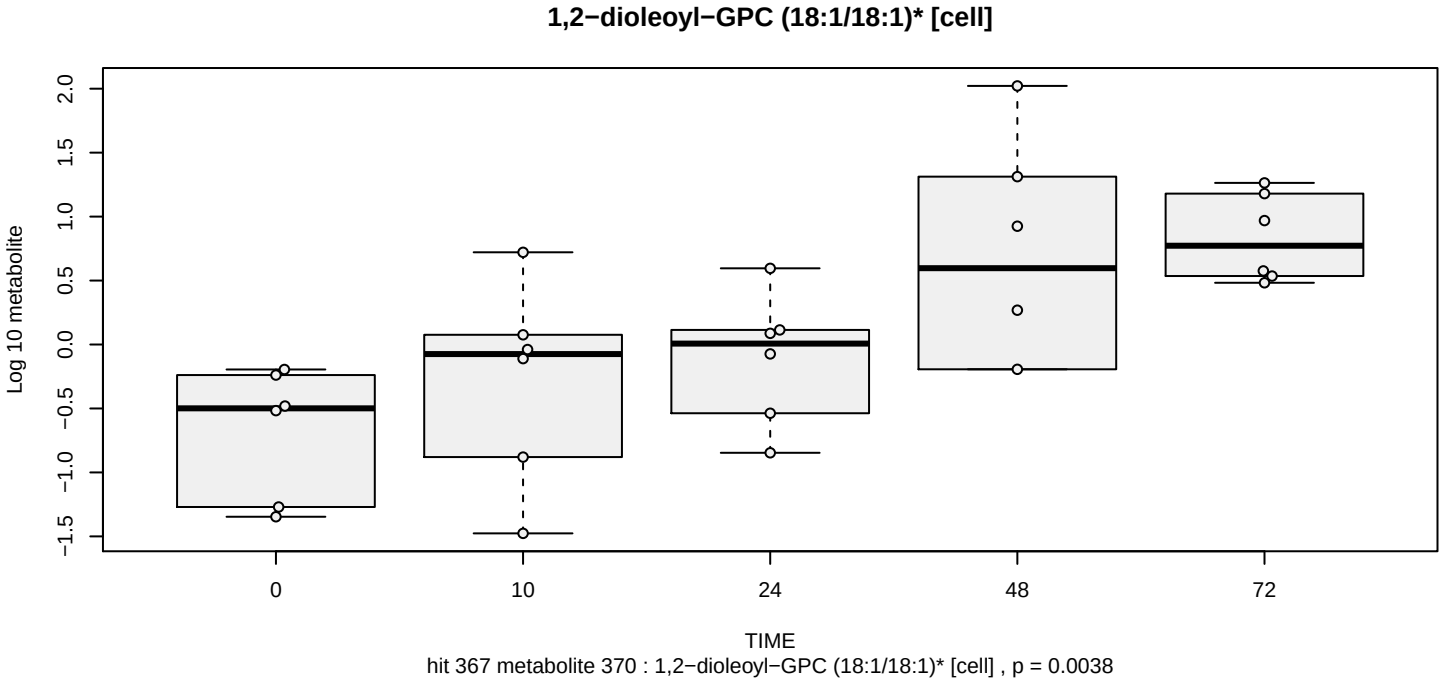
hit 364 metabolite 367 : X − 24832[media] , p = 3.2e−05



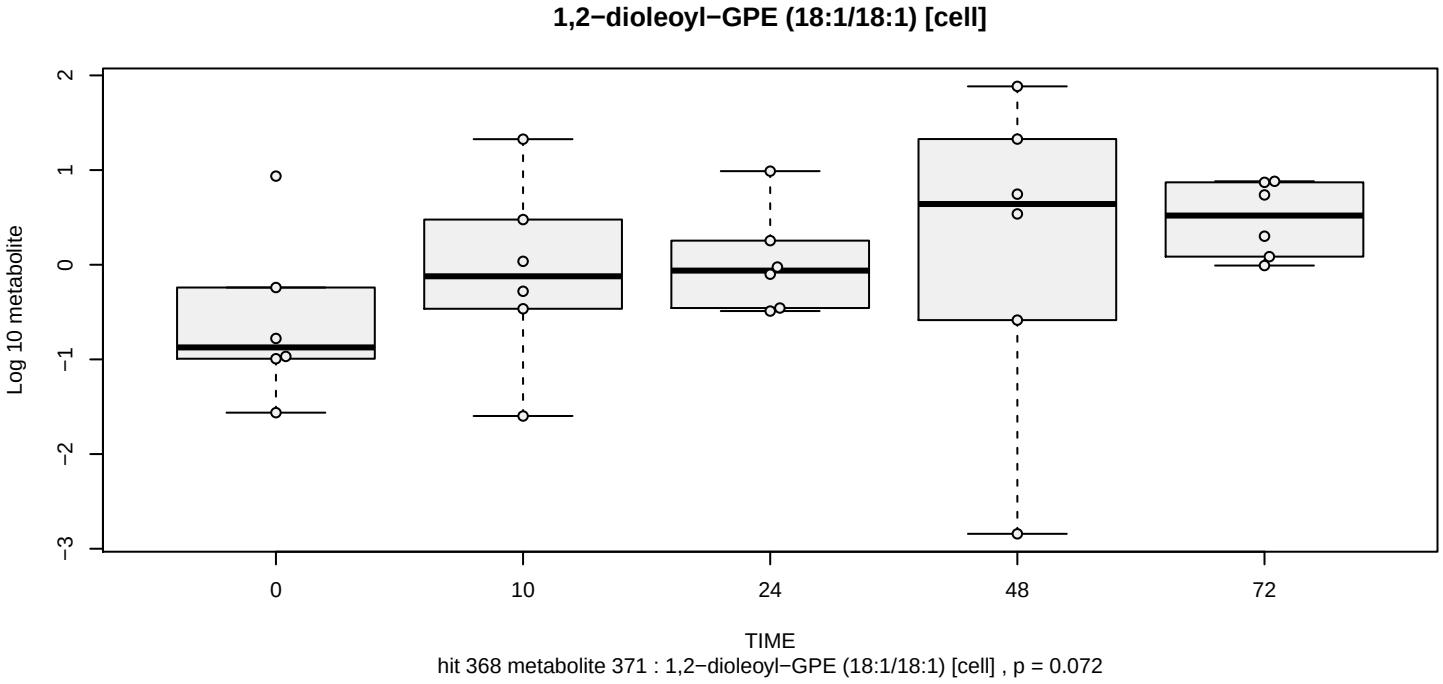
hit 365 metabolite 368 : X − 24858[media] , p = 0.00091



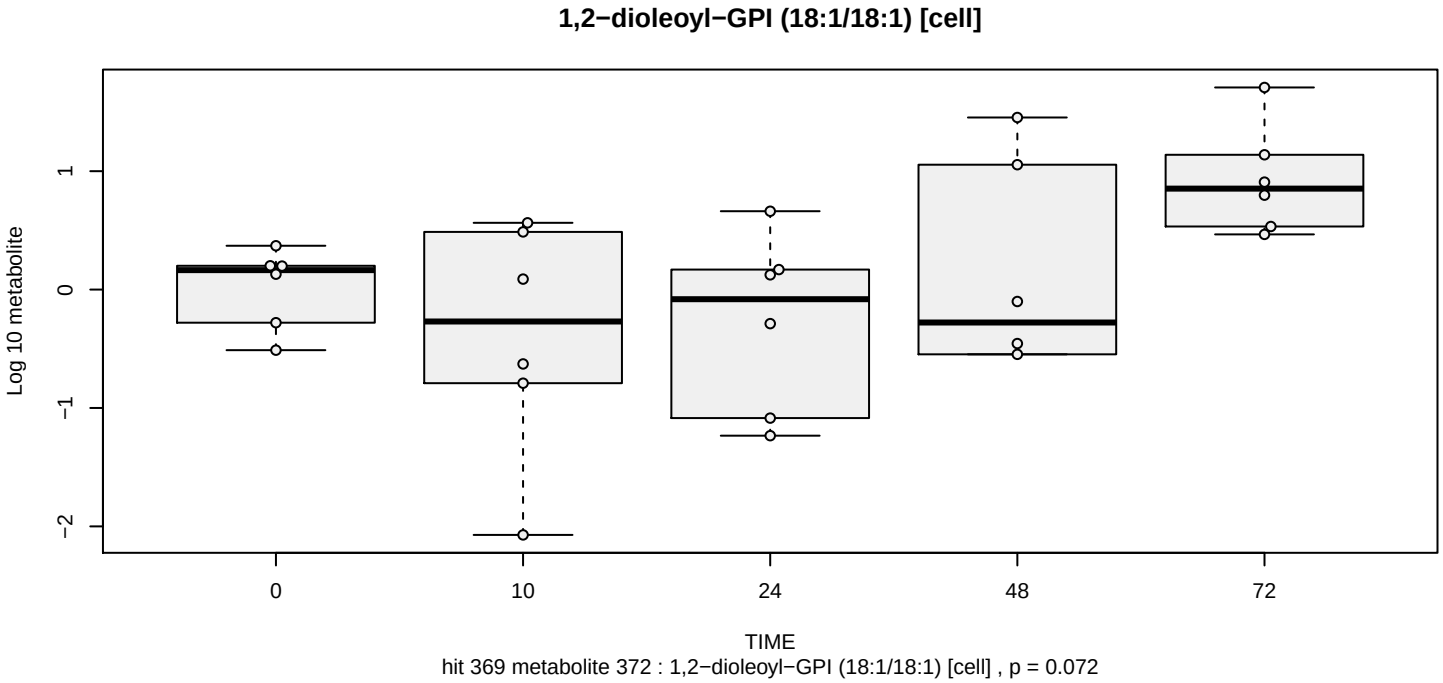
hit 366 metabolite 369 : 1,2−dilinoleoyl−GPC (18:2/18:2) [cell] , p = 0.23



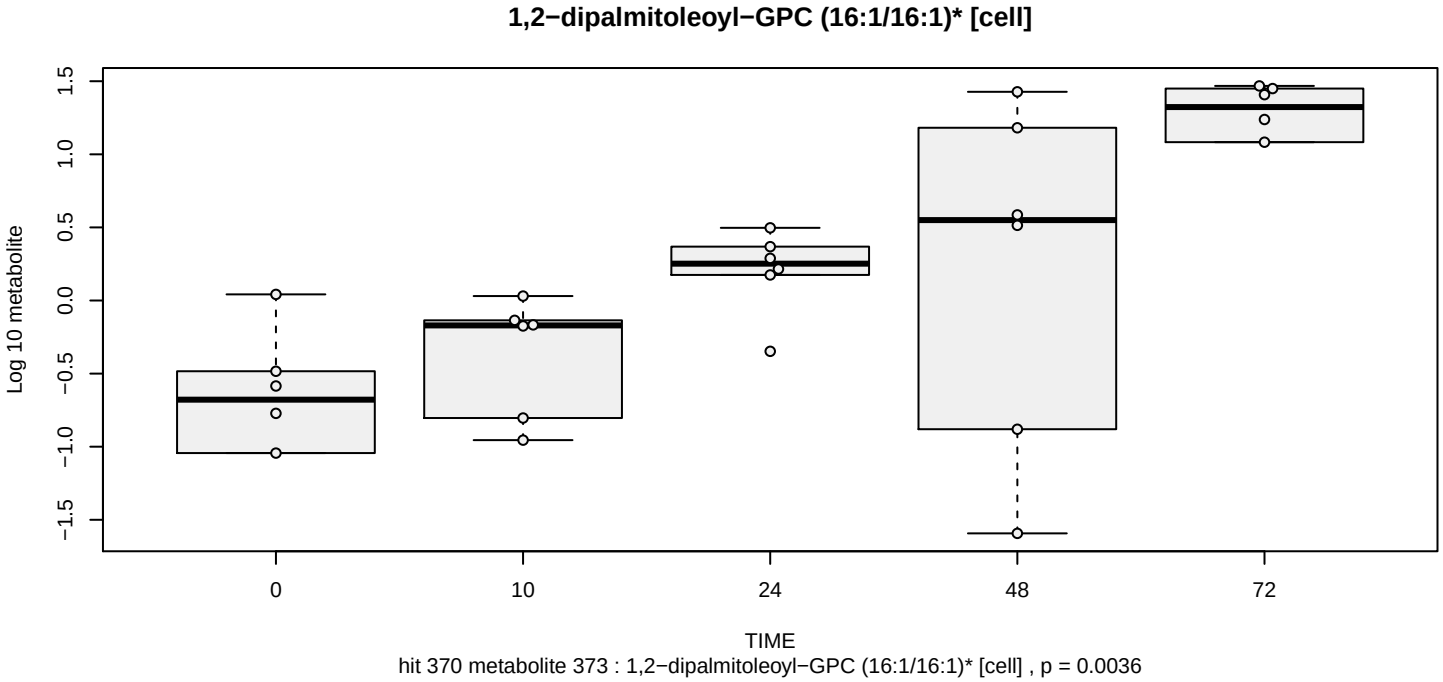
hit 367 metabolite 370 : 1,2−dioleoyl−GPC (18:1/18:1)* [cell] , p = 0.0038



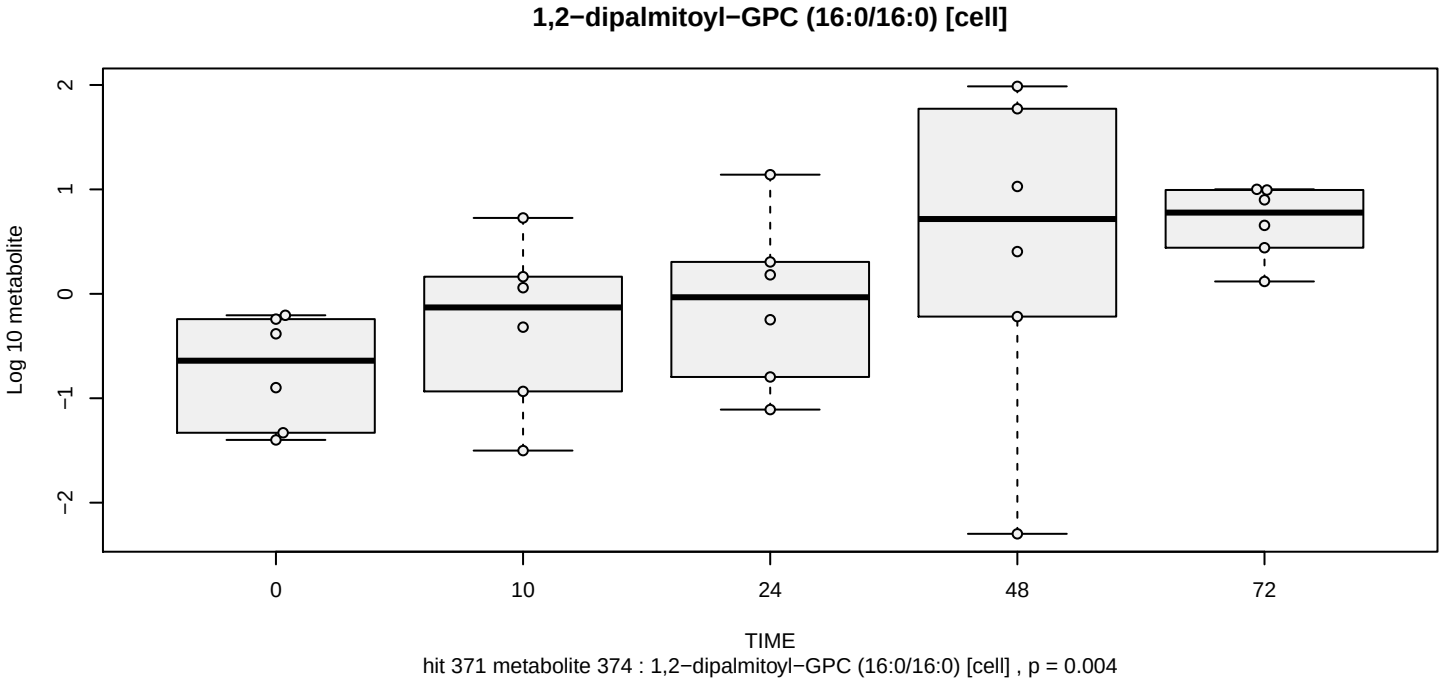
hit 368 metabolite 371 : 1,2−dioleoyl−GPE (18:1/18:1) [cell] , p = 0.072



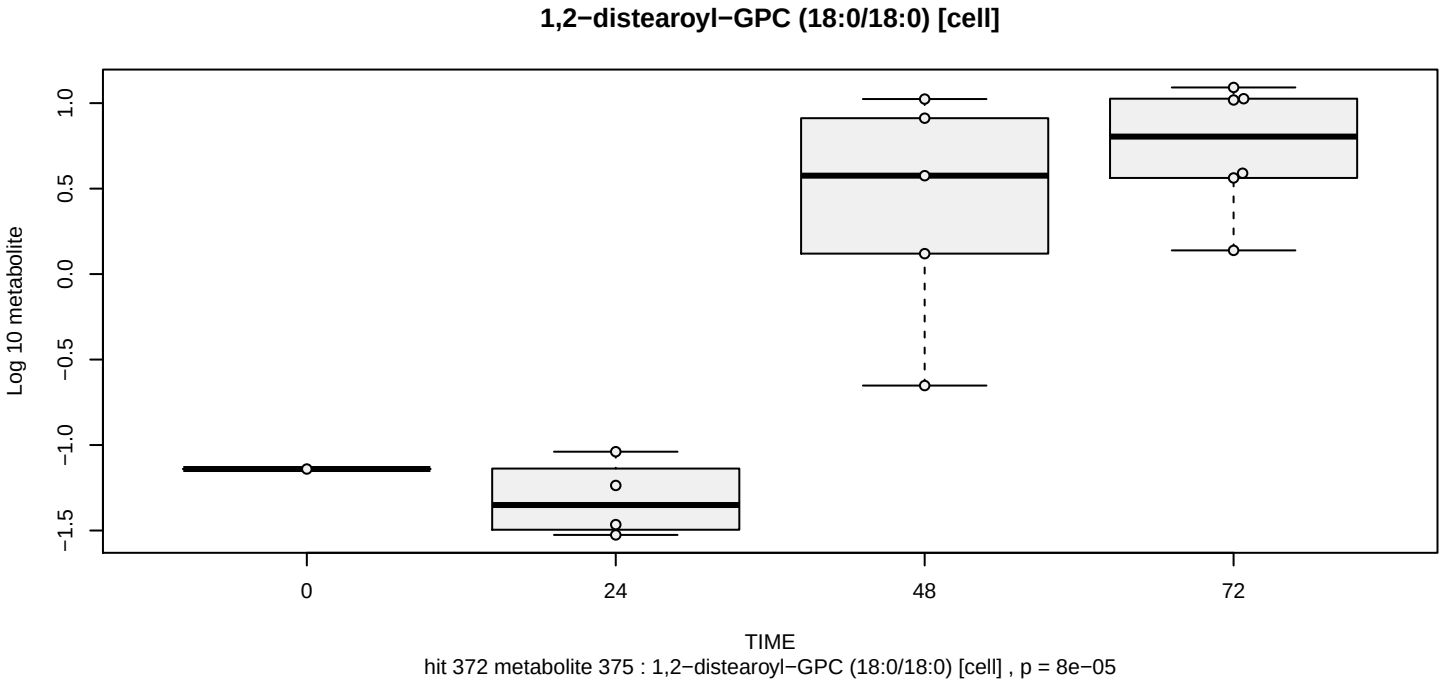
hit 369 metabolite 372 : 1,2−dioleoyl−GPI (18:1/18:1) [cell] , p = 0.072



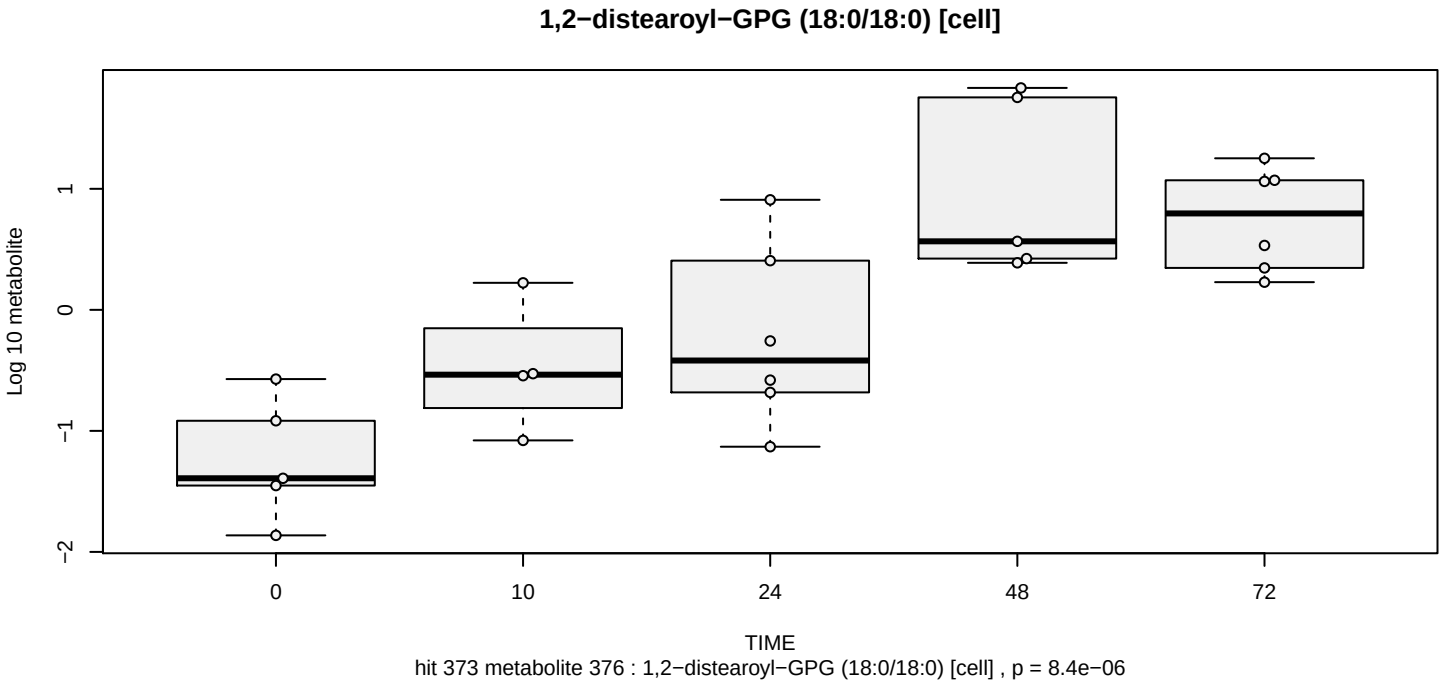
hit 370 metabolite 373 : 1,2−dipalmitoleoyl−GPC (16:1/16:1)* [cell] , p = 0.0036



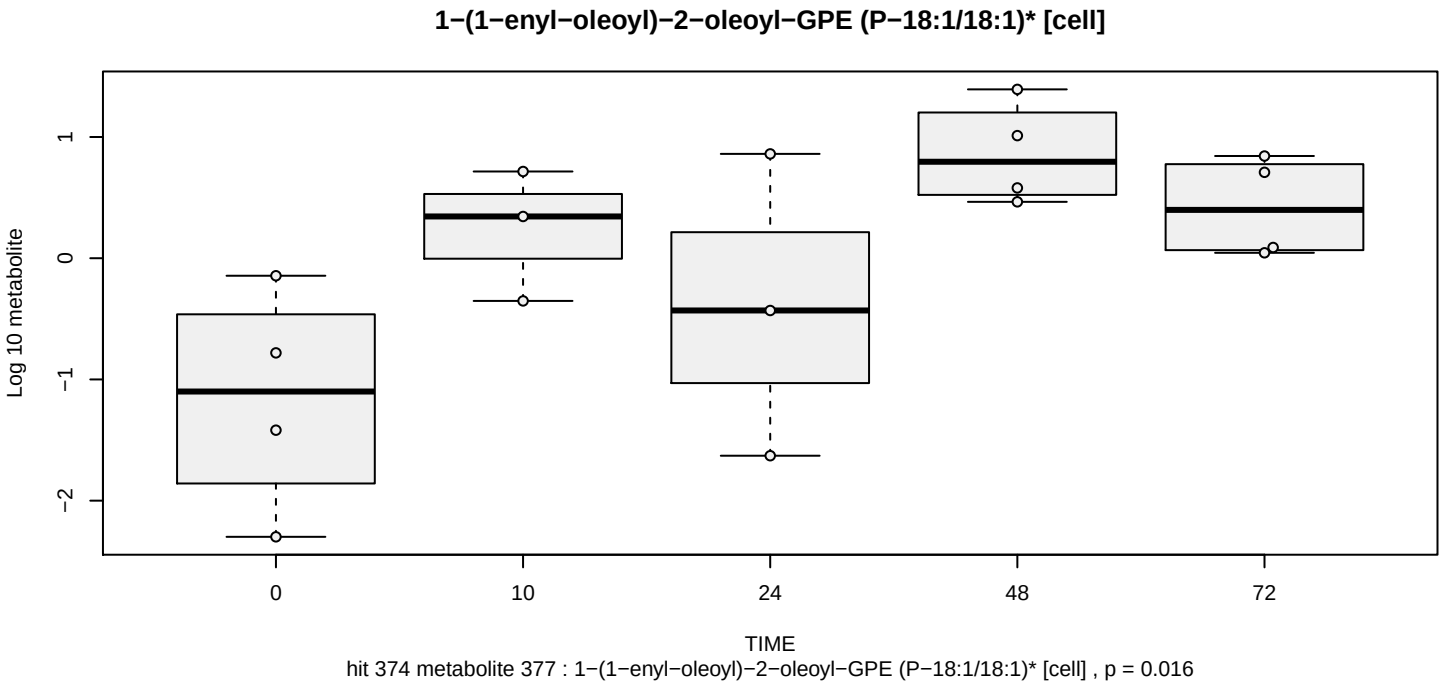
hit 371 metabolite 374 : 1,2−dipalmitoyl−GPC (16:0/16:0) [cell] , p = 0.004



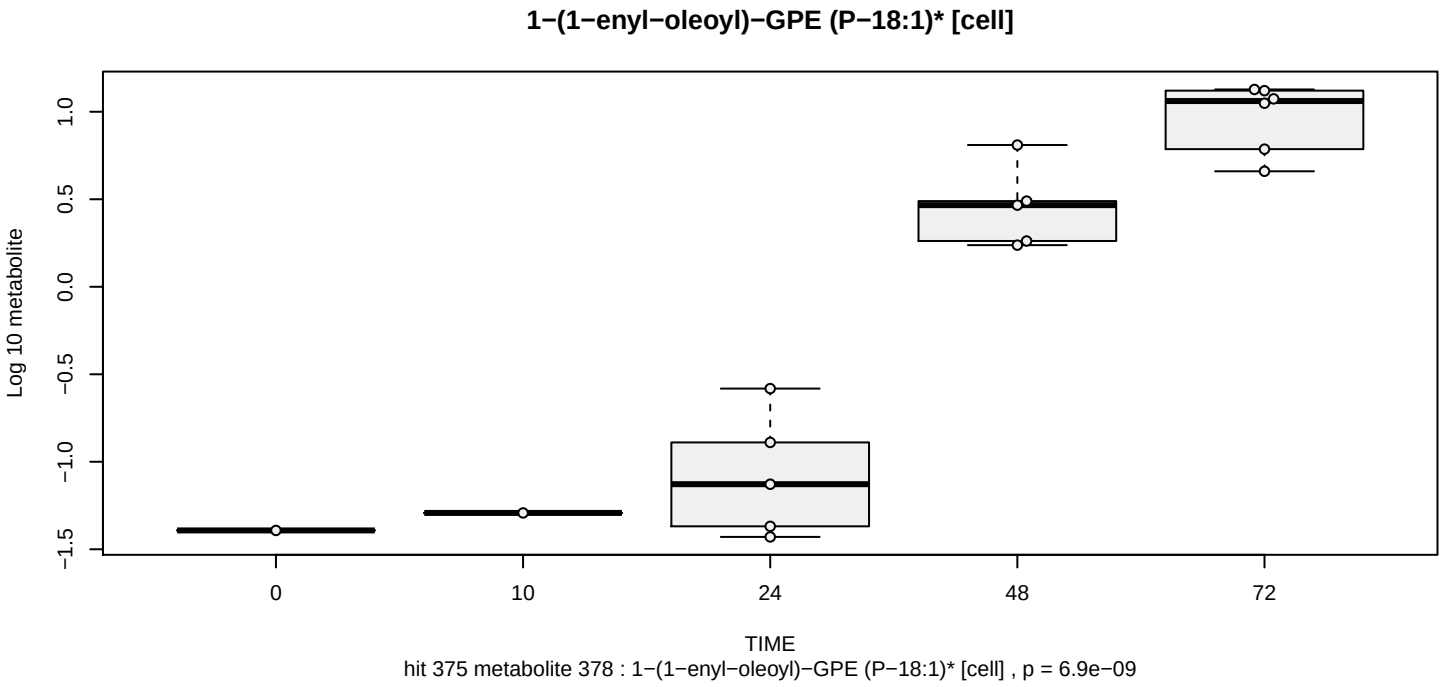
hit 372 metabolite 375 : 1,2−distearoyl−GPC (18:0/18:0) [cell] , p = 8e−05



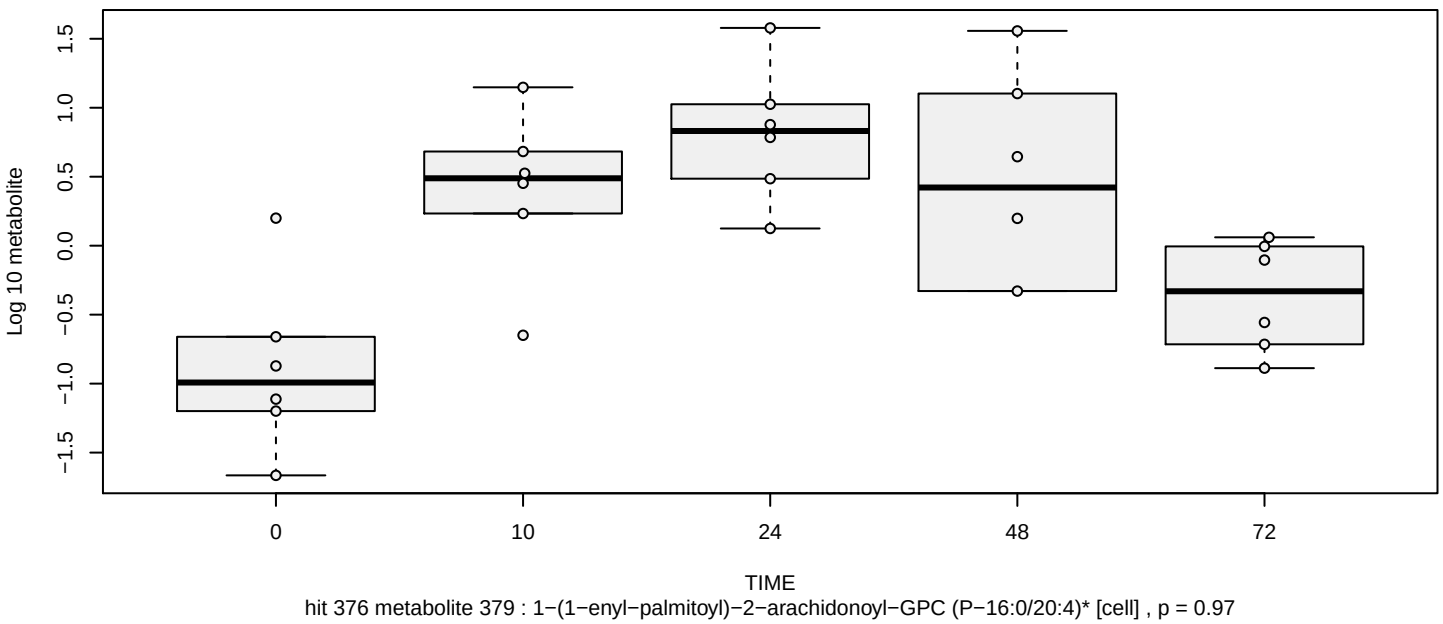
hit 373 metabolite 376 : 1,2−distearoyl−GPG (18:0/18:0) [cell] , p = 8.4e−06



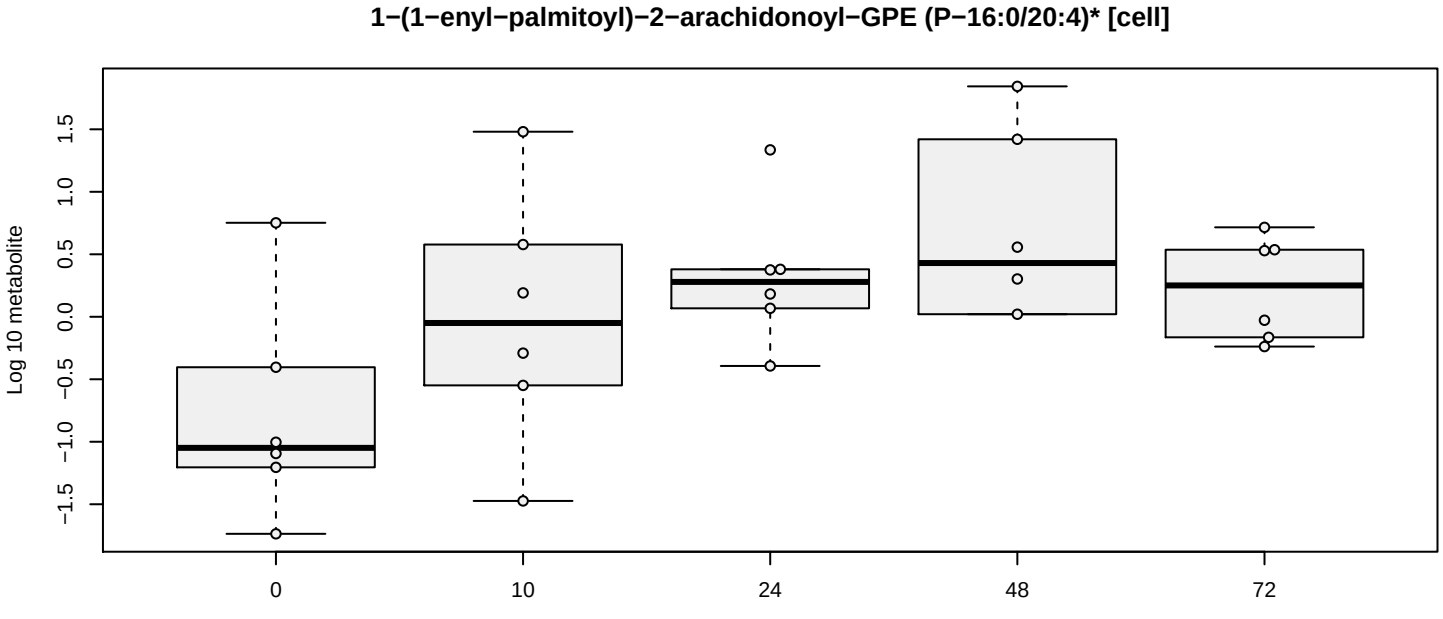
hit 374 metabolite 377 : 1−(1−enyl−oleoyl)−2−oleoyl−GPE (P−18:1/18:1)* [cell] , p = 0.016



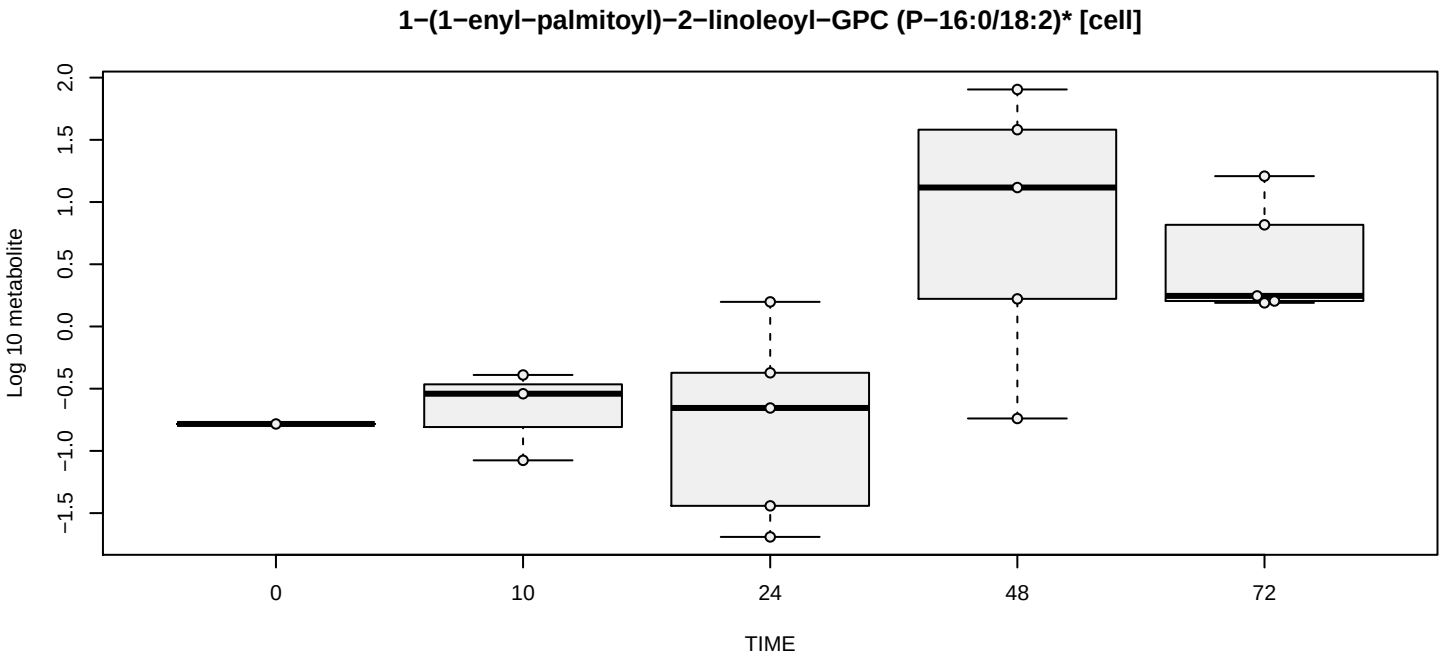
hit 375 metabolite 378 : 1−(1−enyl−oleoyl)−GPE (P−18:1)* [cell] , p = 6.9e−09



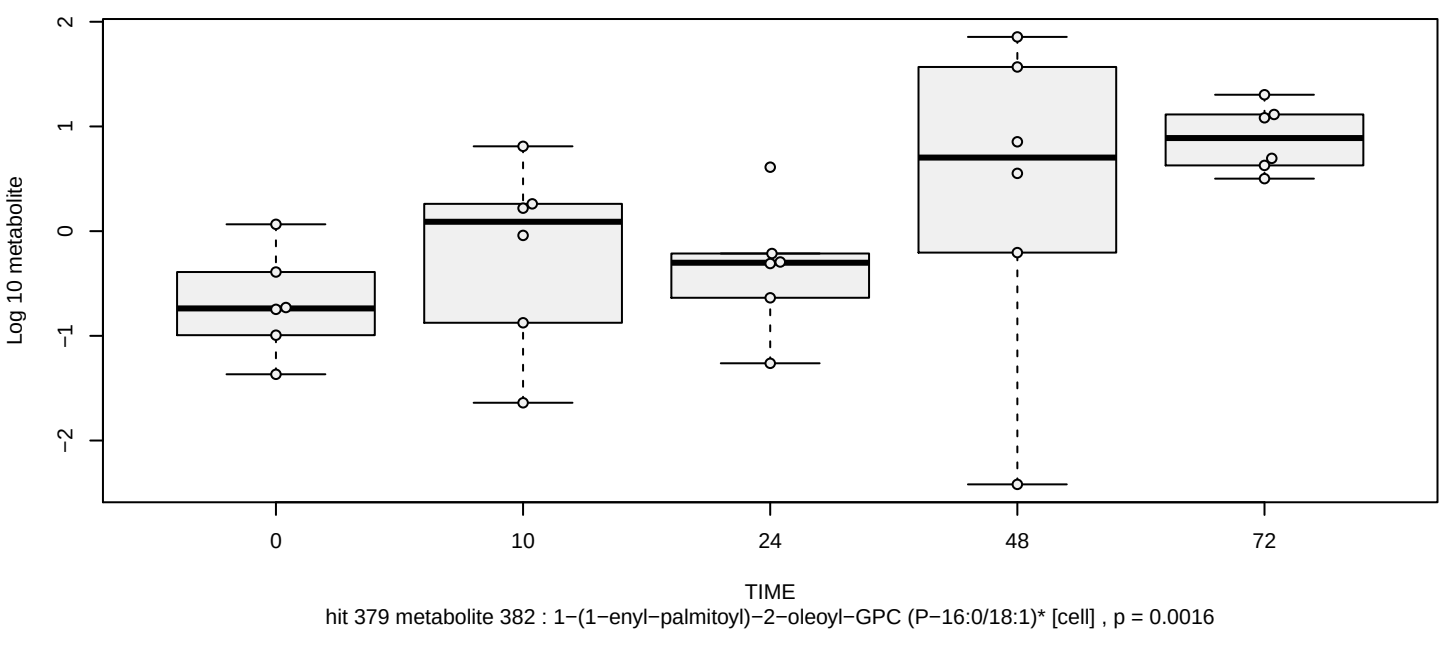
hit 376 metabolite 379 : 1−(1−enyl−palmitoyl)−2−arachidonoyl−GPC (P−16:0/20:4)* [cell] , p = 0.97



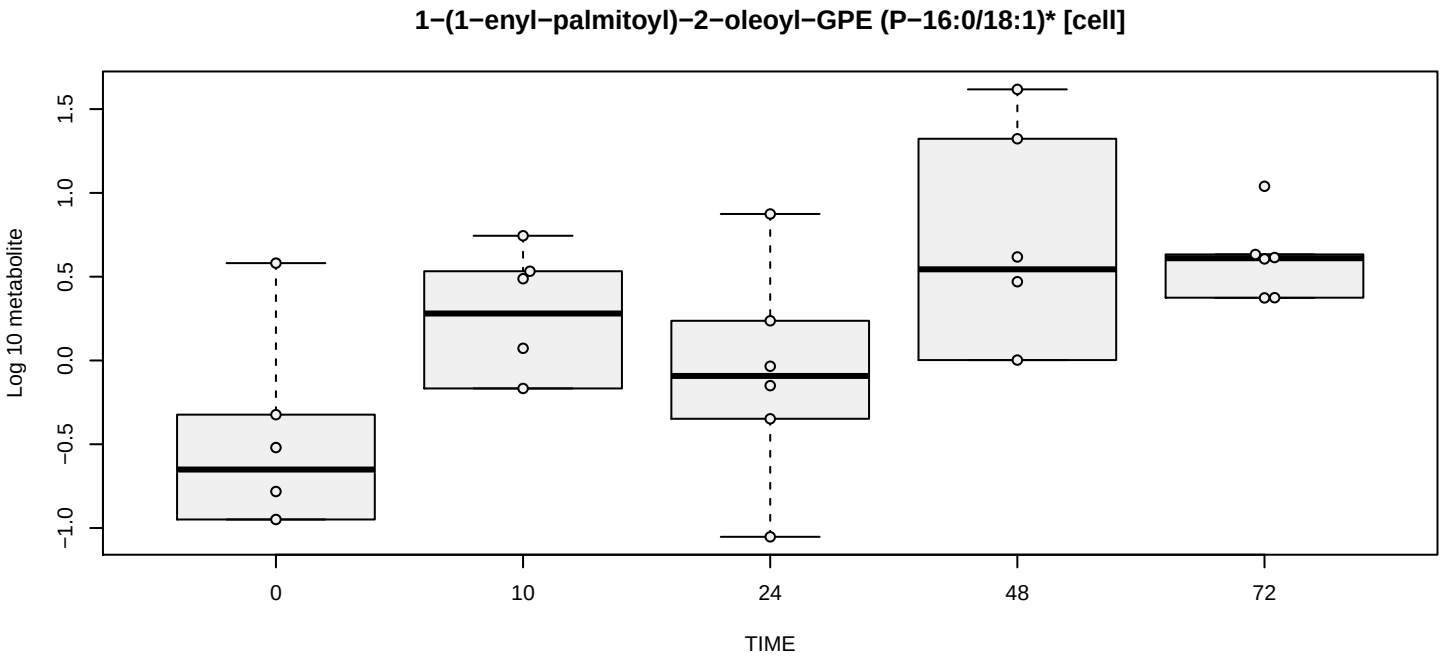
hit 377 metabolite 380 : 1−(1−enyl−palmitoyl)−2−arachidonoyl−GPE (P−16:0/20:4)* [cell] , p = 0.14



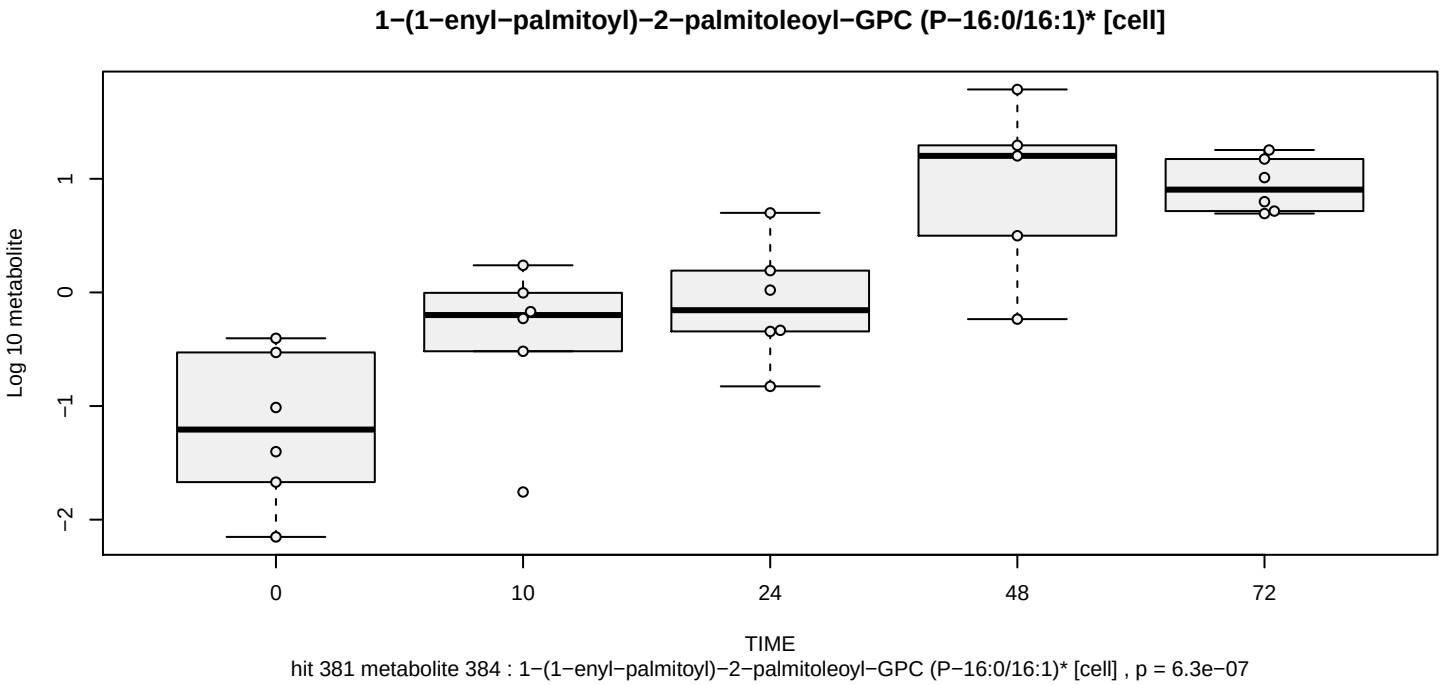
hit 378 metabolite 381 : 1−(1−enyl−palmitoyl)−2−linoleoyl−GPC (P−16:0/18:2)* [cell] , p = 0.0053



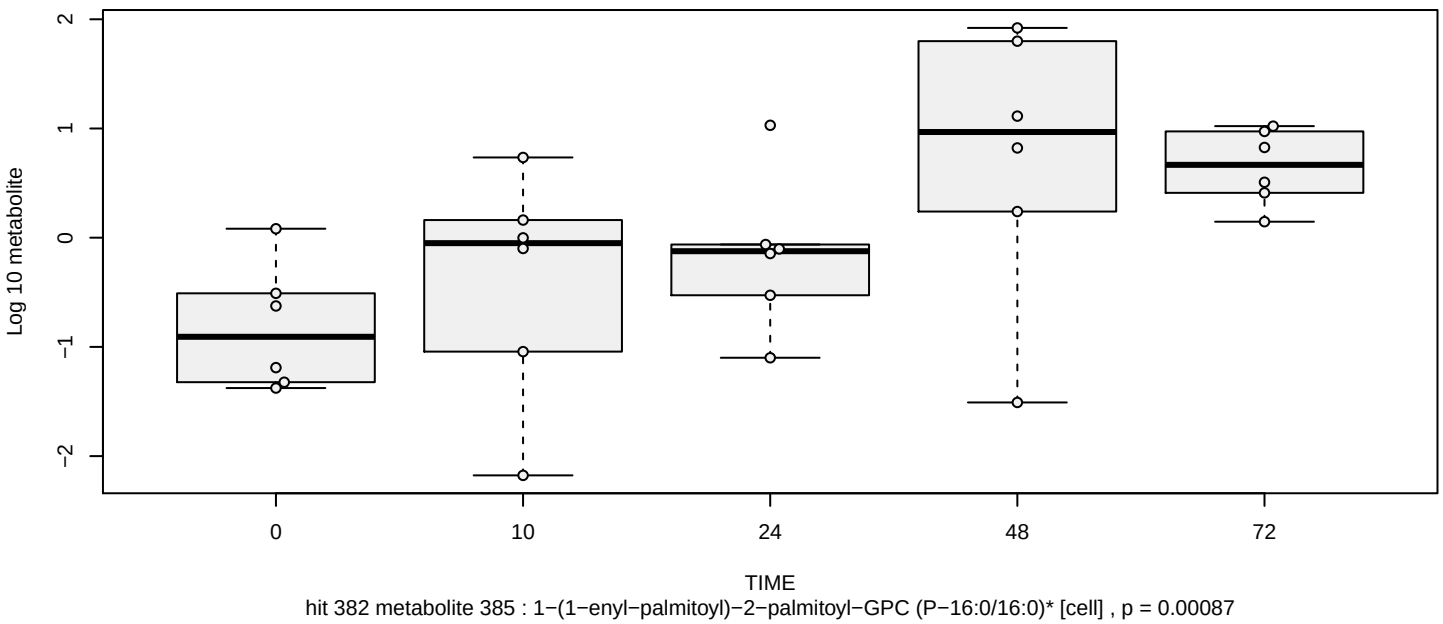
hit 379 metabolite 382 : 1−(1−enyl−palmitoyl)−2−oleoyl−GPC (P−16:0/18:1)* [cell] , p = 0.0016



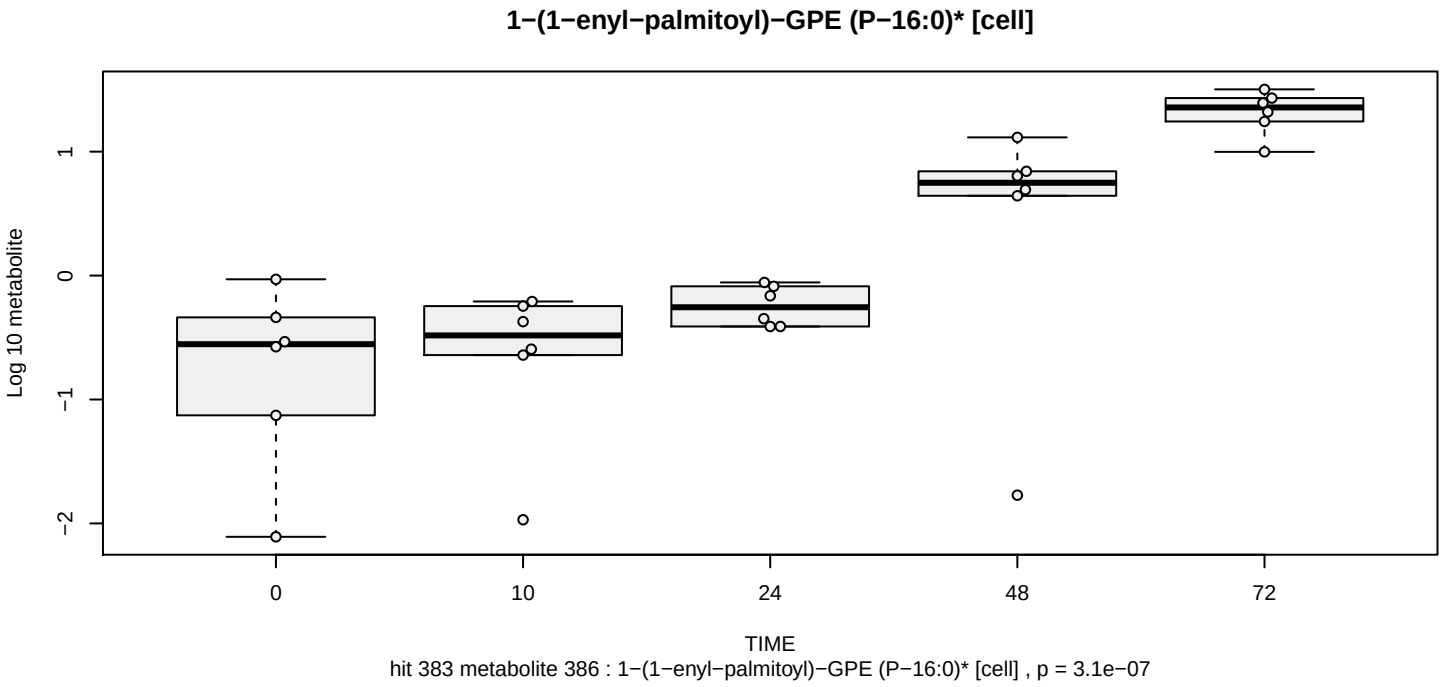
hit 380 metabolite 383 : 1−(1−enyl−palmitoyl)−2−oleoyl−GPE (P−16:0/18:1)* [cell] , p = 0.03



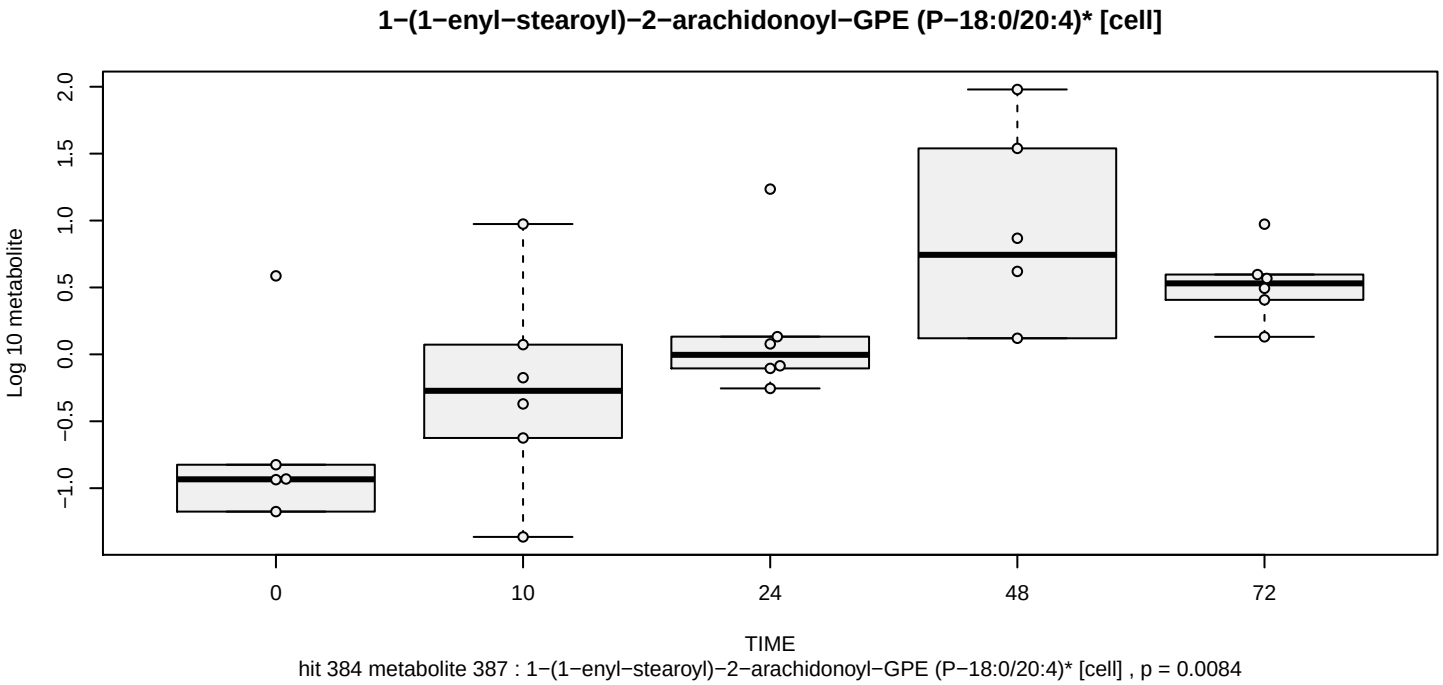
hit 381 metabolite 384 : 1−(1−enyl−palmitoyl)−2−palmitoleoyl−GPC (P−16:0/16:1)* [cell] , p = 6.3e−07



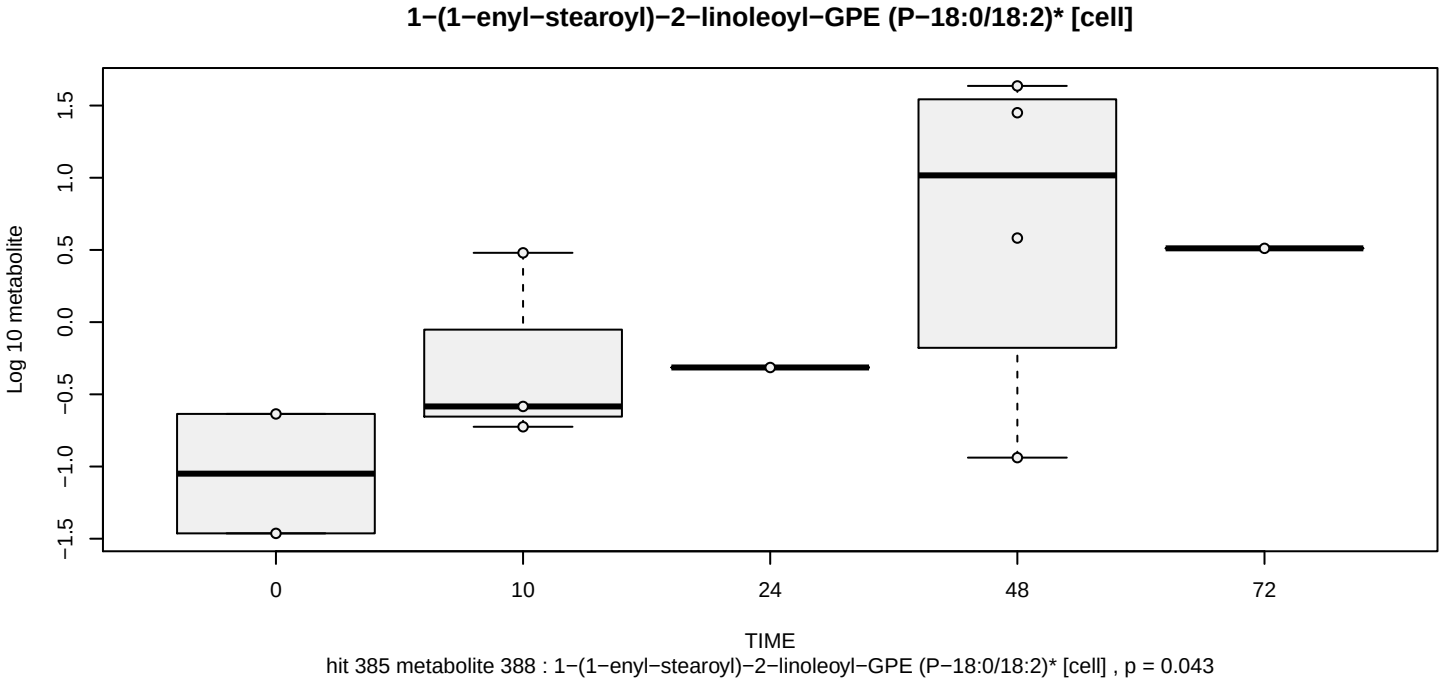
hit 382 metabolite 385 : 1−(1−enyl−palmitoyl)−2−palmitoyl−GPC (P−16:0/16:0)* [cell] , p = 0.00087



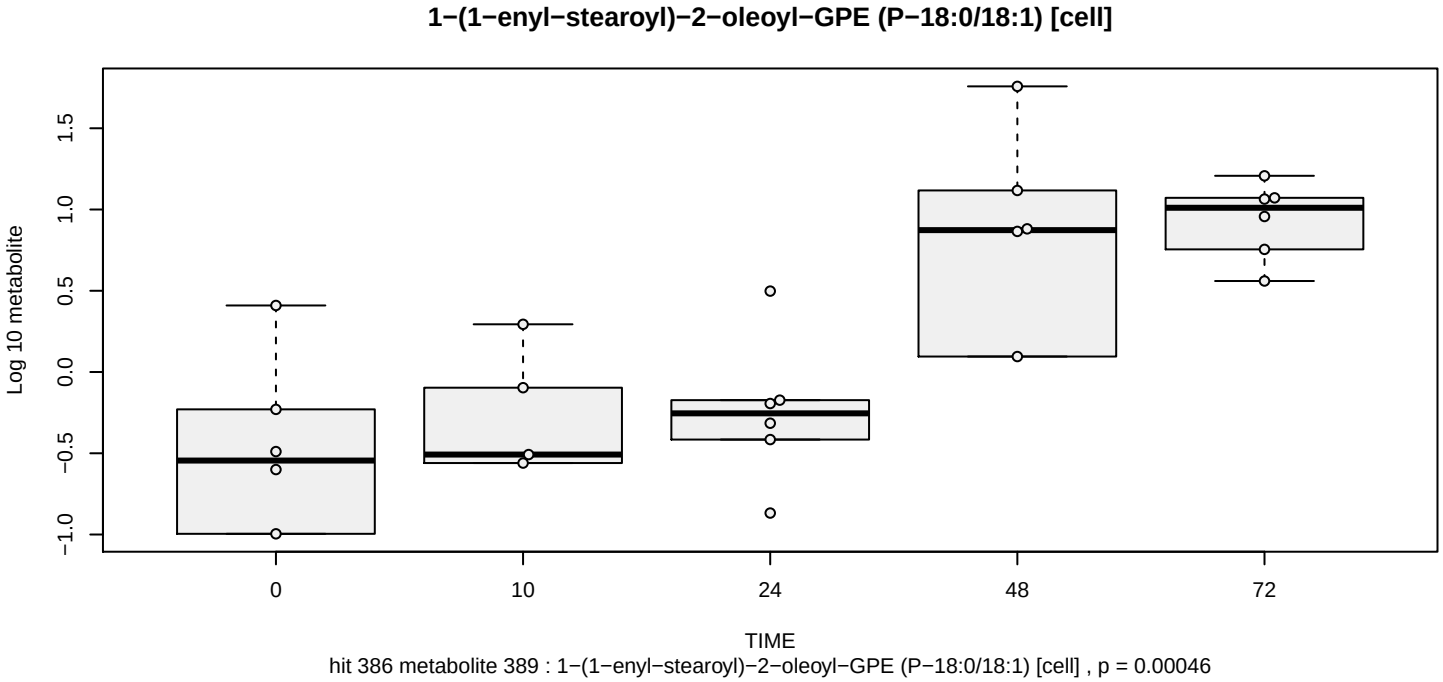
hit 383 metabolite 386 : 1−(1−enyl−palmitoyl)−GPE (P−16:0)* [cell] , p = 3.1e−07



hit 384 metabolite 387 : 1−(1−enyl−stearoyl)−2−arachidonoyl−GPE (P−18:0/20:4)* [cell] , p = 0.0084

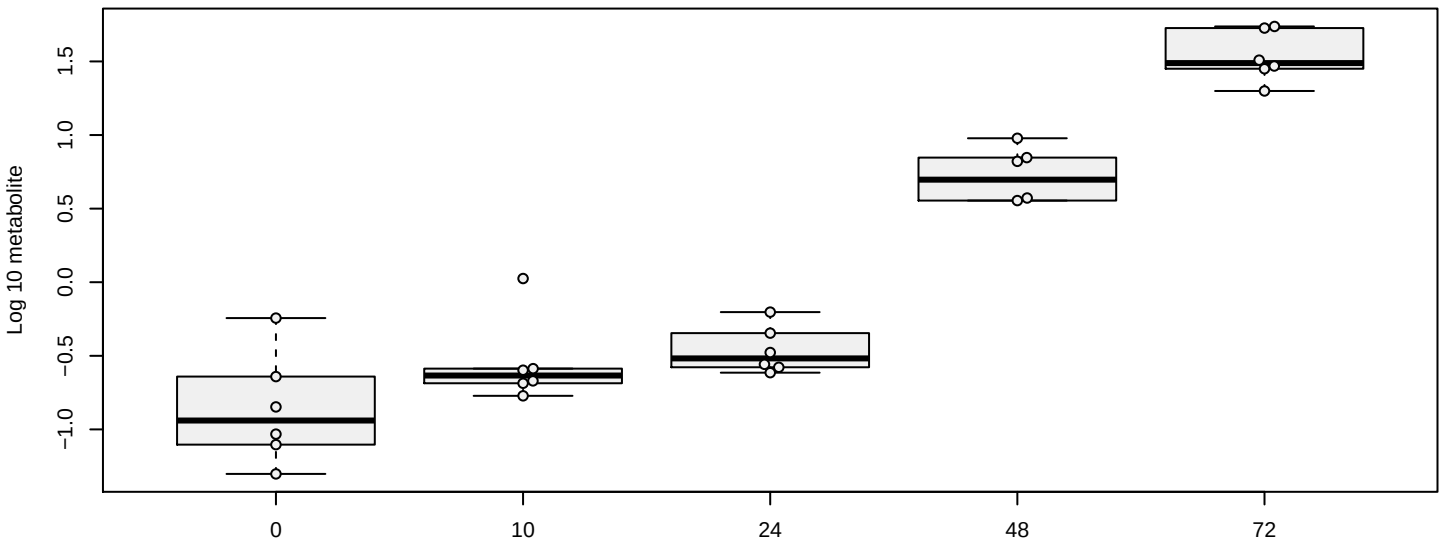


hit 385 metabolite 388 : 1−(1−enyl−stearoyl)−2−linoleoyl−GPE (P−18:0/18:2)* [cell] , p = 0.043



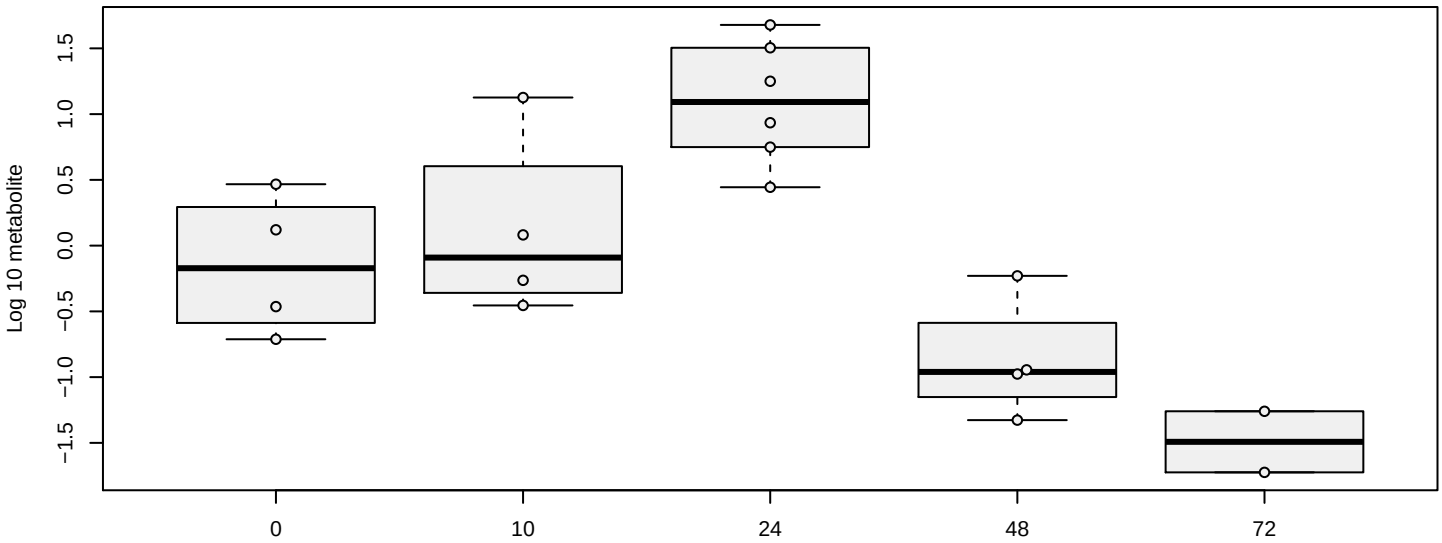
hit 386 metabolite 389 : 1−(1−enyl−stearoyl)−2−oleoyl−GPE (P−18:0/18:1) [cell] , p = 0.00046

1−(1−enyl−stearoyl)−GPE (P−18:0)* [cell]



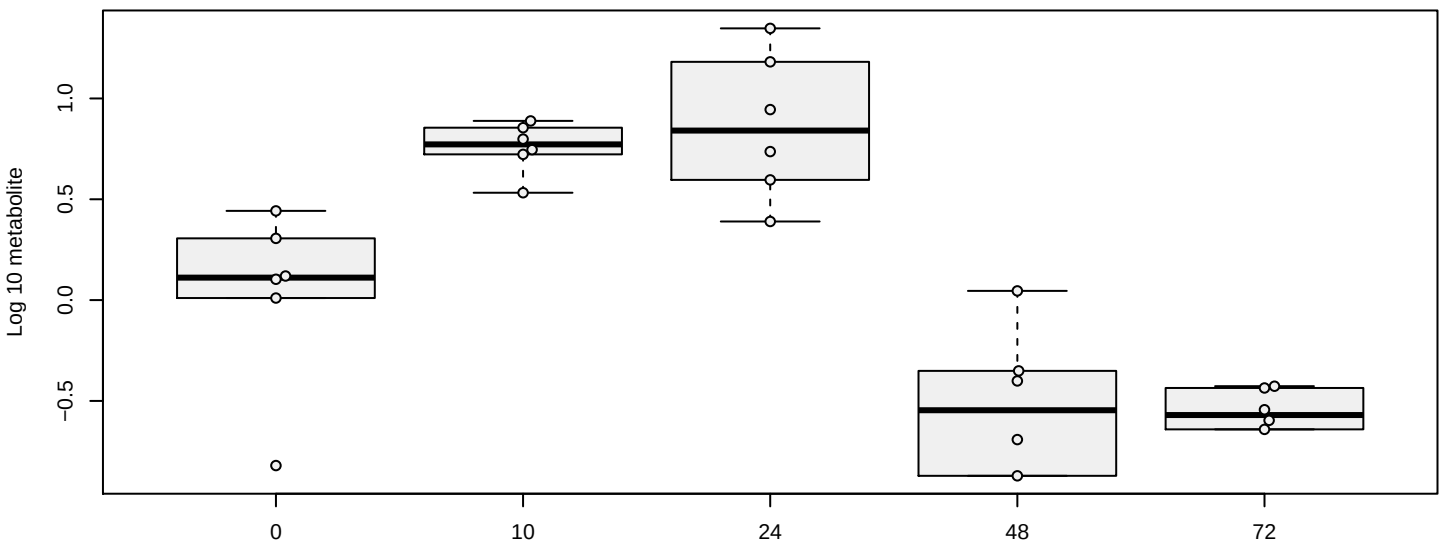
hit 387 metabolite 390 : 1−(1−enyl−stearoyl)−GPE (P−18:0)* [cell] , p = 1.7e−09

1−arachidonoyl−GPA (20:4) [cell]

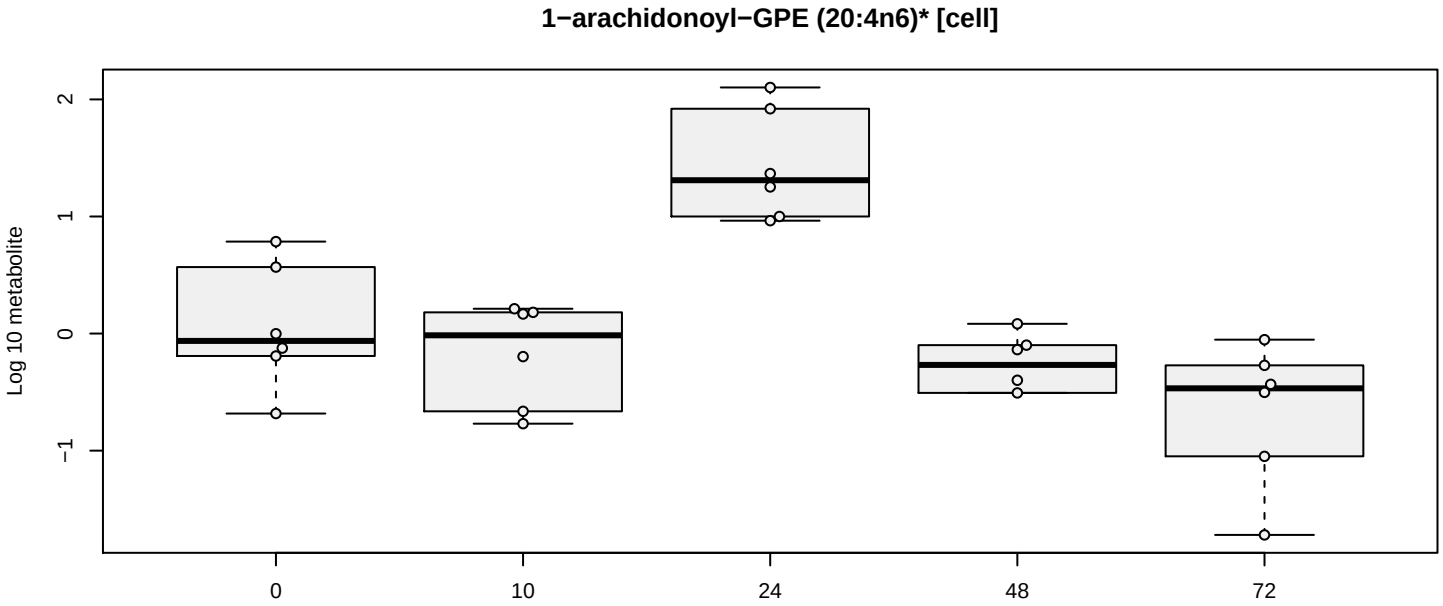


hit 388 metabolite 391 : 1−arachidonoyl−GPA (20:4) [cell] , p = 0.023

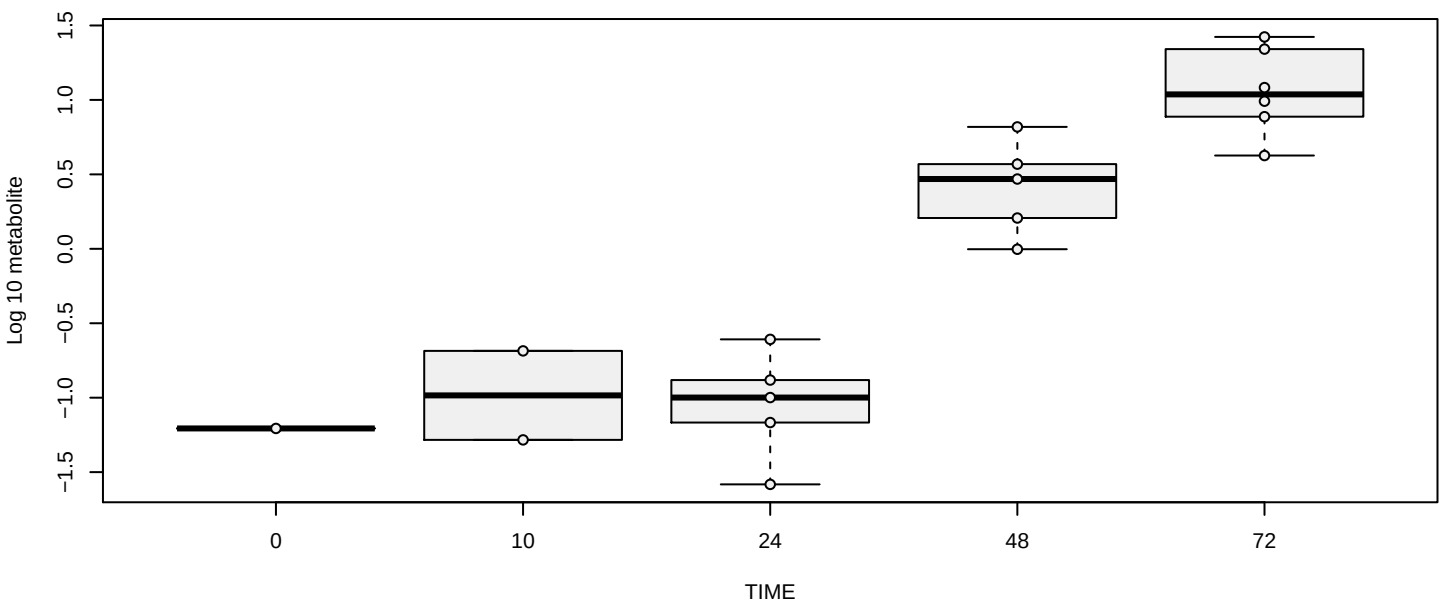
1−arachidonoyl−GPC (20:4n6)* [cell]



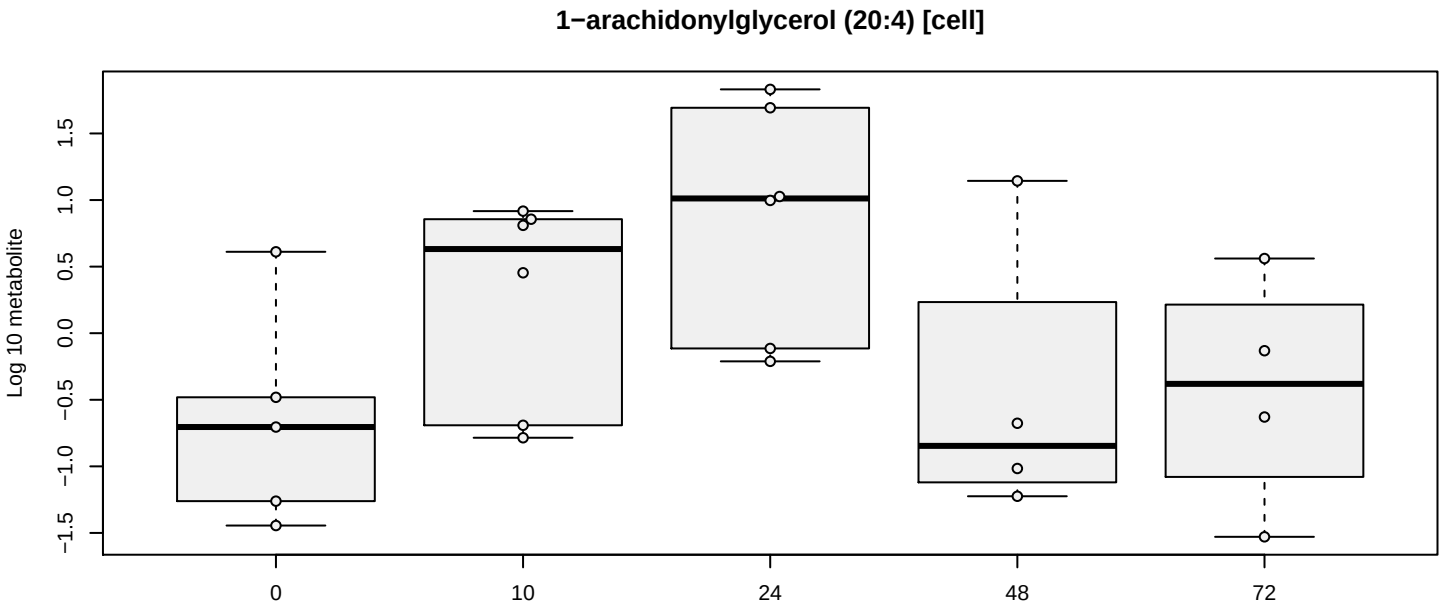
hit 389 metabolite 392 : 1−arachidonoyl−GPC (20:4n6)* [cell] , p = 0.0039



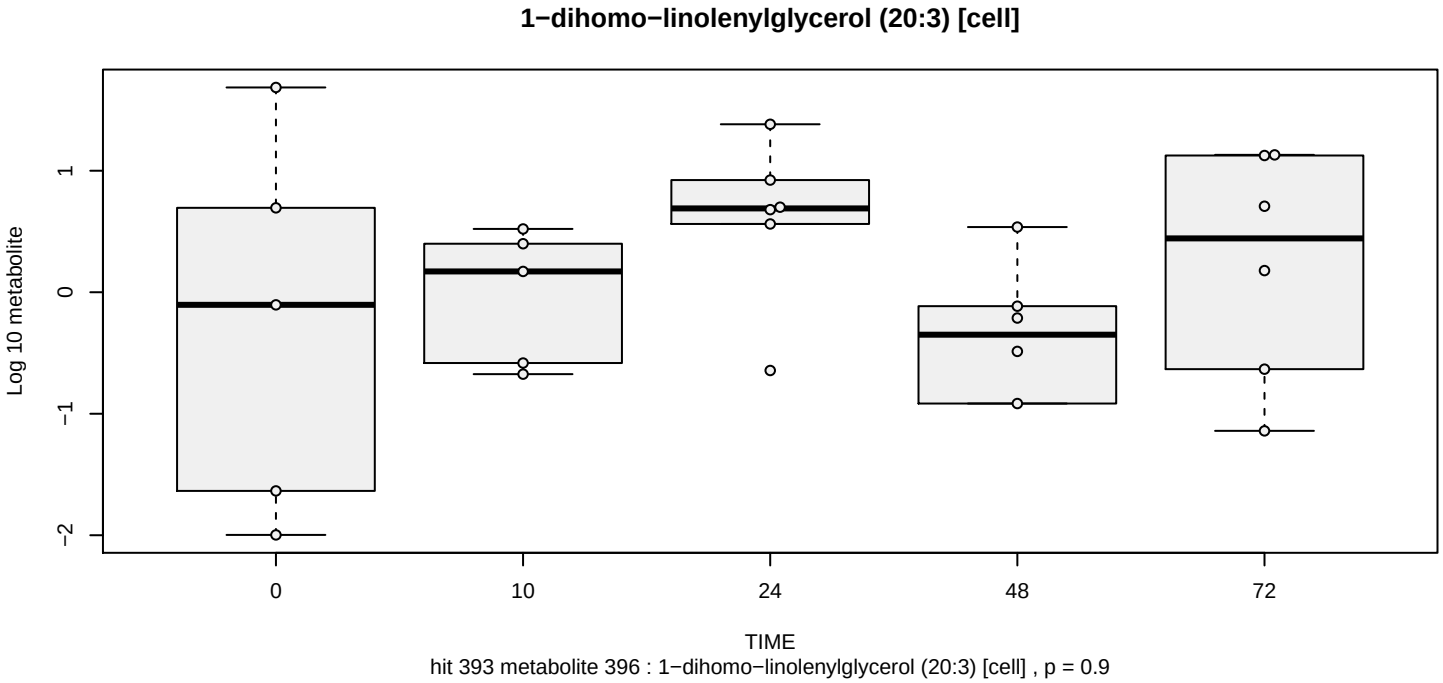
hit 390 metabolite 393 : 1−arachidonoyl−GPE (20:4n6)* [cell] , p = 0.049



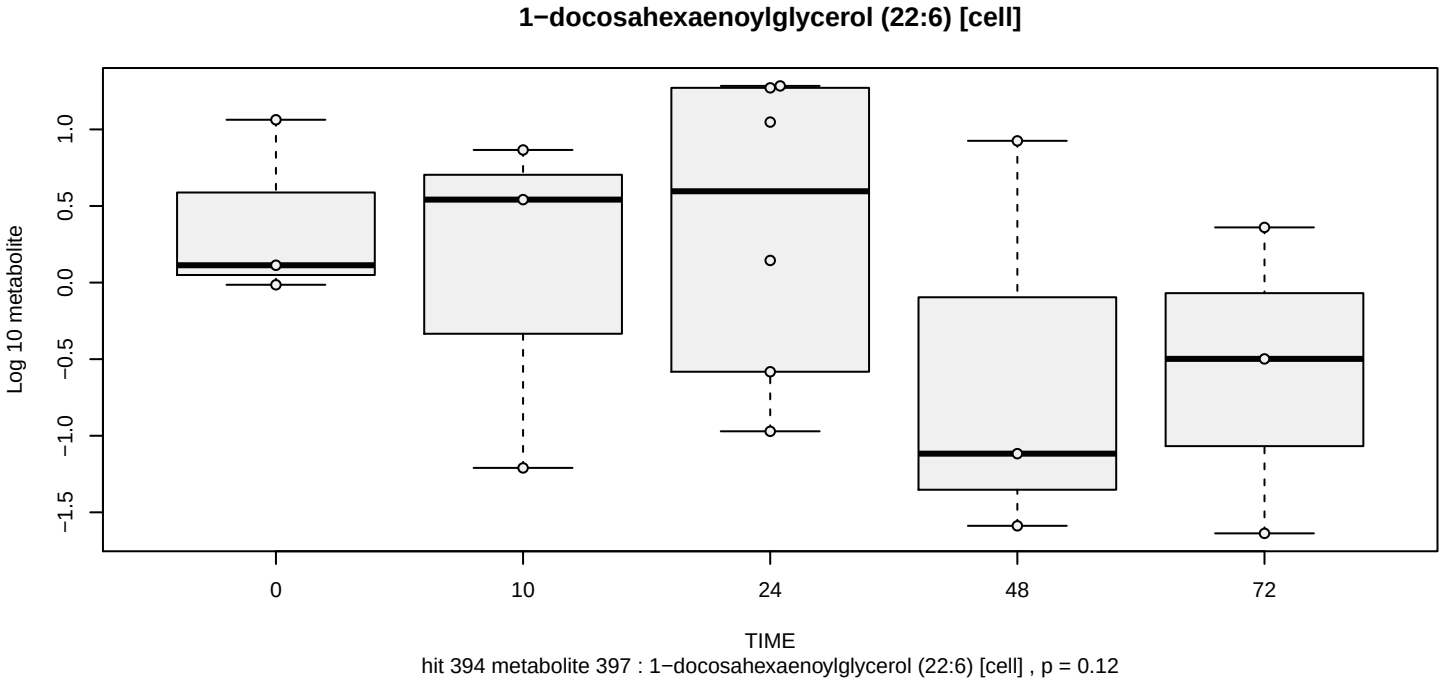
hit 391 metabolite 394 : 1−arachidonoyl−GPI (20:4)* [cell] , p = 1.7e−08



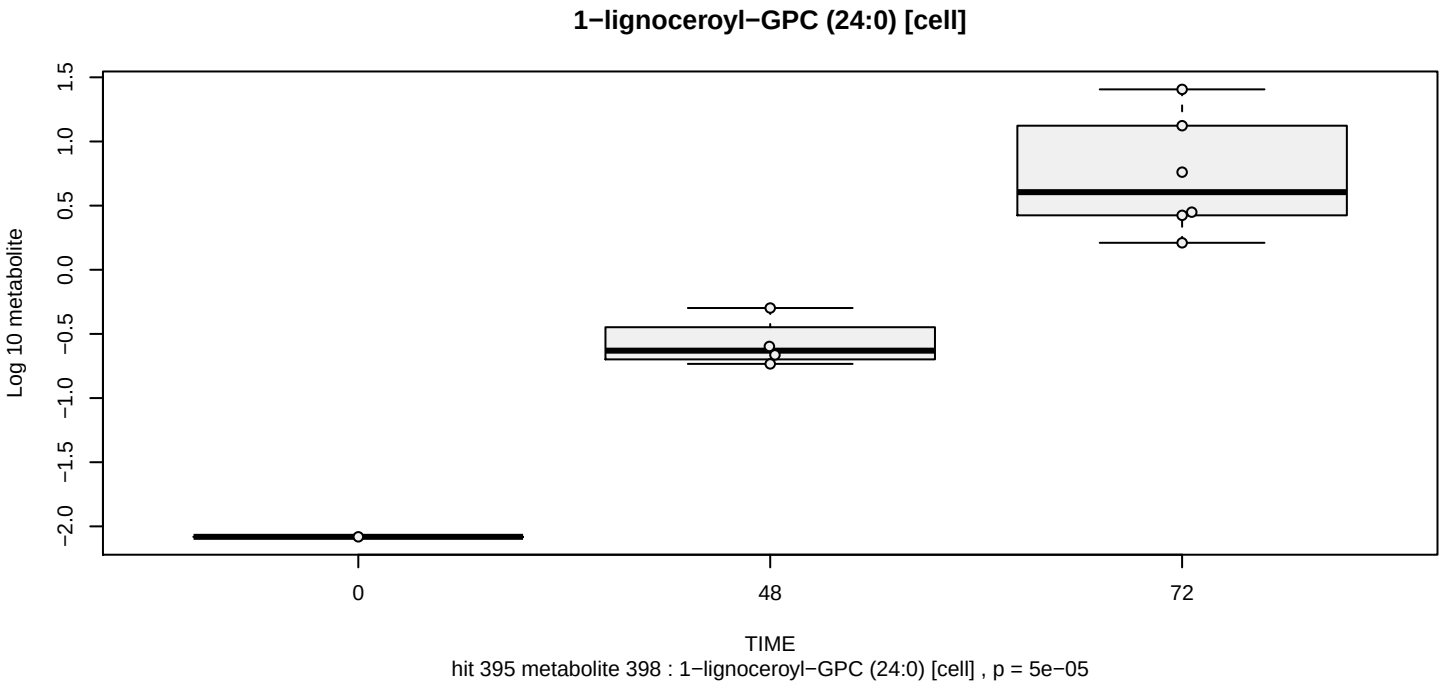
hit 392 metabolite 395 : 1−arachidonylglycerol (20:4) [cell] , p = 0.59



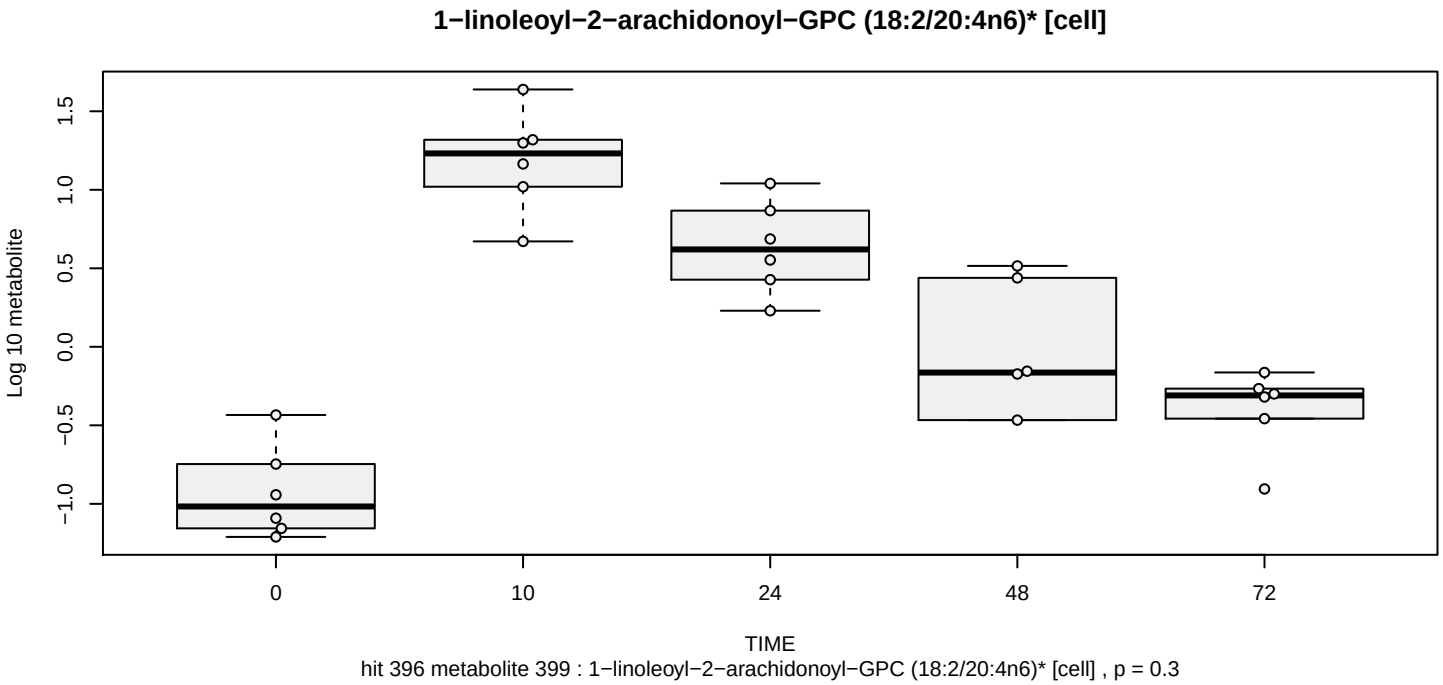
hit 393 metabolite 396 : 1−dihomo−linolenylglycerol (20:3) [cell] , p = 0.9



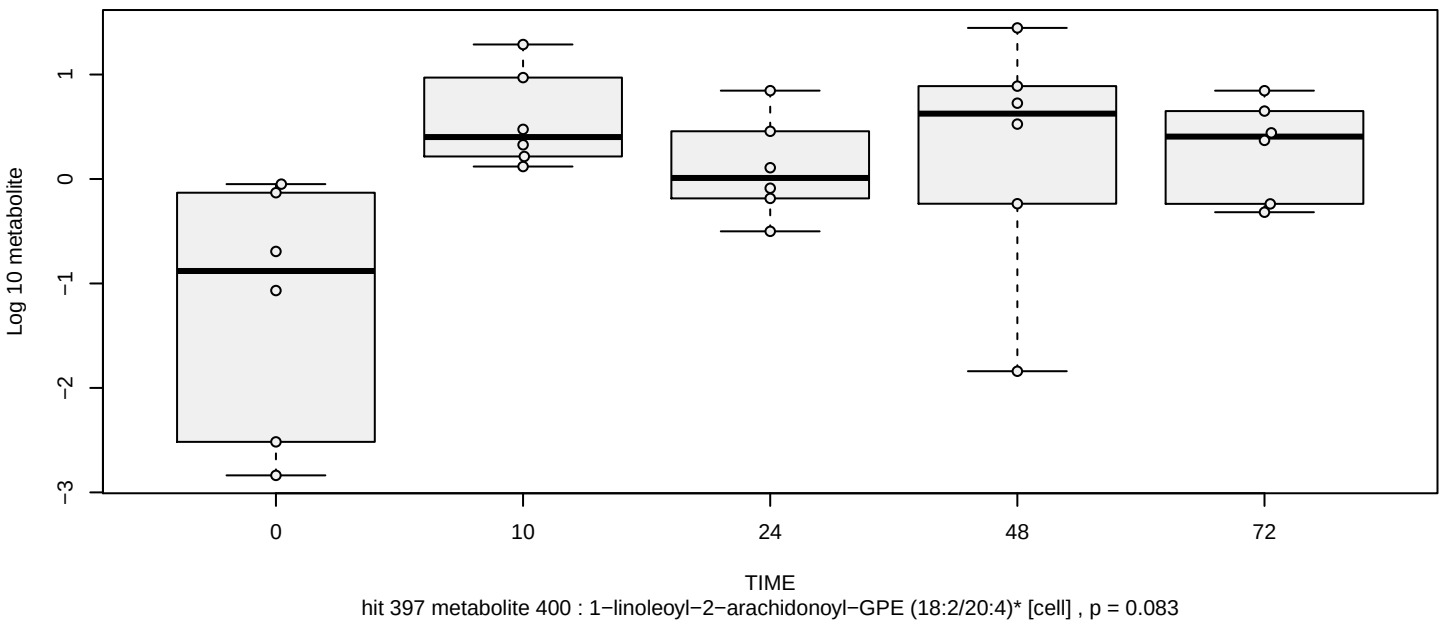
hit 394 metabolite 397 : 1−docosahexaenoylglycerol (22:6) [cell] , p = 0.12



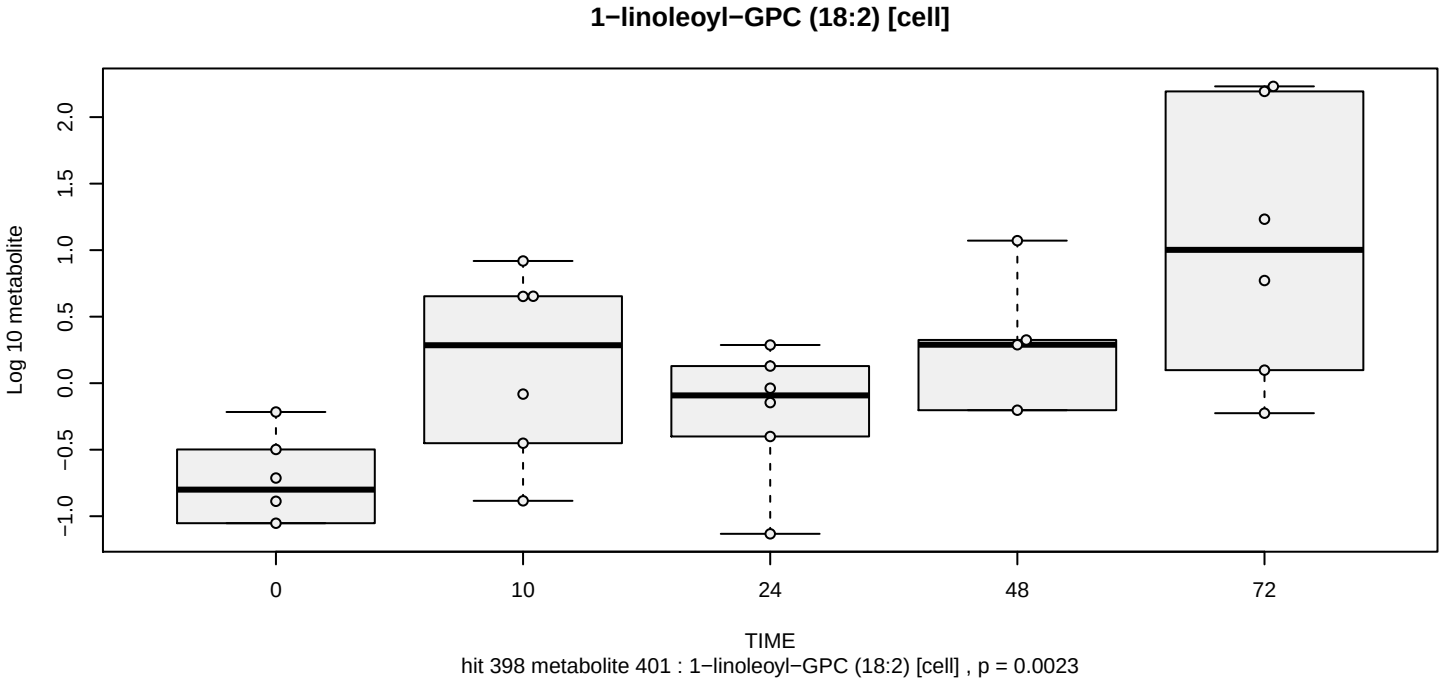
hit 395 metabolite 398 : 1−lignoceroyl−GPC (24:0) [cell] , p = 5e−05



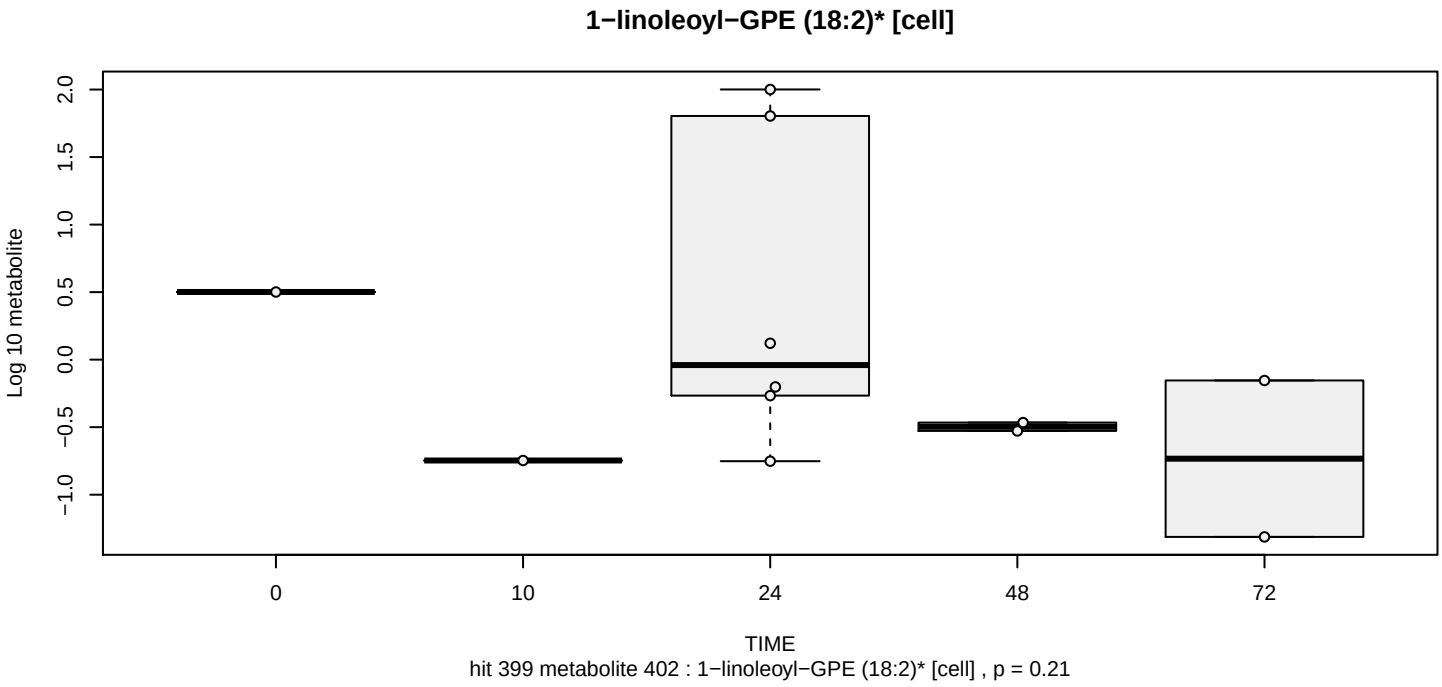
hit 396 metabolite 399 : 1−linoleoyl−2−arachidonoyl−GPC (18:2/20:4n6)* [cell] , p = 0.3



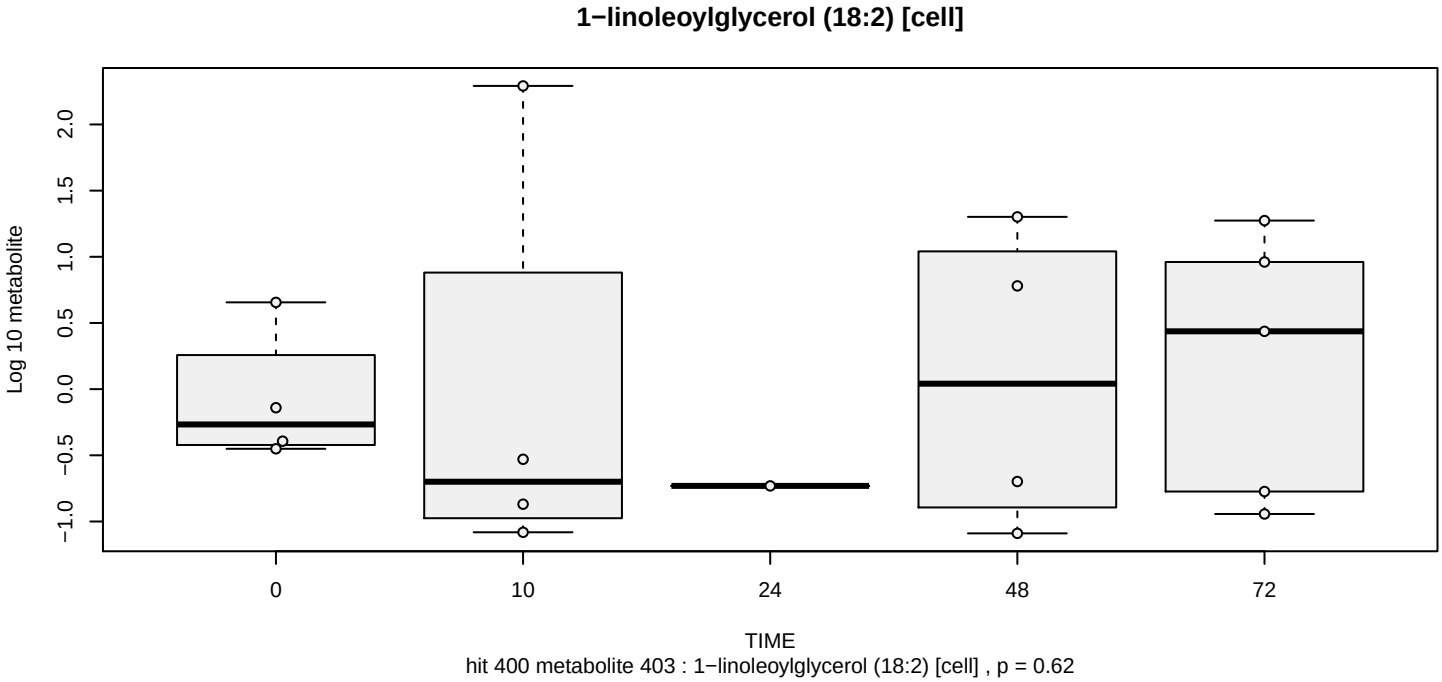
hit 397 metabolite 400 : 1−linoleoyl−2−arachidonoyl−GPE (18:2/20:4)* [cell] , p = 0.083



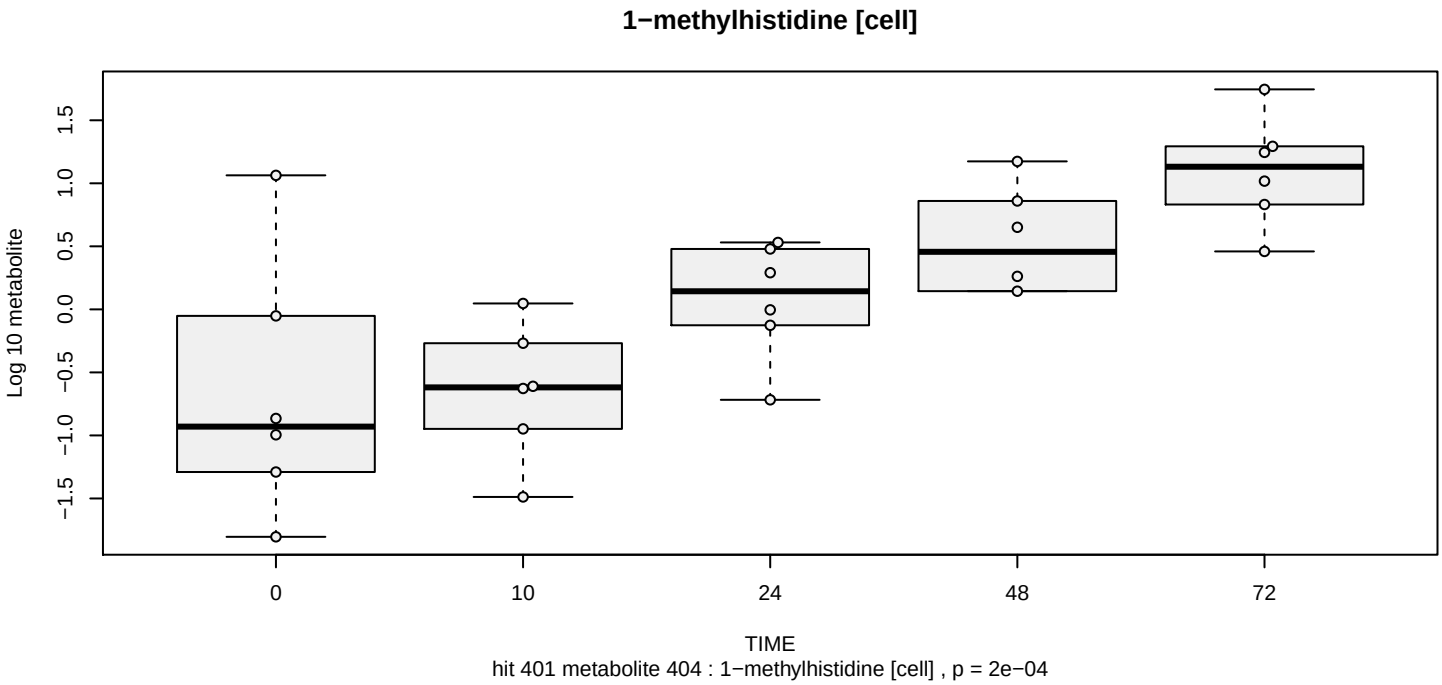
hit 398 metabolite 401 : 1−linoleoyl−GPC (18:2) [cell] , p = 0.0023



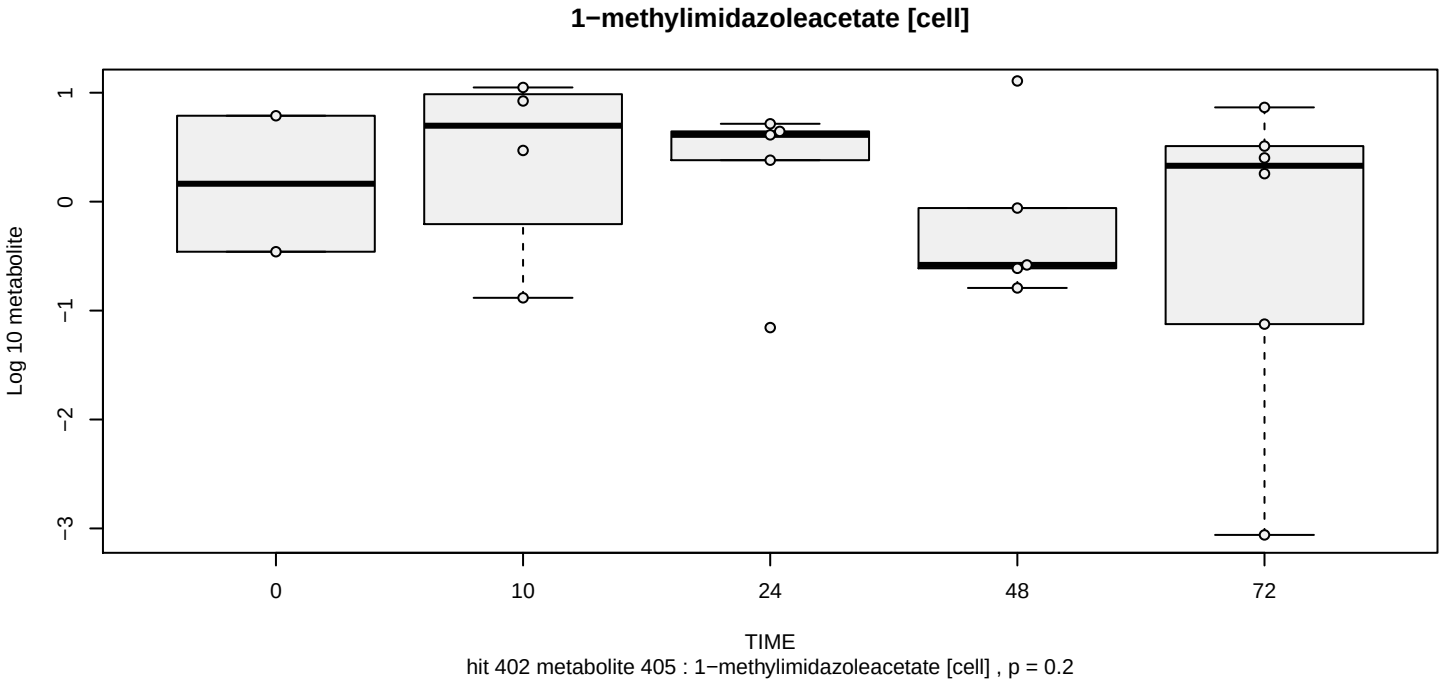
hit 399 metabolite 402 : 1−linoleoyl−GPE (18:2)* [cell] , p = 0.21



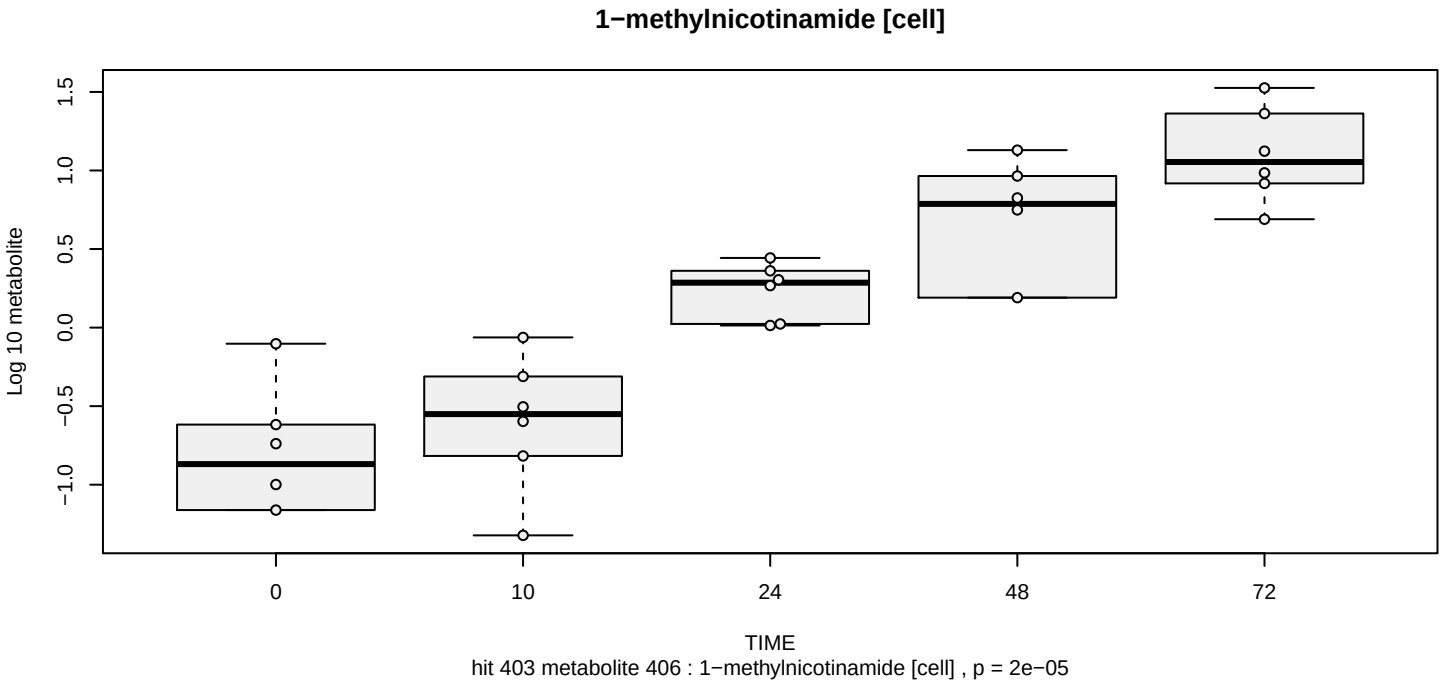
hit 400 metabolite 403 : 1−linoleoylglycerol (18:2) [cell] , p = 0.62



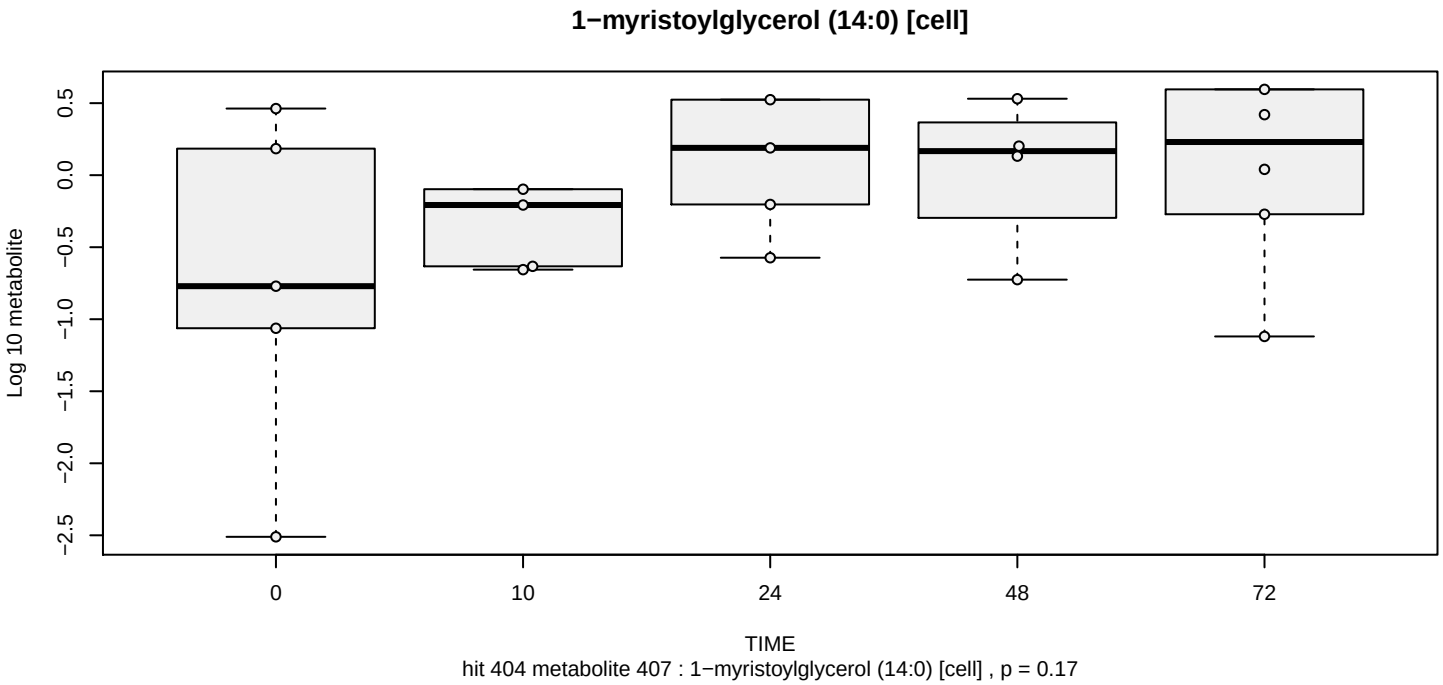
hit 401 metabolite 404 : 1−methylhistidine [cell] , p = 2e−04



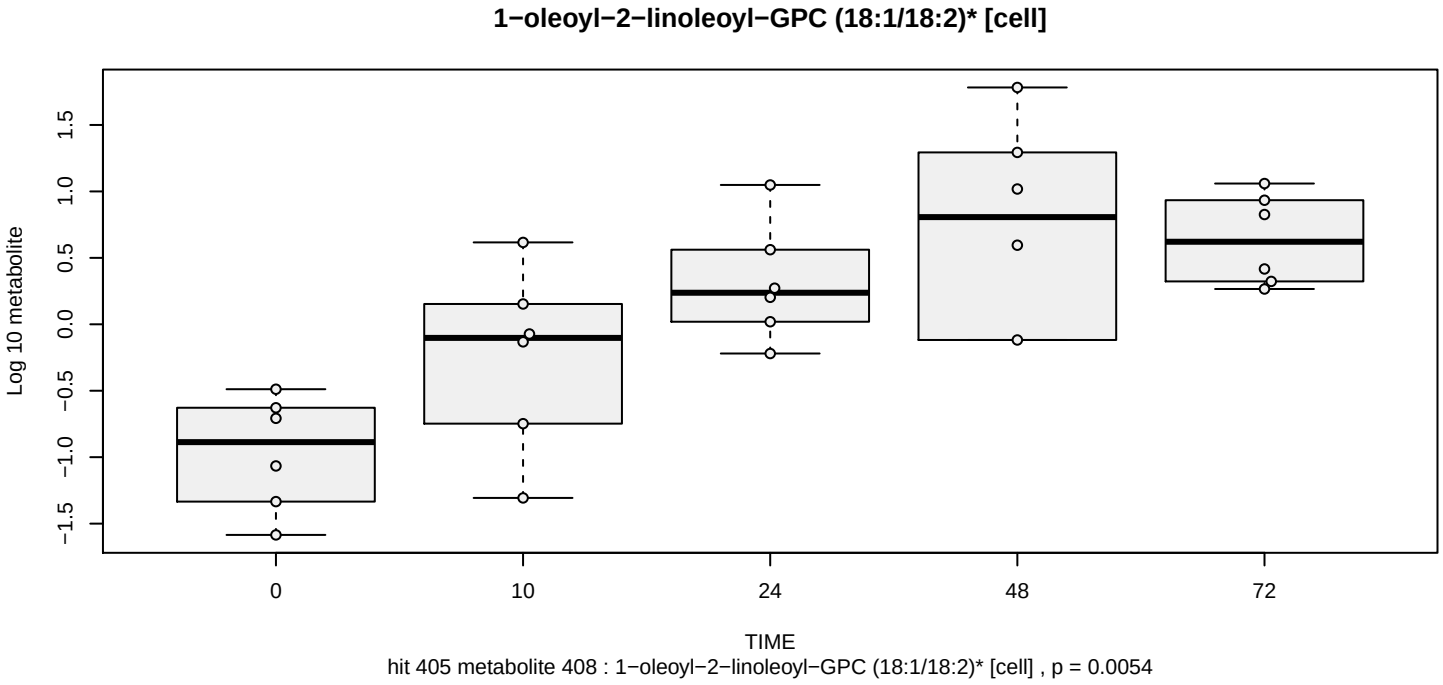
hit 402 metabolite 405 : 1−methylimidazoleacetate [cell] , p = 0.2



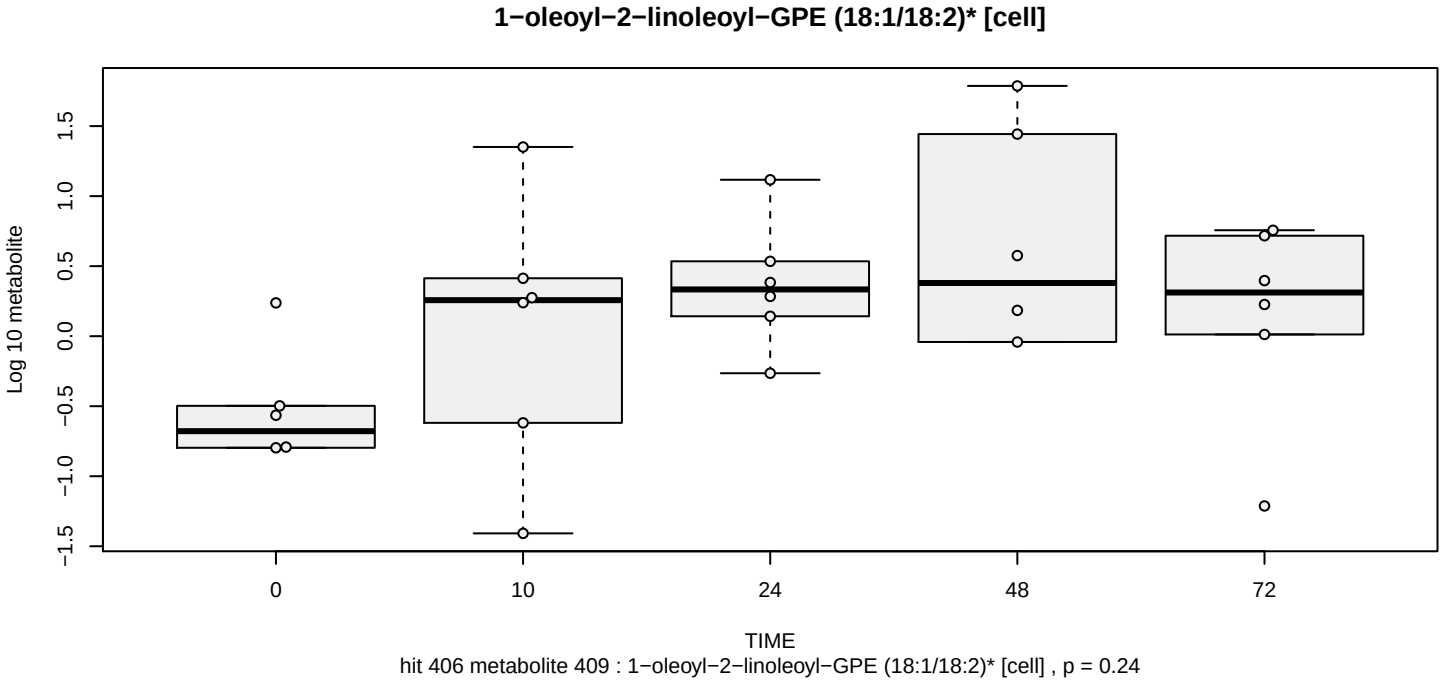
hit 403 metabolite 406 : 1−methylnicotinamide [cell] , p = 2e−05



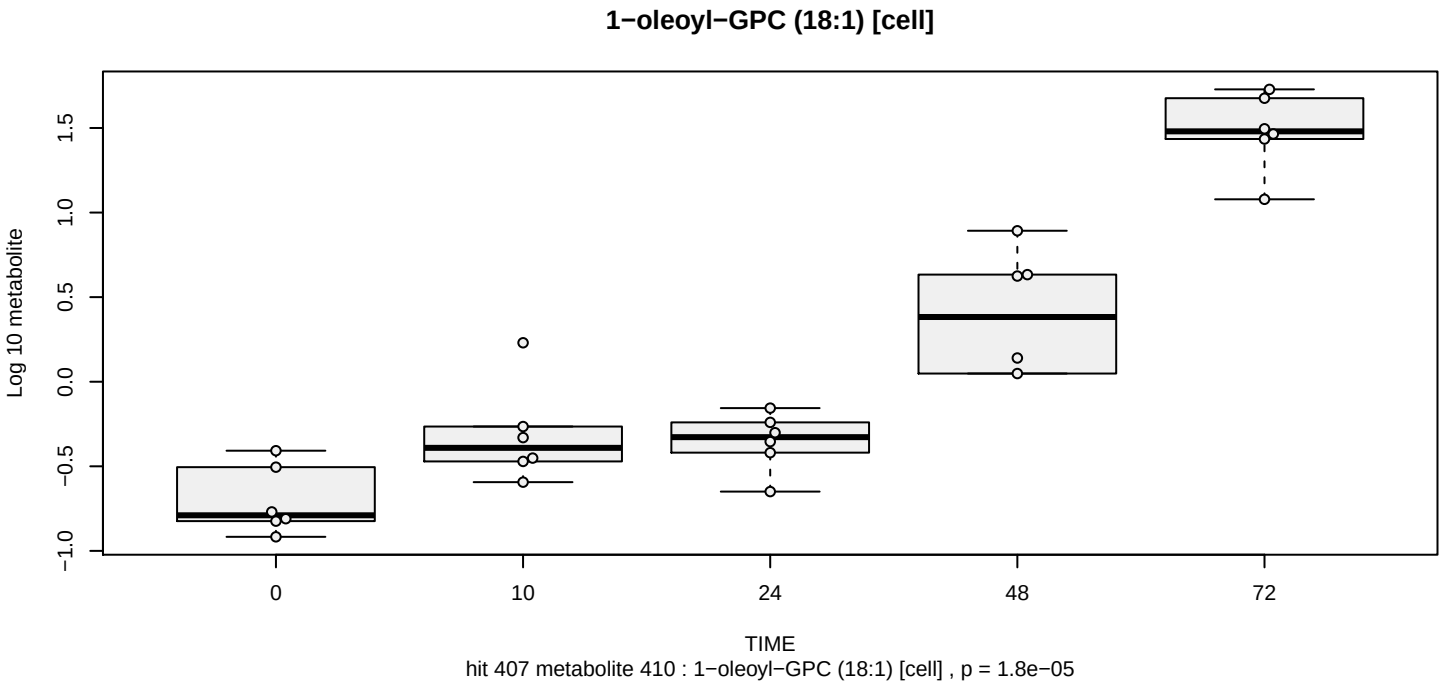
hit 404 metabolite 407 : 1−myristoylglycerol (14:0) [cell] , p = 0.17



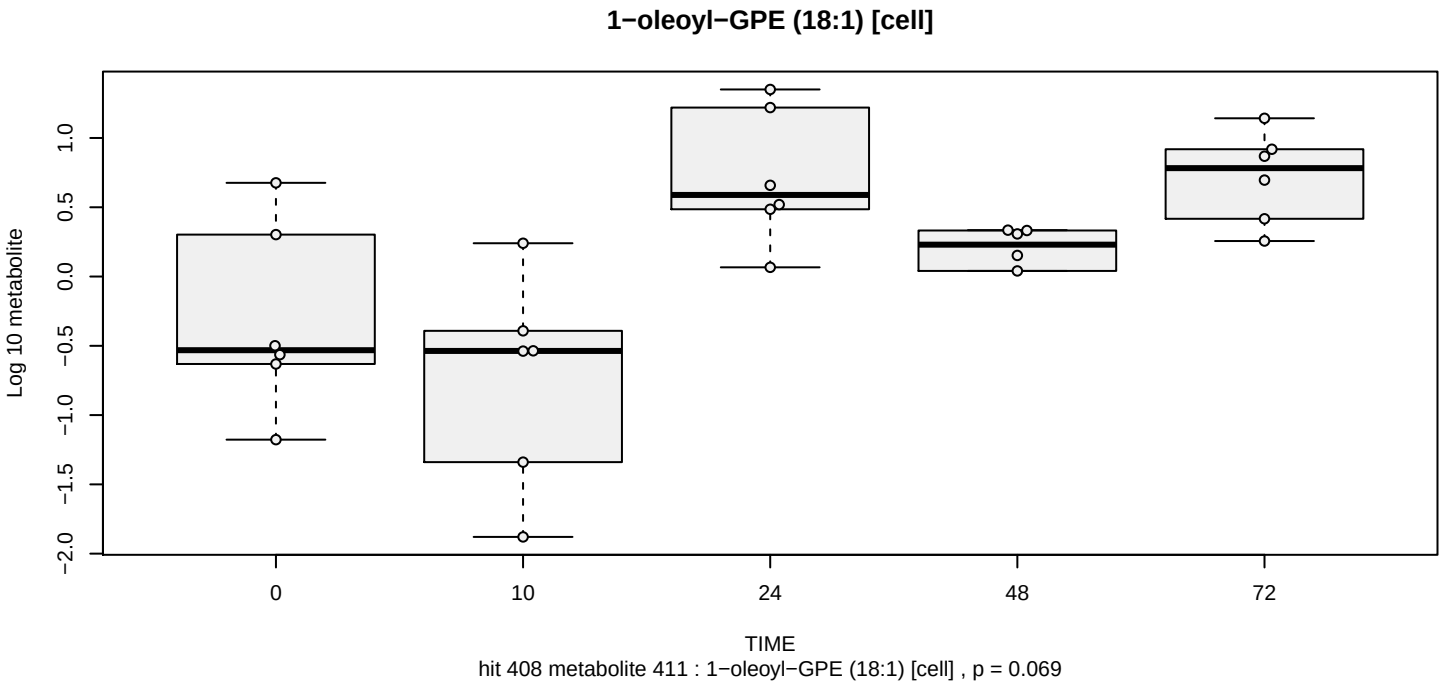
hit 405 metabolite 408 : 1−oleoyl−2−linoleoyl−GPC (18:1/18:2)* [cell] , p = 0.0054



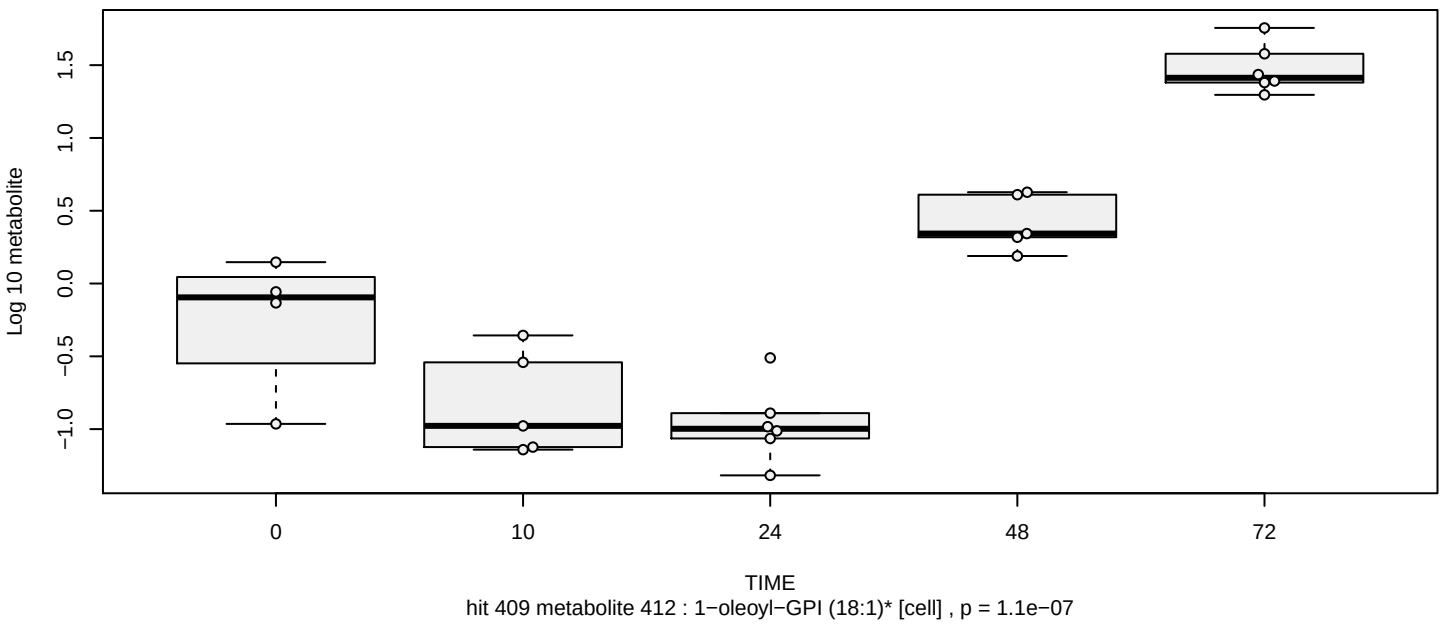
hit 406 metabolite 409 : 1−oleoyl−2−linoleoyl−GPE (18:1/18:2)* [cell] , p = 0.24



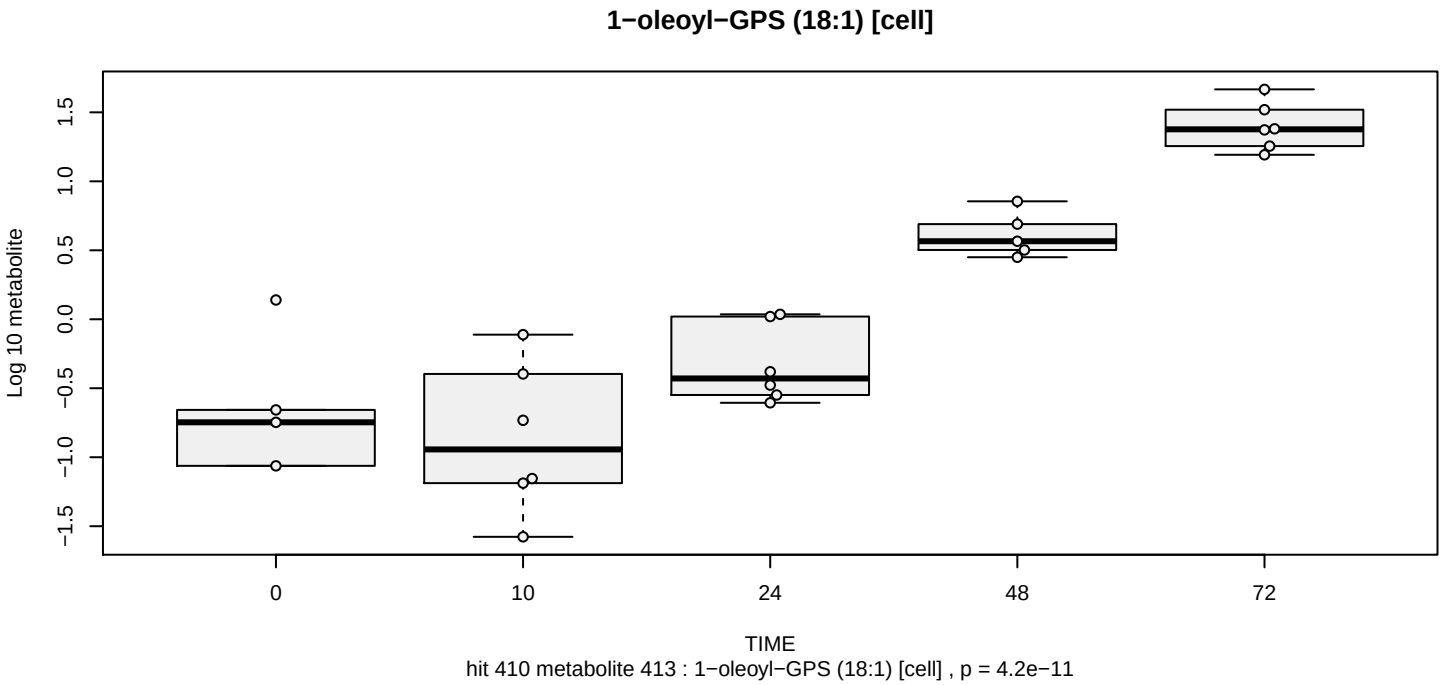
hit 407 metabolite 410 : 1−oleoyl−GPC (18:1) [cell] , p = 1.8e−05



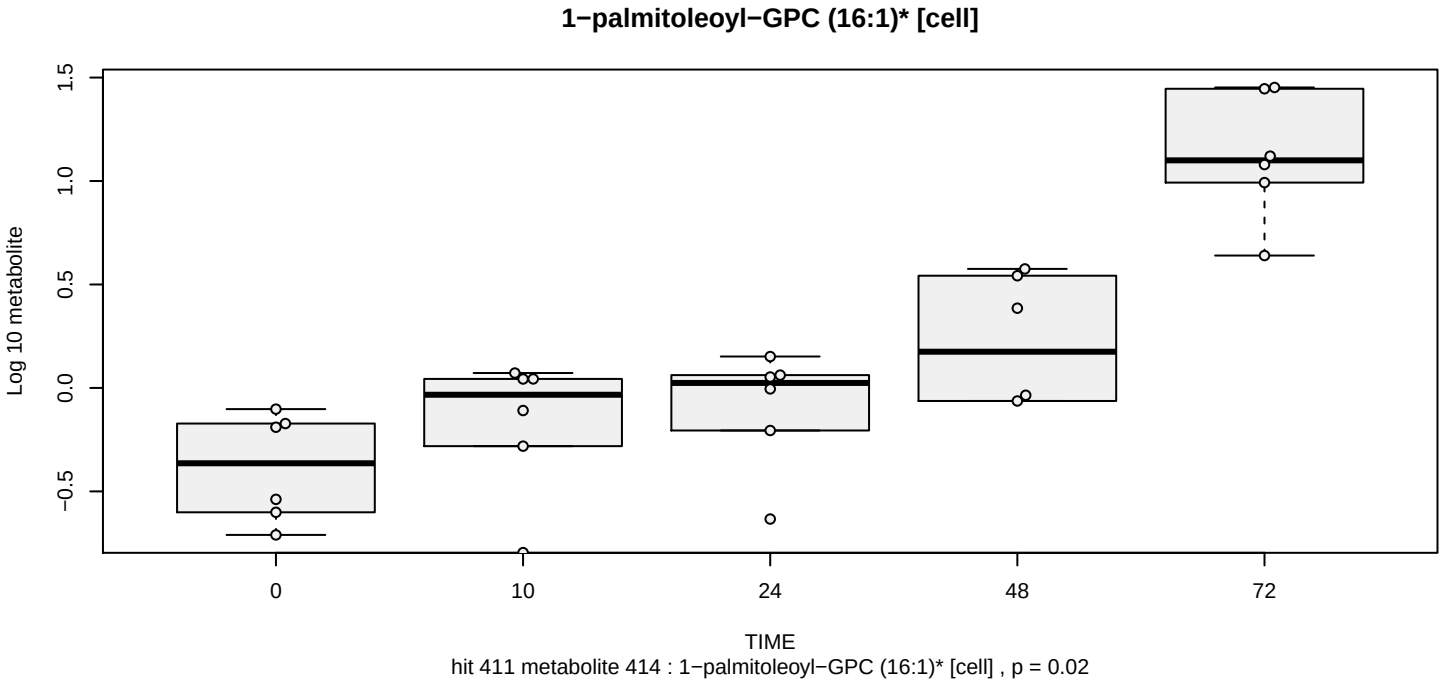
hit 408 metabolite 411 : 1−oleoyl−GPE (18:1) [cell] , p = 0.069



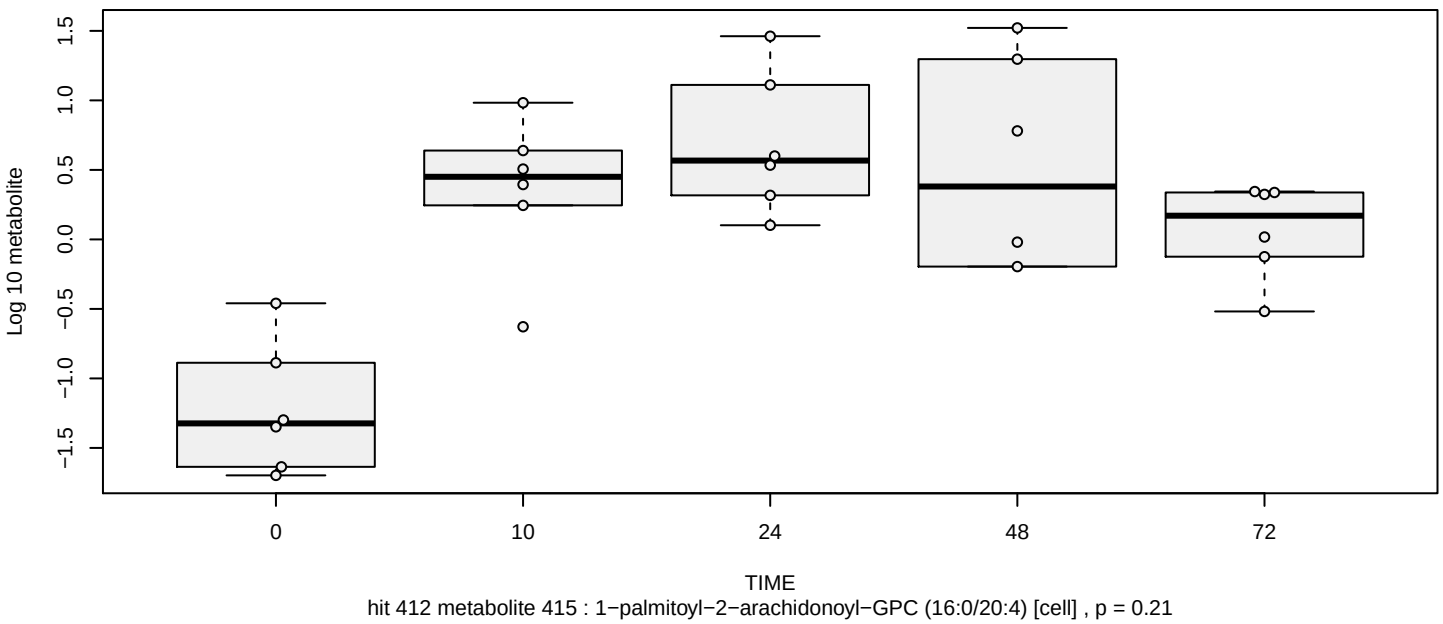
hit 409 metabolite 412 : 1−oleoyl−GPI (18:1)* [cell] , p = 1.1e−07



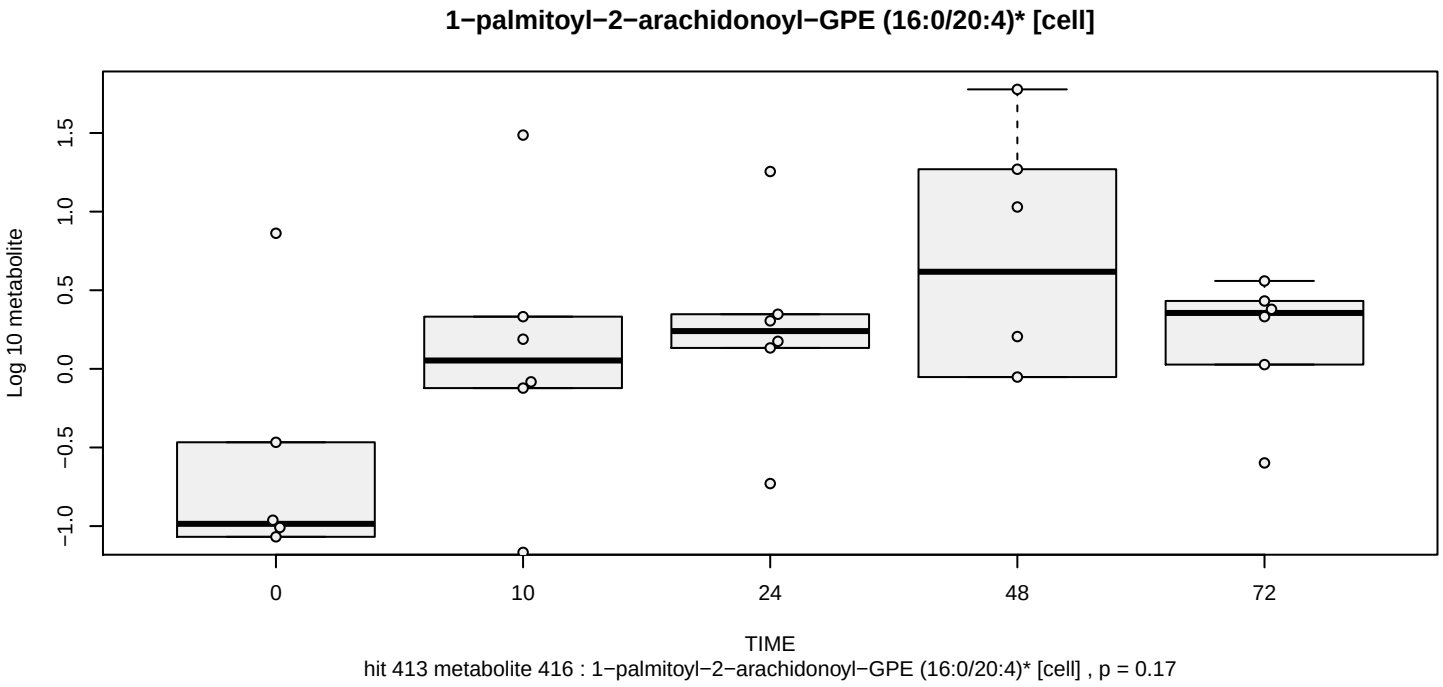
hit 410 metabolite 413 : 1−oleoyl−GPS (18:1) [cell] , p = 4.2e−11



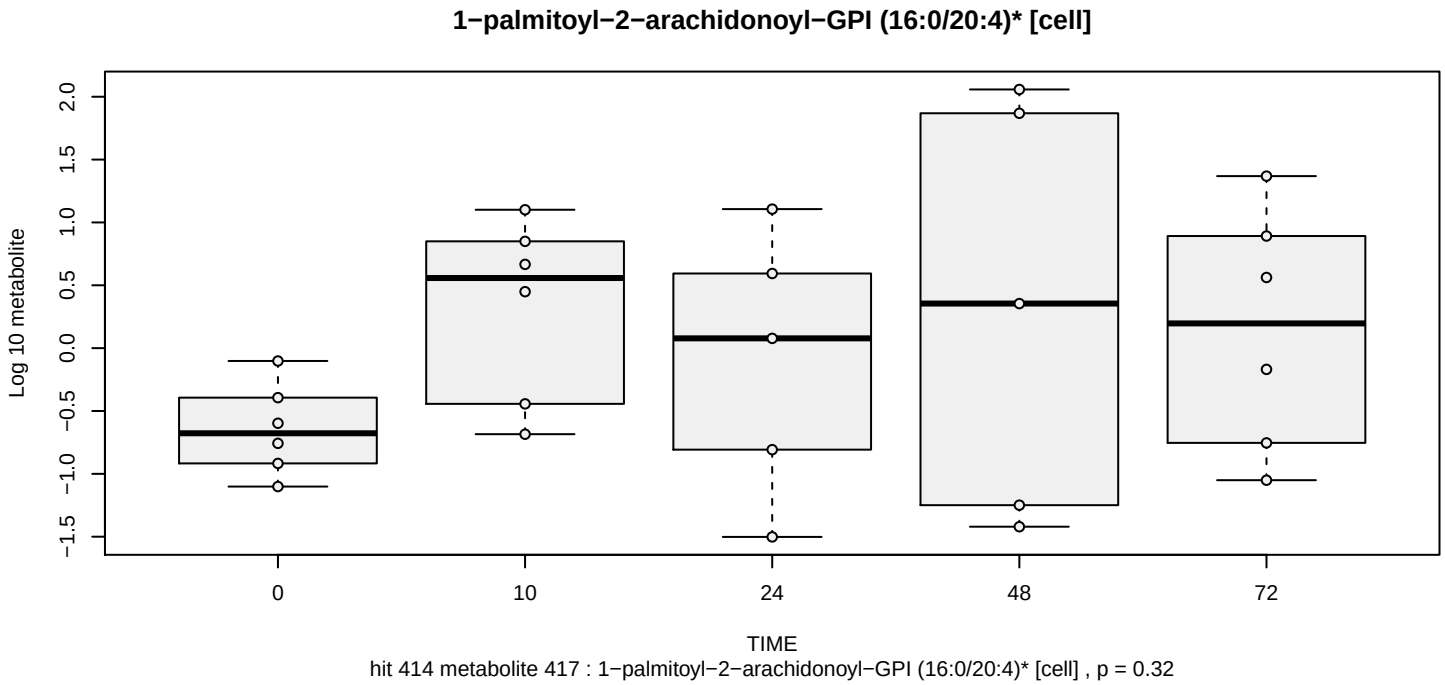
hit 411 metabolite 414 : 1−palmitoleoyl−GPC (16:1)* [cell] , p = 0.02



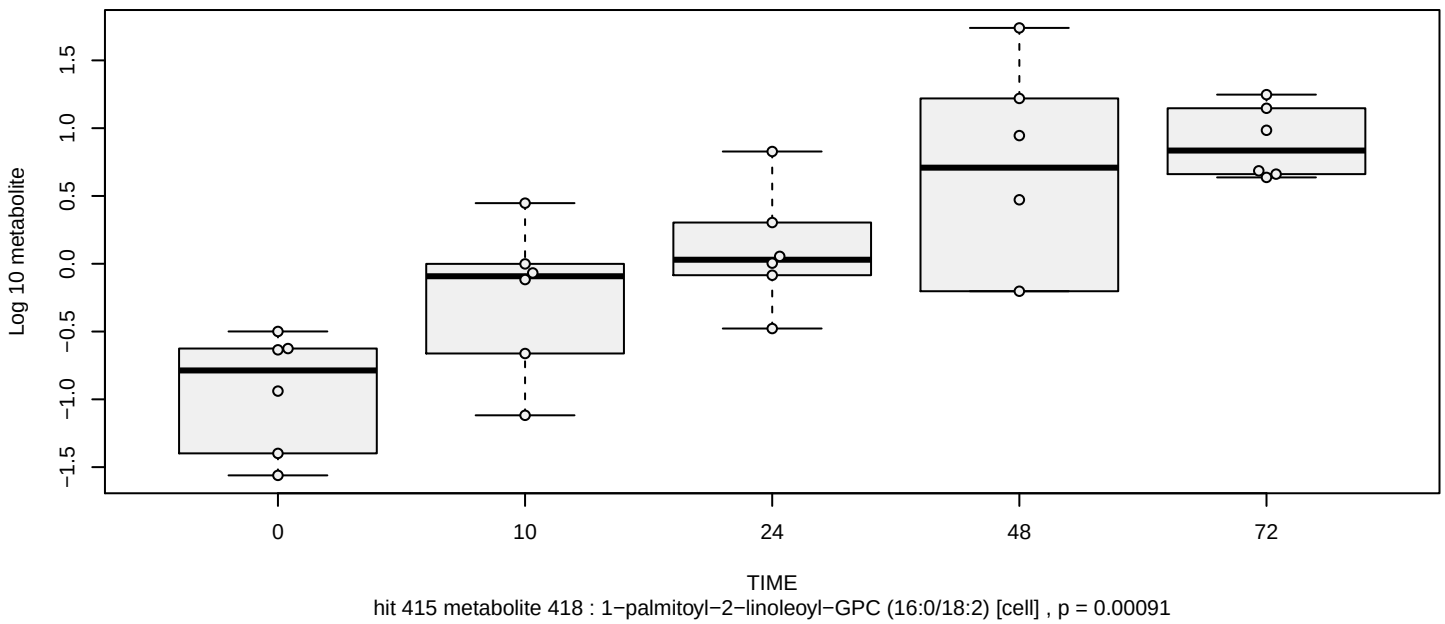
hit 412 metabolite 415 : 1−palmitoyl−2−arachidonoyl−GPC (16:0/20:4) [cell] , p = 0.21



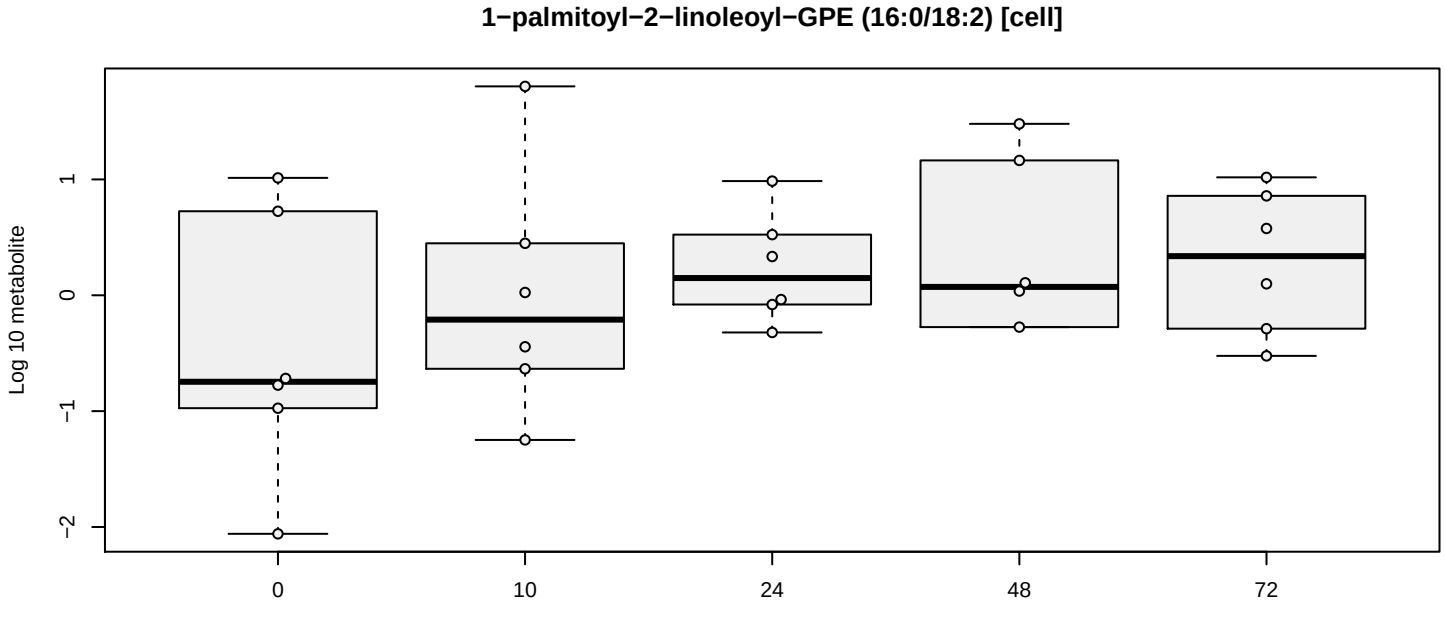
hit 413 metabolite 416 : 1−palmitoyl−2−arachidonoyl−GPE (16:0/20:4)* [cell] , p = 0.17



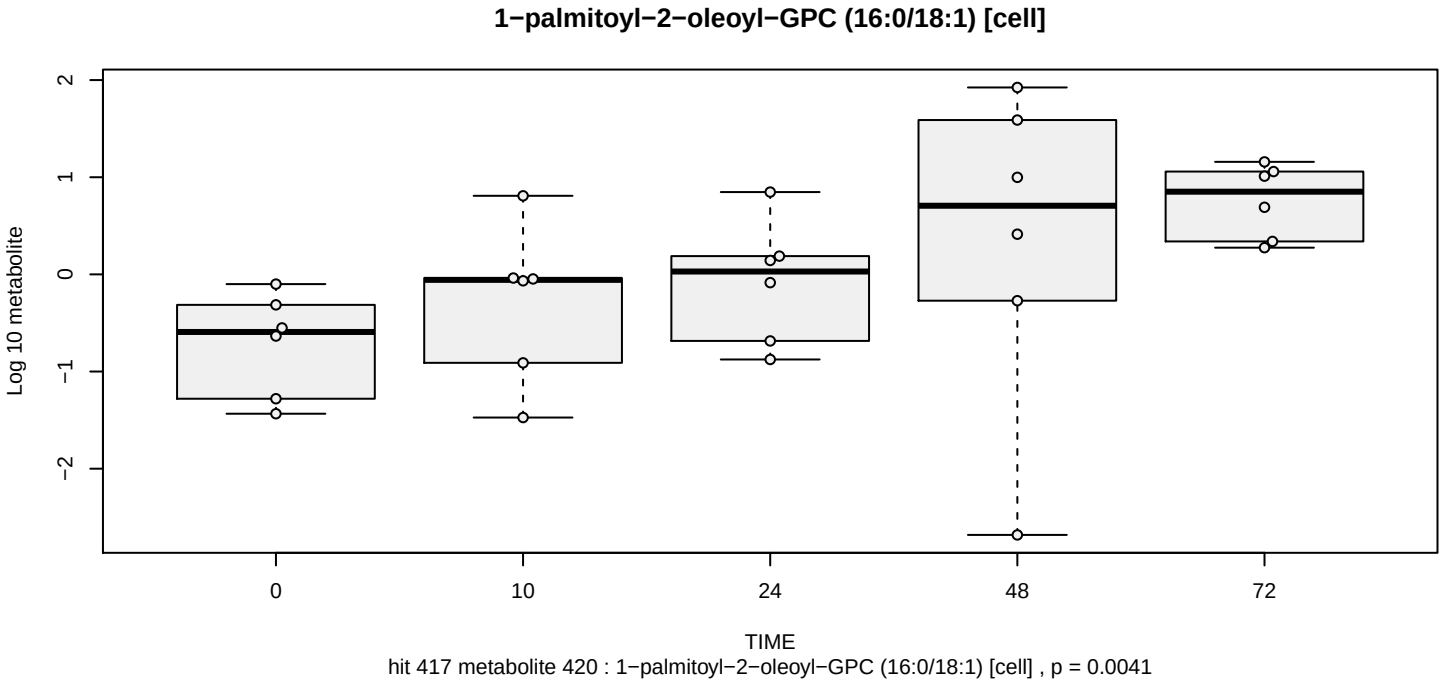
hit 414 metabolite 417 : 1−palmitoyl−2−arachidonoyl−GPI (16:0/20:4)* [cell] , p = 0.32



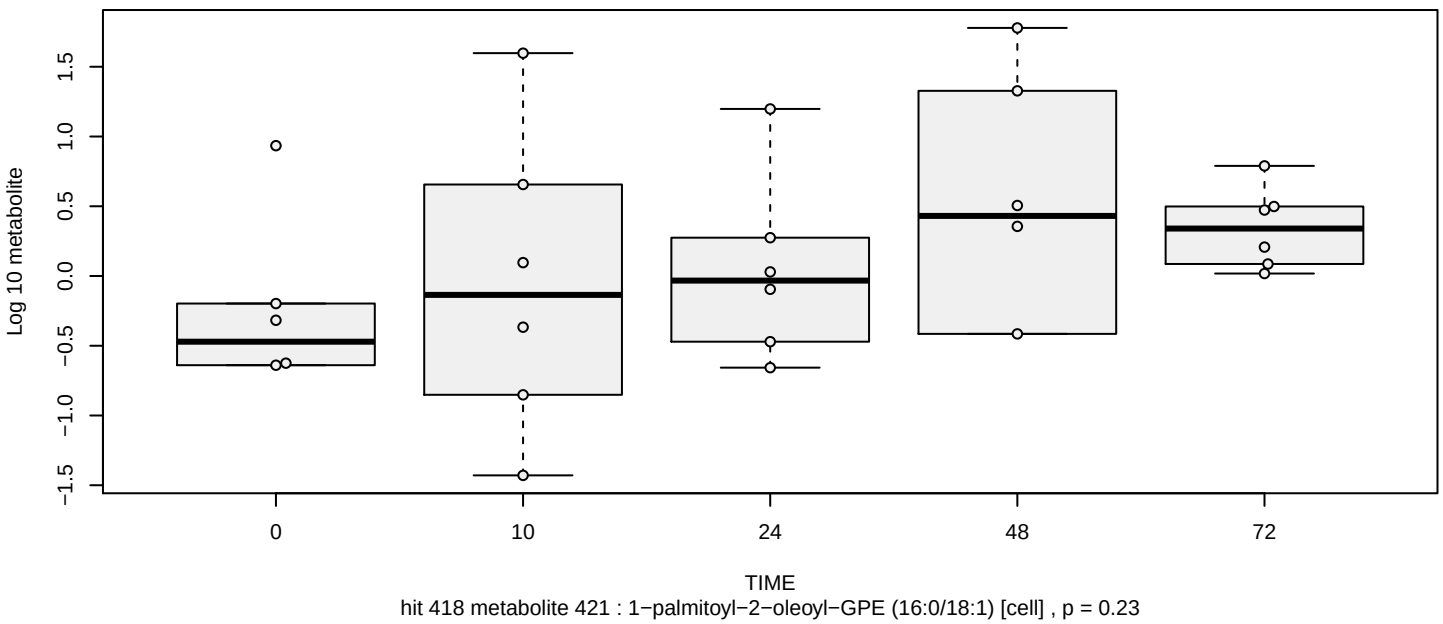
hit 415 metabolite 418 : 1−palmitoyl−2−linoleoyl−GPC (16:0/18:2) [cell] , p = 0.00091



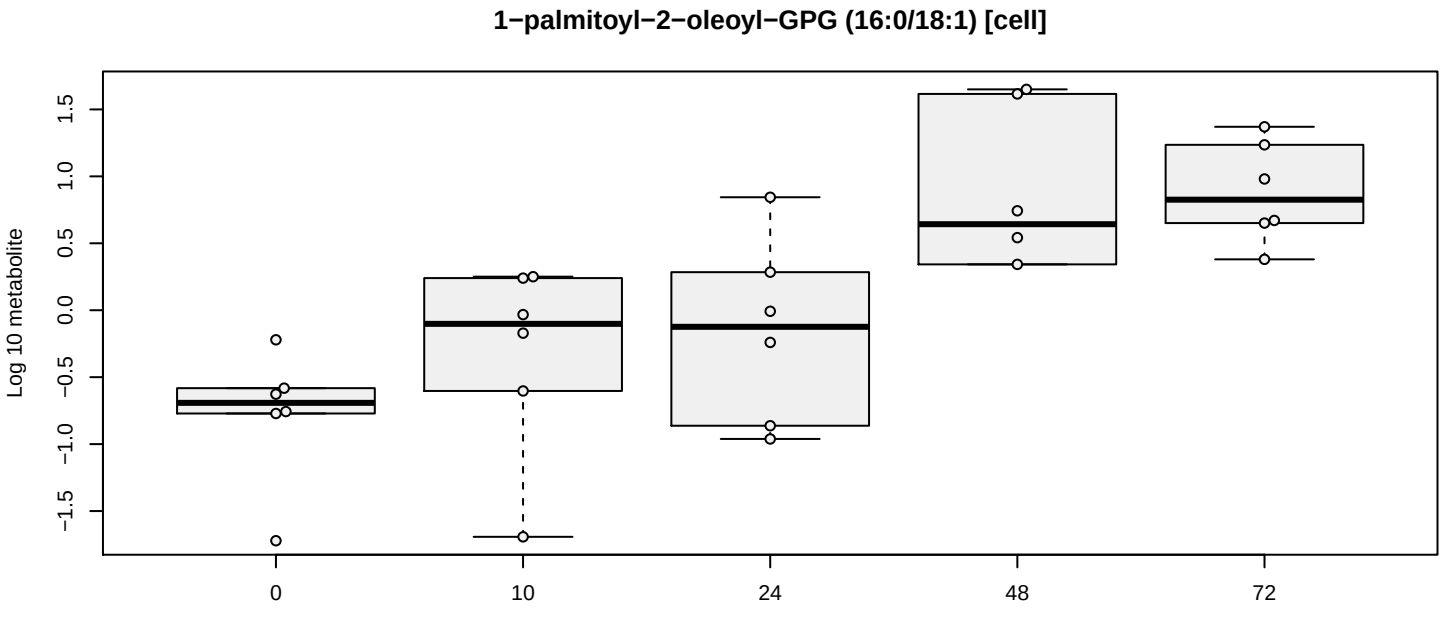
hit 416 metabolite 419 : 1−palmitoyl−2−linoleoyl−GPE (16:0/18:2) [cell] , p = 0.32



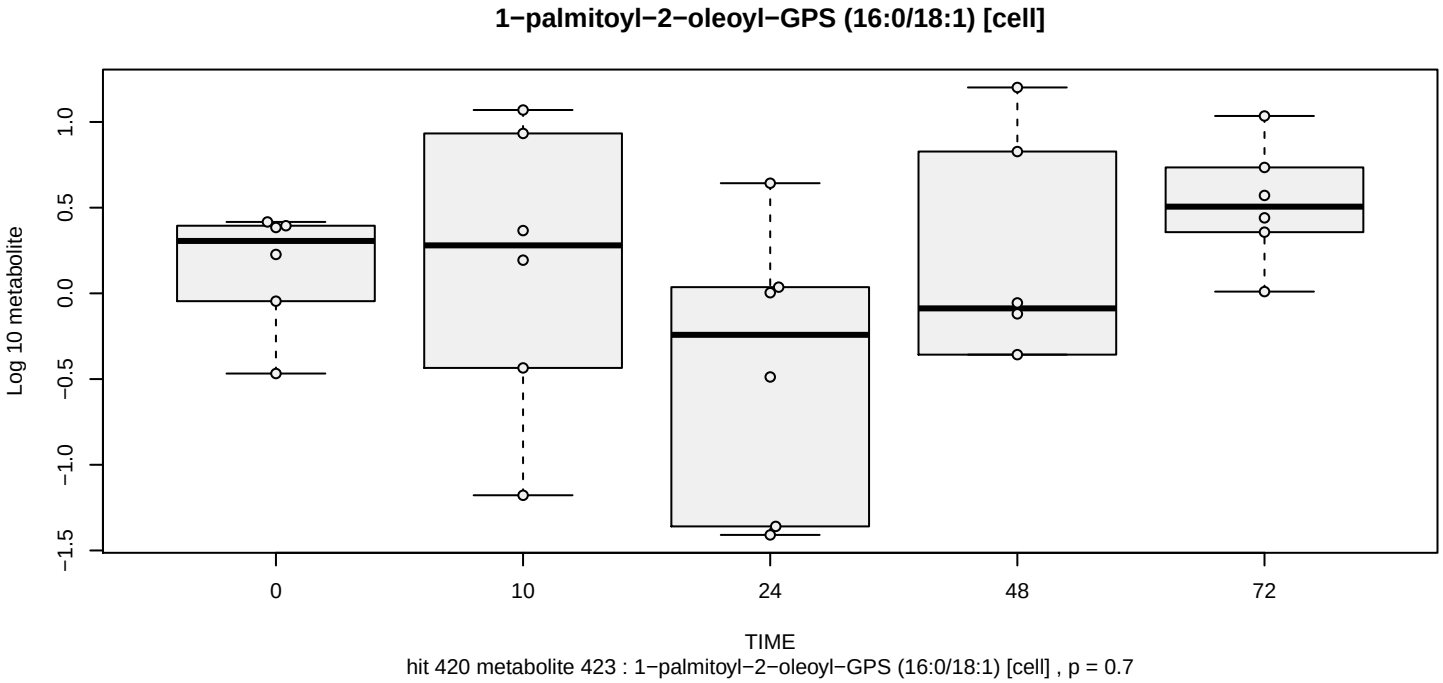
hit 417 metabolite 420 : 1−palmitoyl−2−oleoyl−GPC (16:0/18:1) [cell] , p = 0.0041



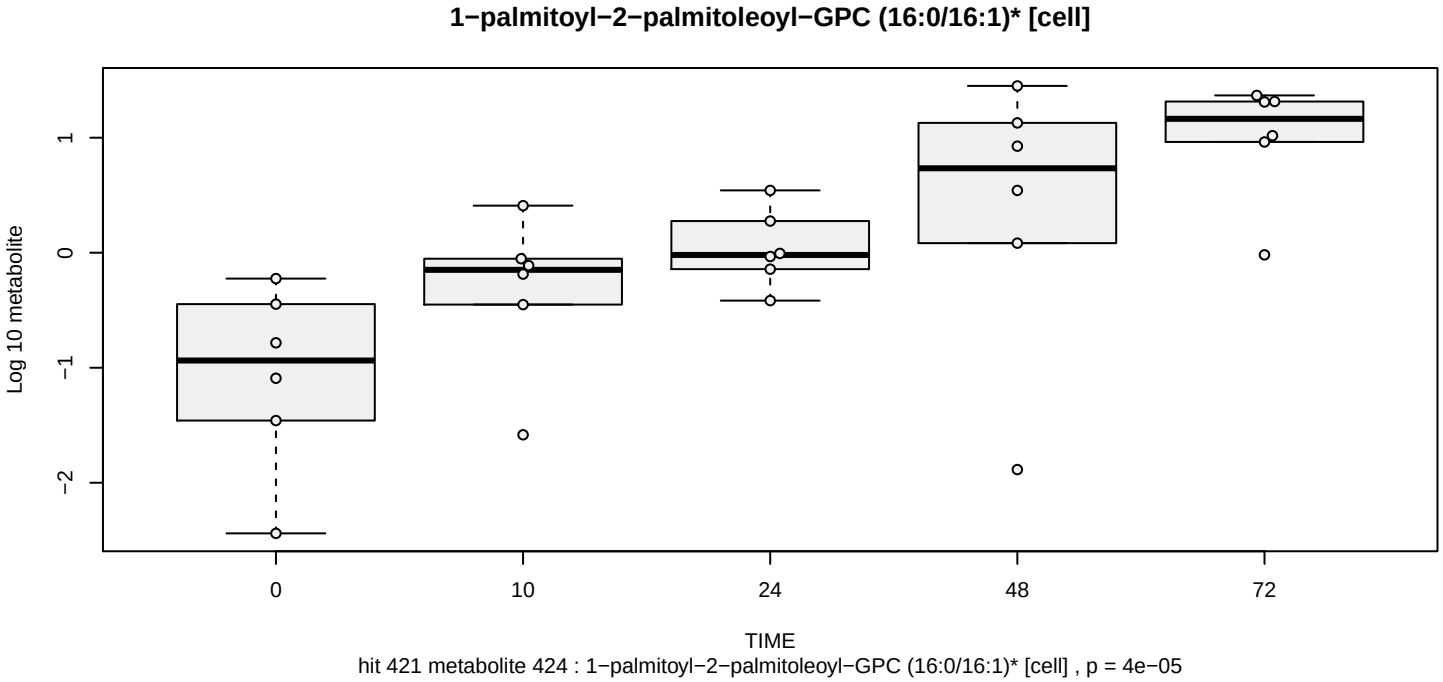
hit 418 metabolite 421 : 1−palmitoyl−2−oleoyl−GPE (16:0/18:1) [cell] , p = 0.23



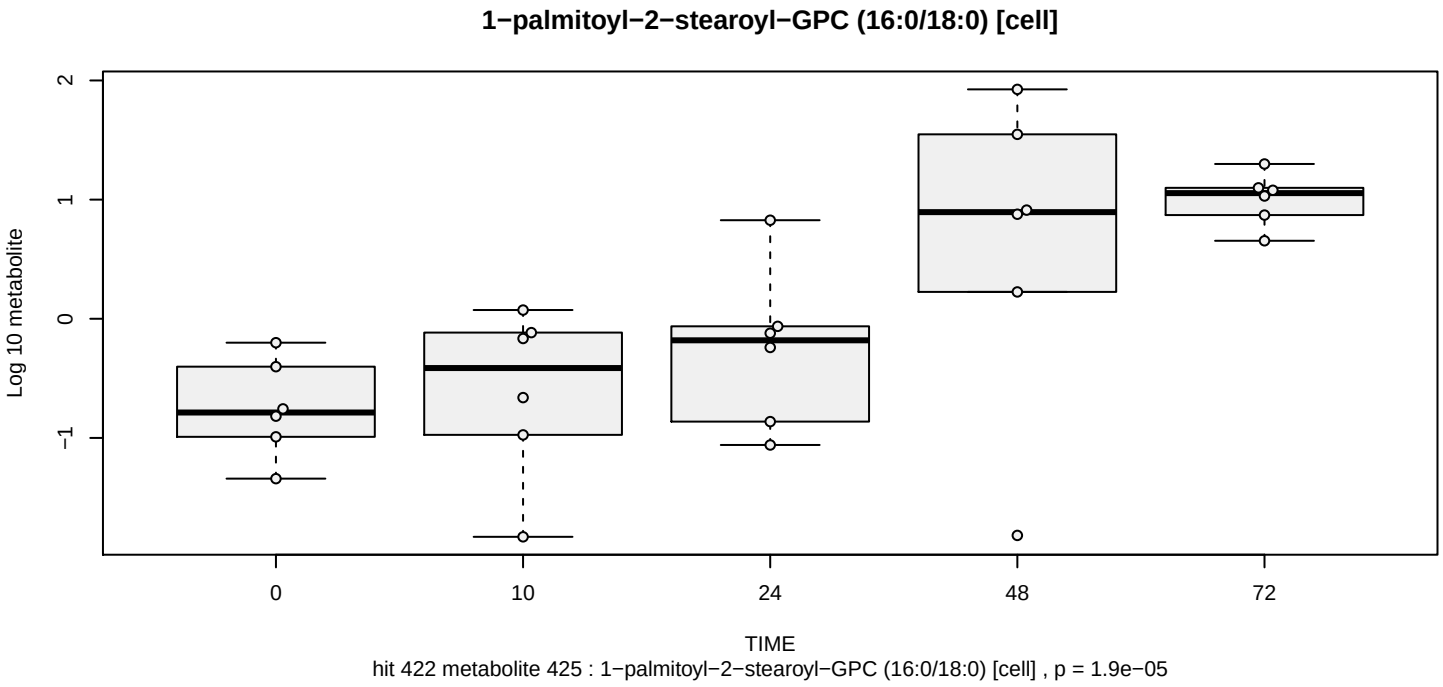
hit 419 metabolite 422 : 1−palmitoyl−2−oleoyl−GPG (16:0/18:1) [cell] , p = 0.00071



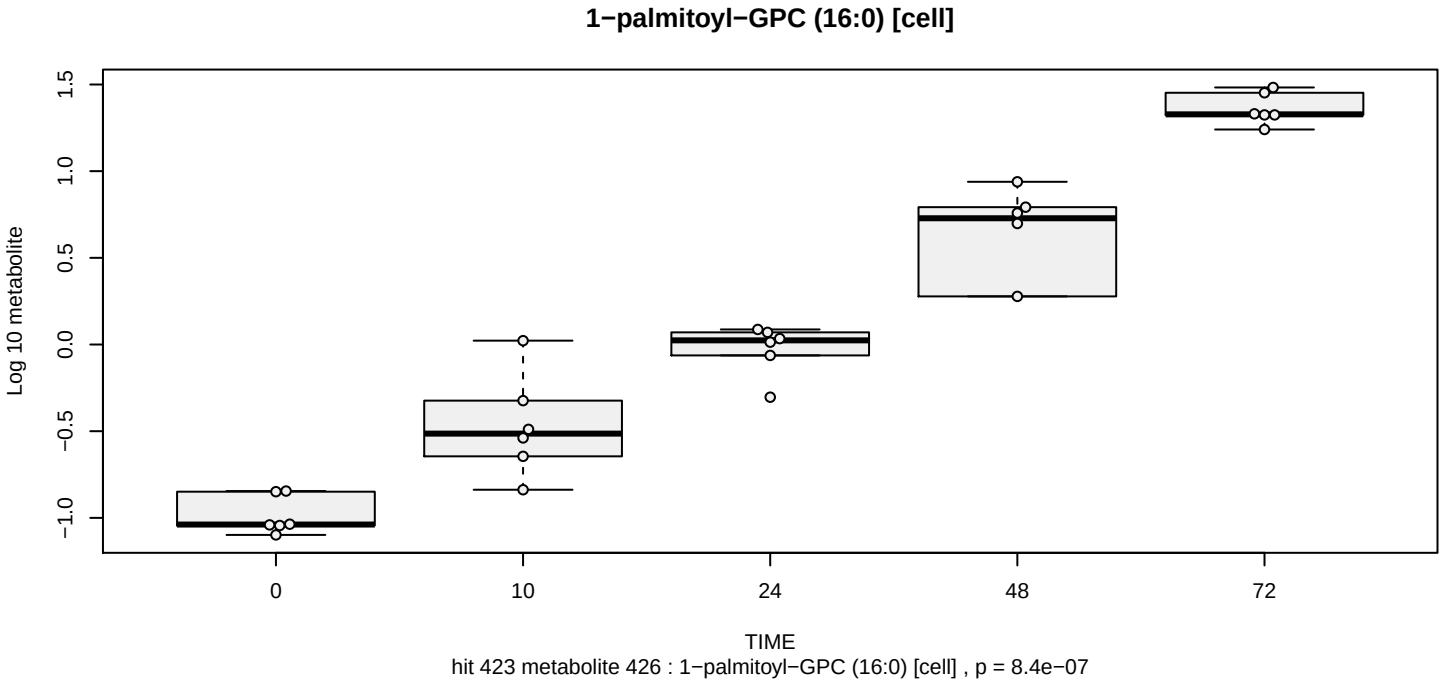
hit 420 metabolite 423 : 1−palmitoyl−2−oleoyl−GPS (16:0/18:1) [cell] , p = 0.7



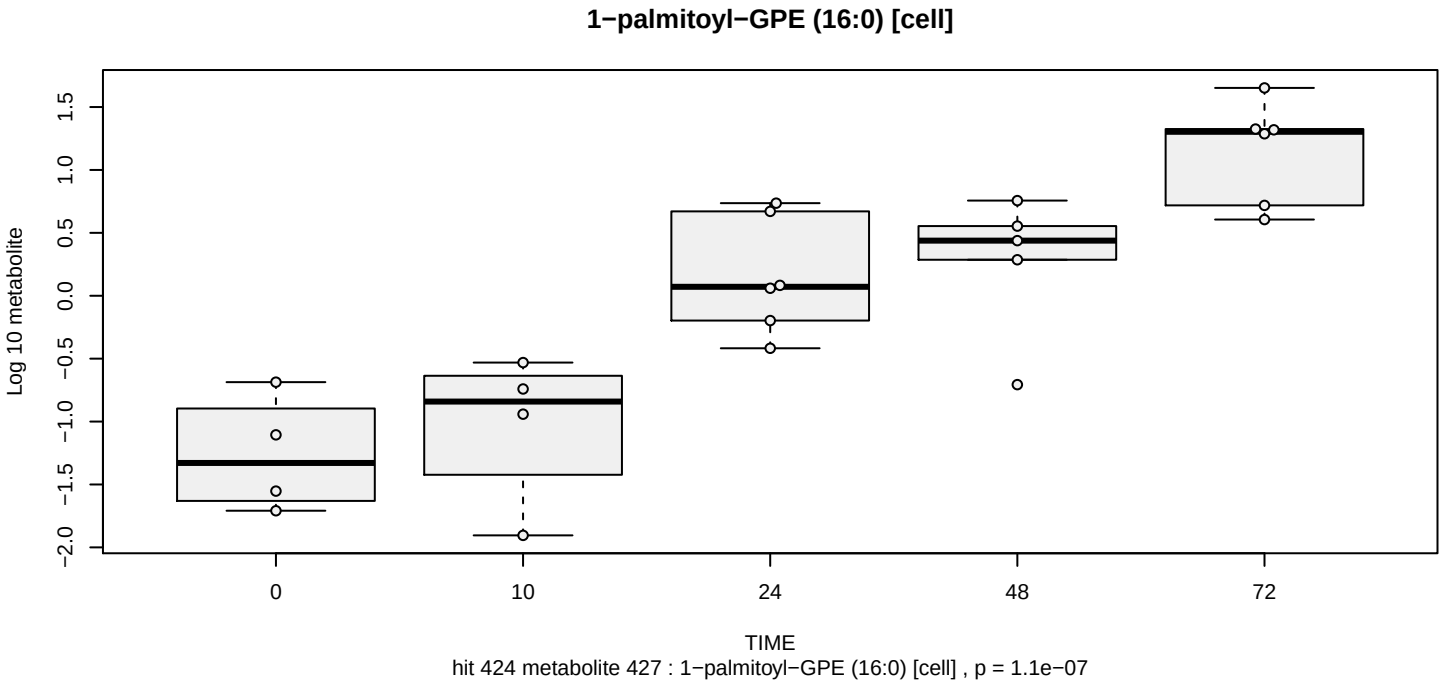
hit 421 metabolite 424 : 1−palmitoyl−2−palmitoleoyl−GPC (16:0/16:1)* [cell] , p = 4e−05



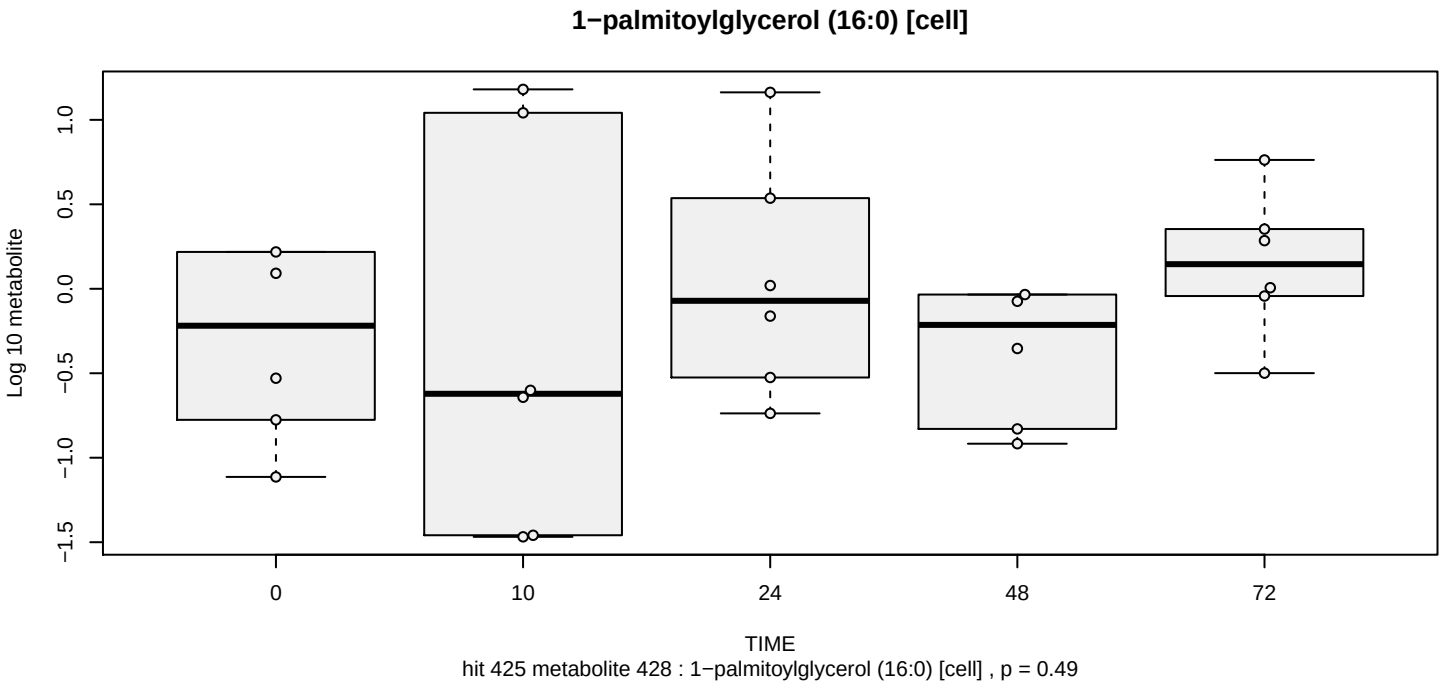
hit 422 metabolite 425 : 1−palmitoyl−2−stearoyl−GPC (16:0/18:0) [cell] , p = 1.9e−05



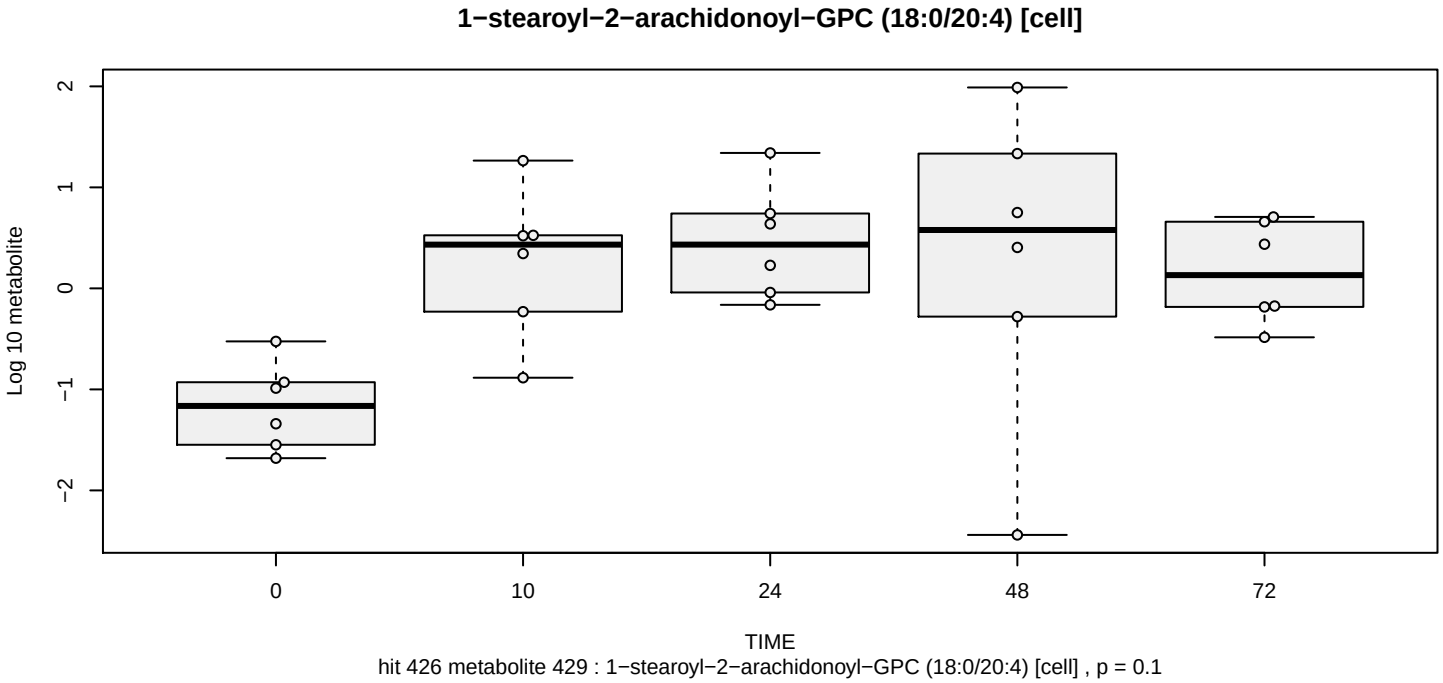
hit 423 metabolite 426 : 1−palmitoyl−GPC (16:0) [cell] , p = 8.4e−07



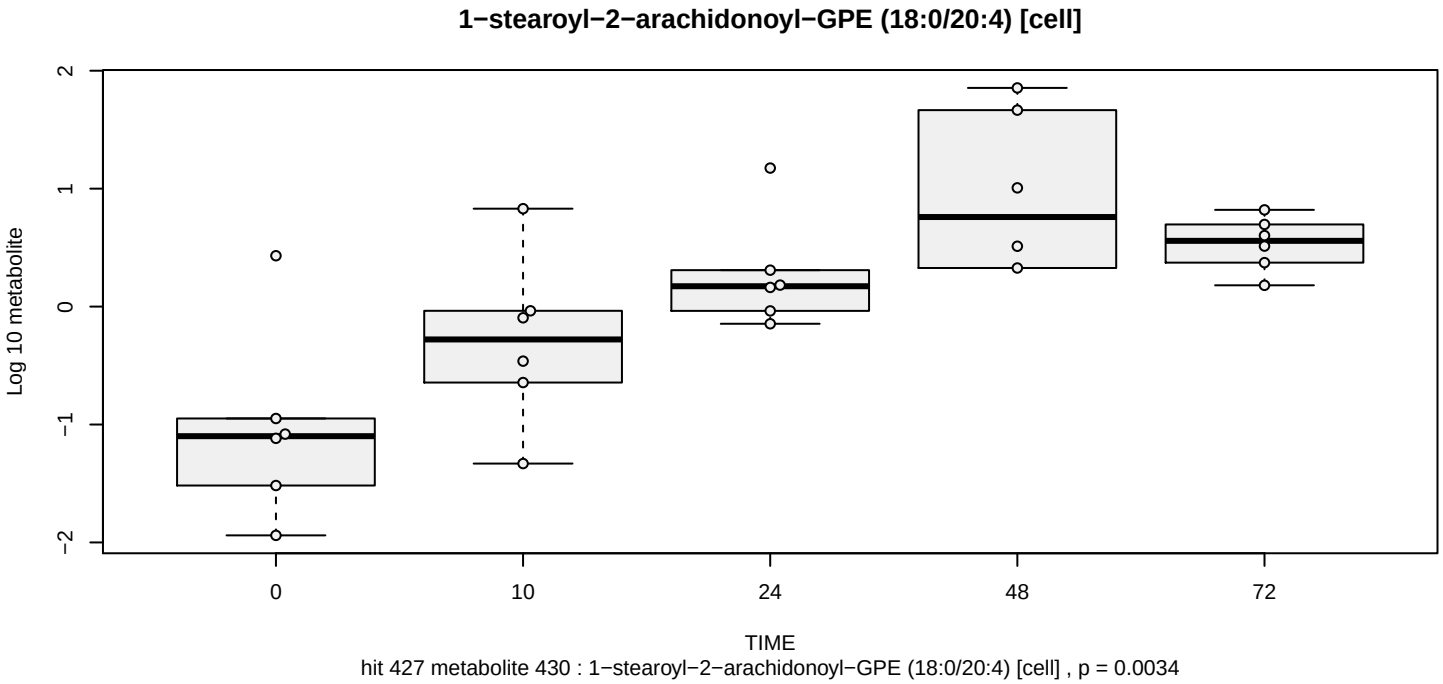
hit 424 metabolite 427 : 1−palmitoyl−GPE (16:0) [cell] , p = 1.1e−07



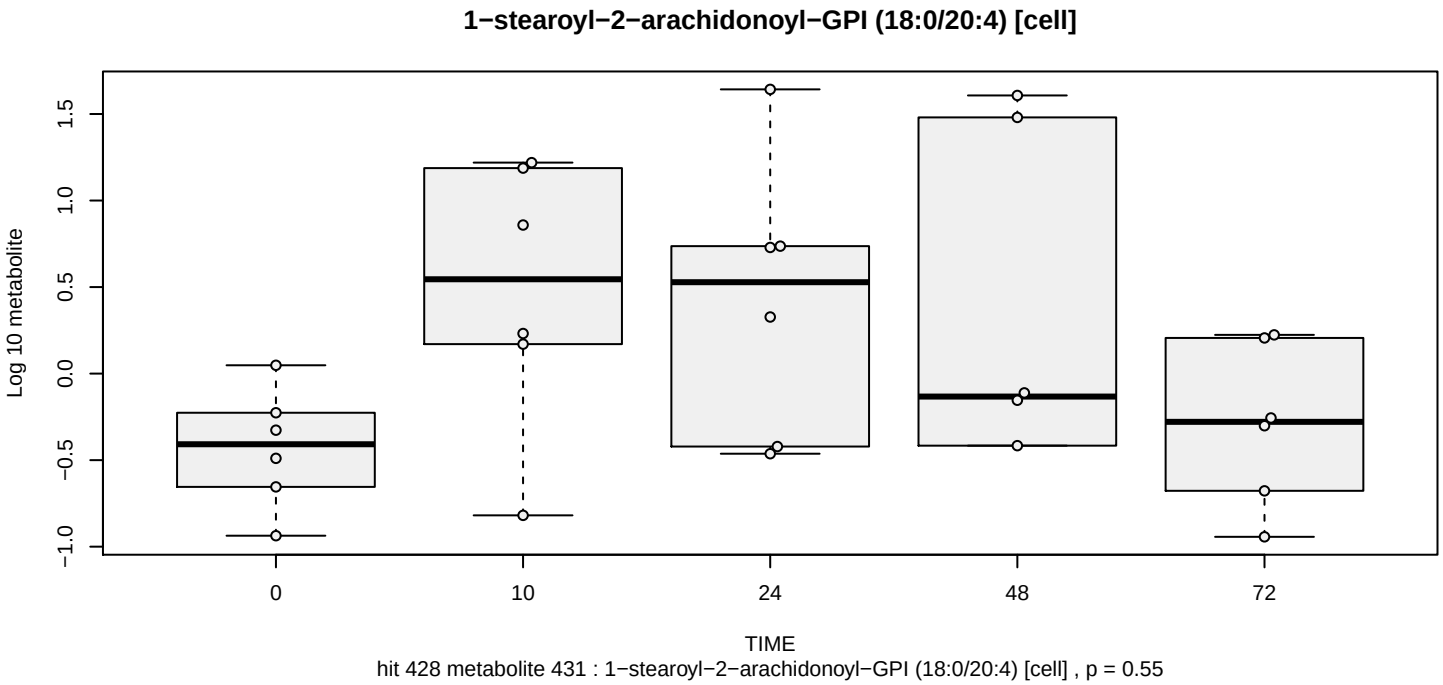
hit 425 metabolite 428 : 1−palmitoylglycerol (16:0) [cell] , p = 0.49



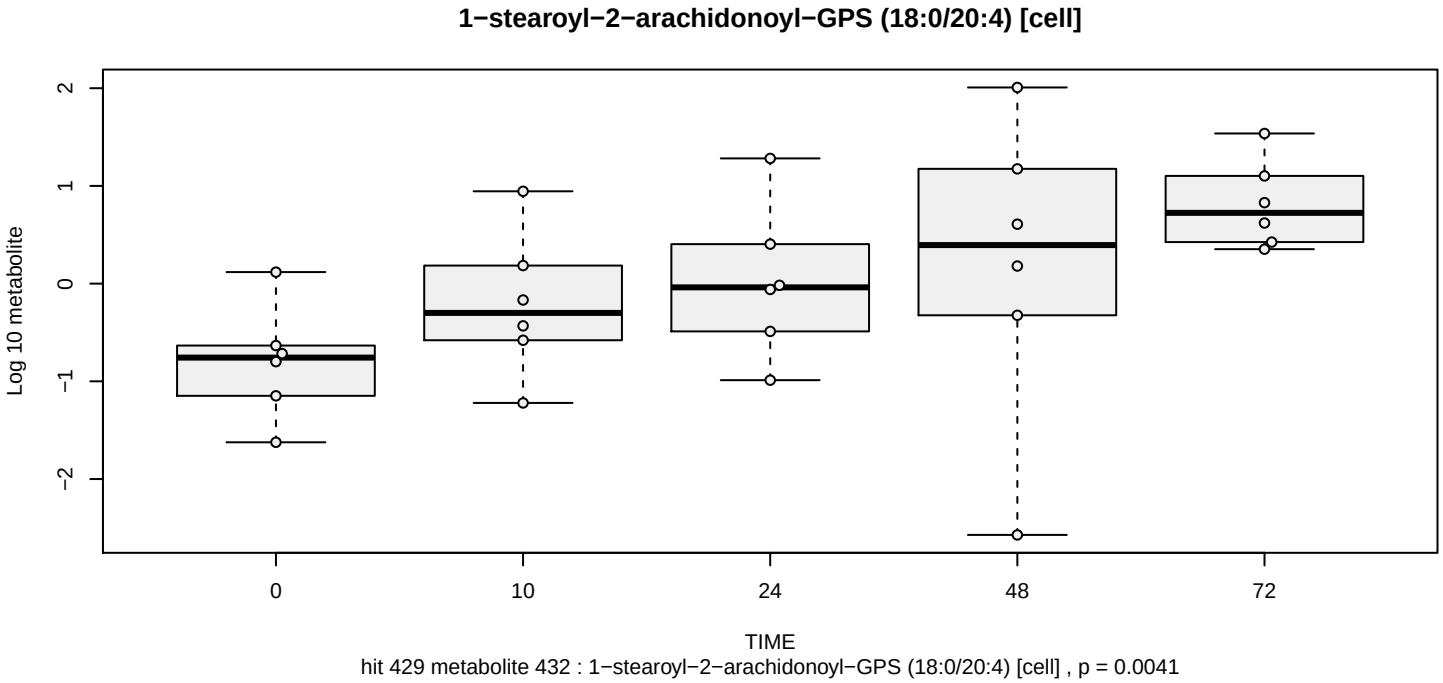
hit 426 metabolite 429 : 1−stearoyl−2−arachidonoyl−GPC (18:0/20:4) [cell] , p = 0.1



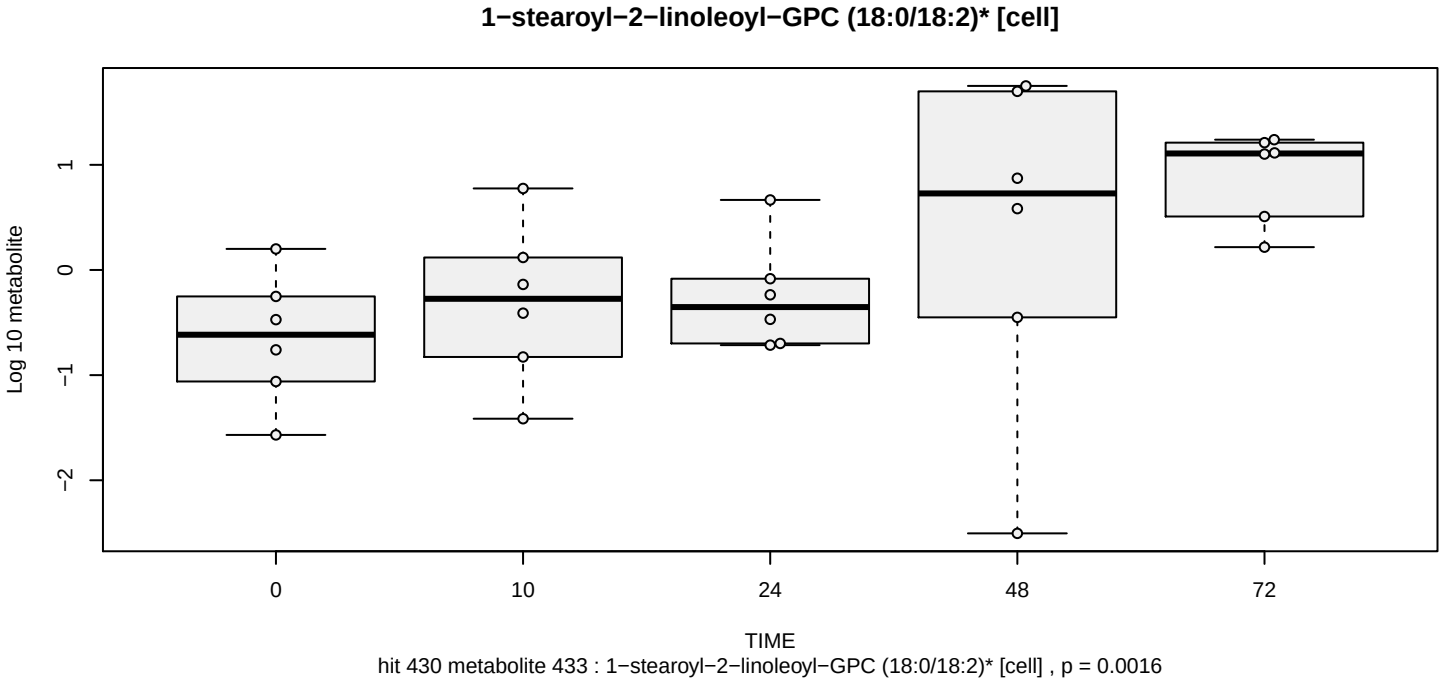
hit 427 metabolite 430 : 1−stearoyl−2−arachidonoyl−GPE (18:0/20:4) [cell] , p = 0.0034



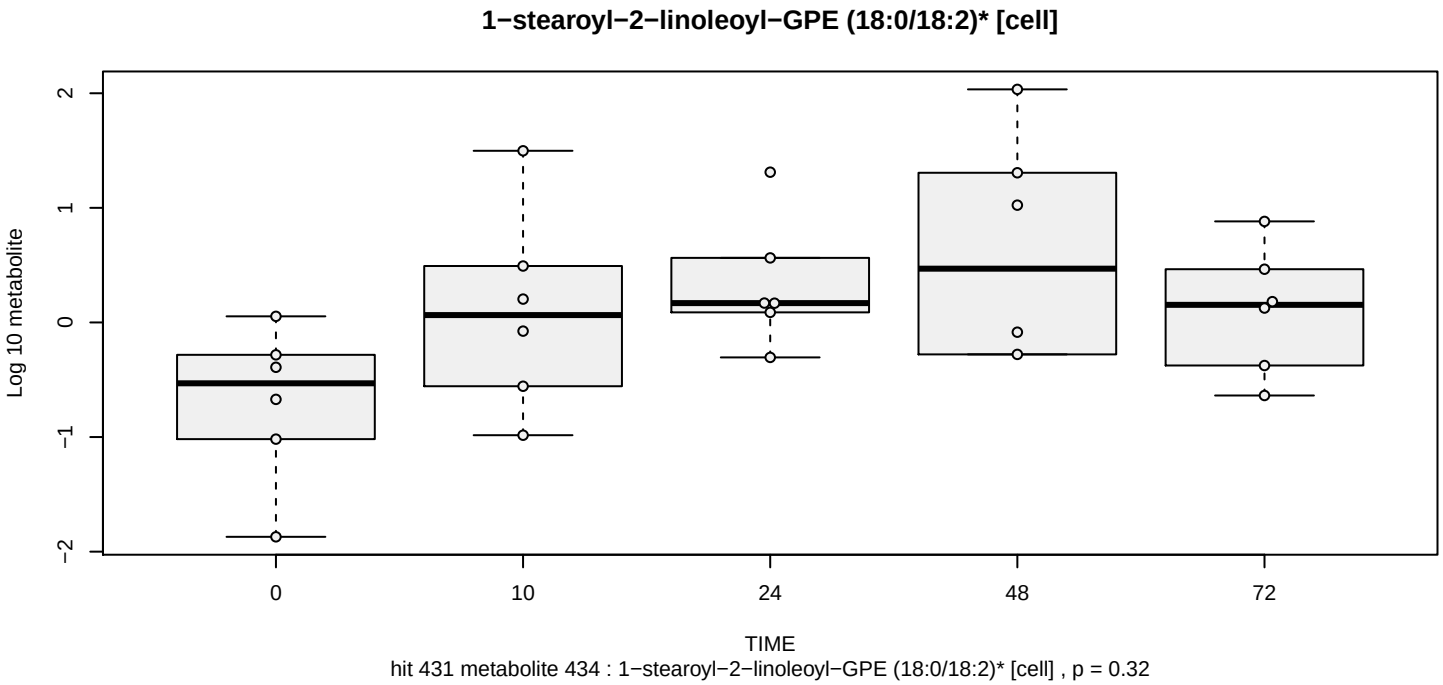
hit 428 metabolite 431 : 1−stearoyl−2−arachidonoyl−GPI (18:0/20:4) [cell] , p = 0.55



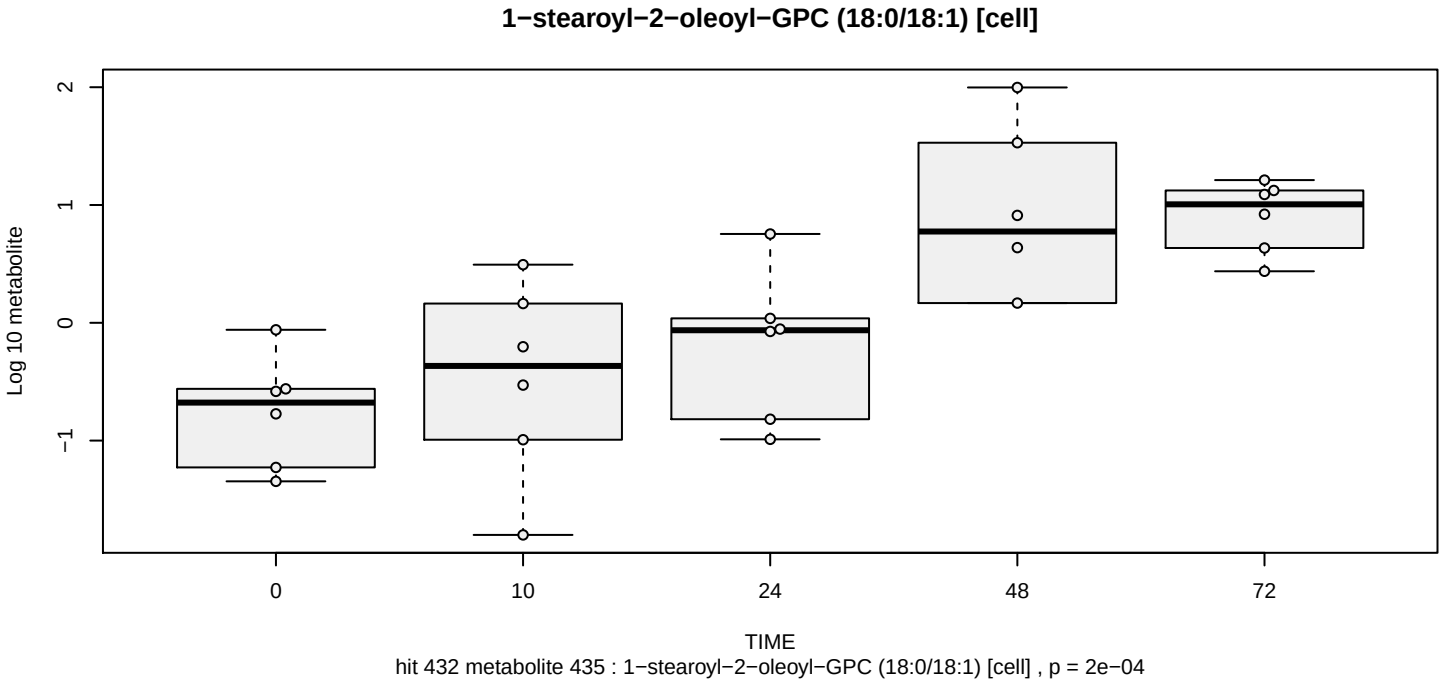
hit 429 metabolite 432 : 1−stearoyl−2−arachidonoyl−GPS (18:0/20:4) [cell] , p = 0.0041



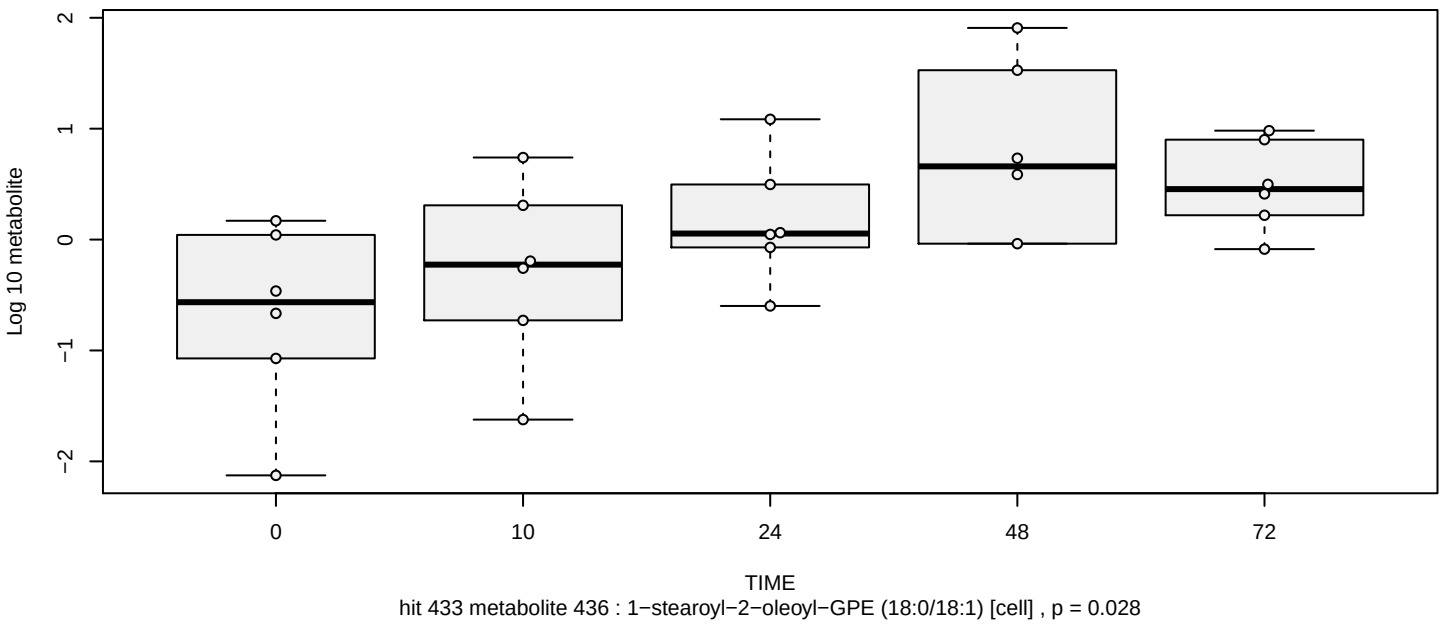
hit 430 metabolite 433 : 1−stearoyl−2−linoleoyl−GPC (18:0/18:2)* [cell] , p = 0.0016



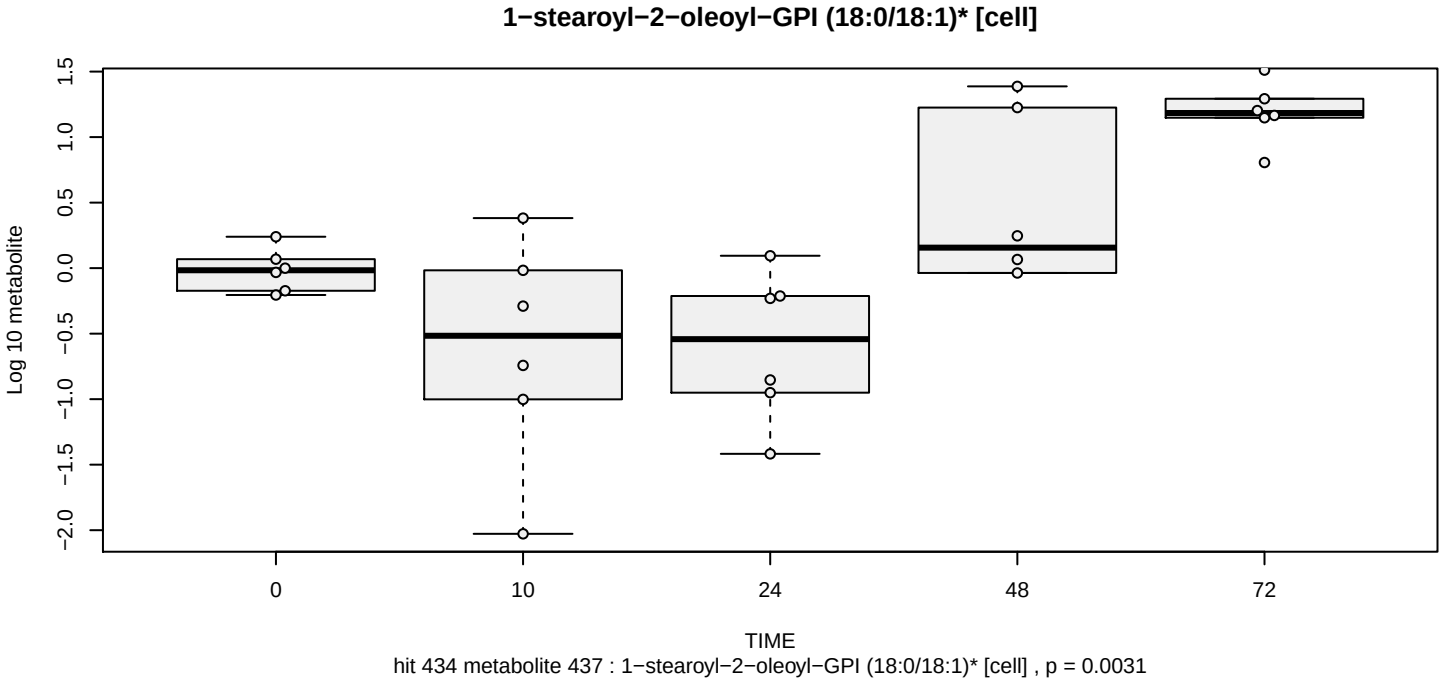
hit 431 metabolite 434 : 1−stearoyl−2−linoleoyl−GPE (18:0/18:2)* [cell] , p = 0.32



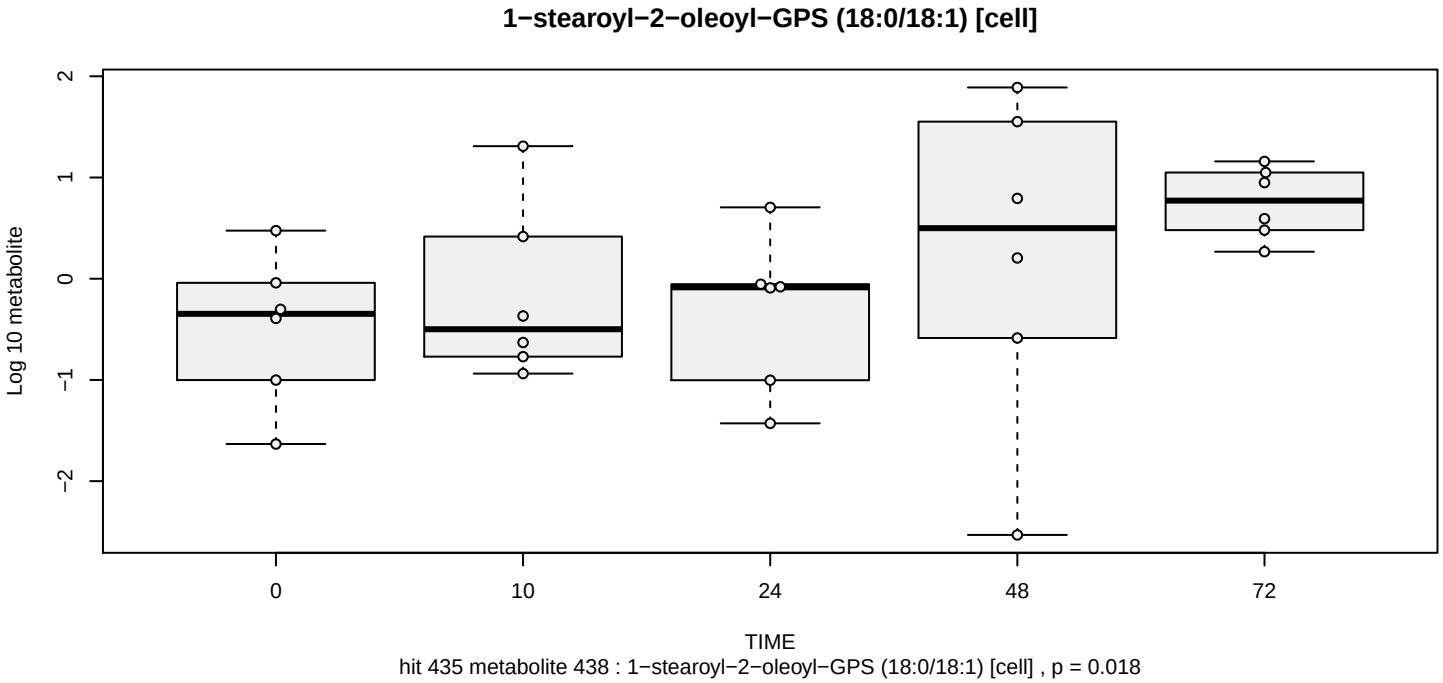
hit 432 metabolite 435 : 1−stearoyl−2−oleoyl−GPC (18:0/18:1) [cell] , p = 2e−04



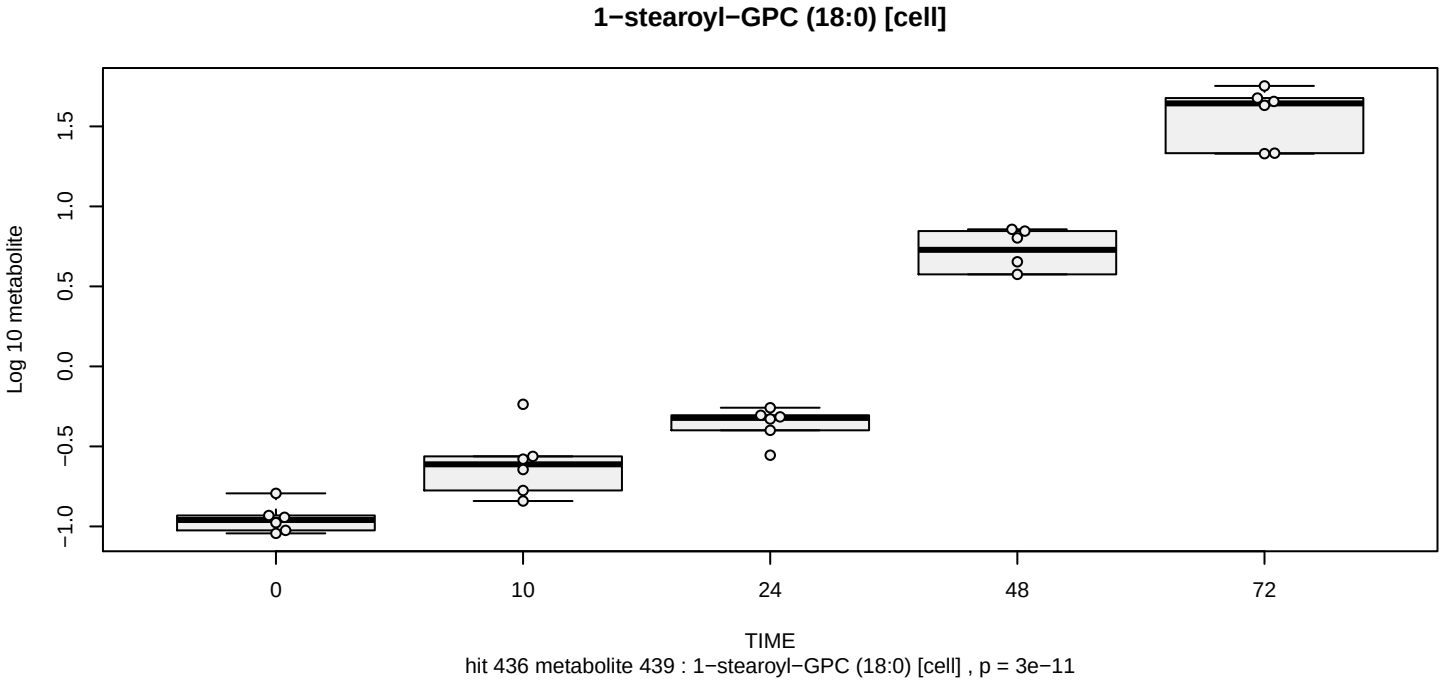
hit 433 metabolite 436 : 1−stearoyl−2−oleoyl−GPE (18:0/18:1) [cell] , p = 0.028



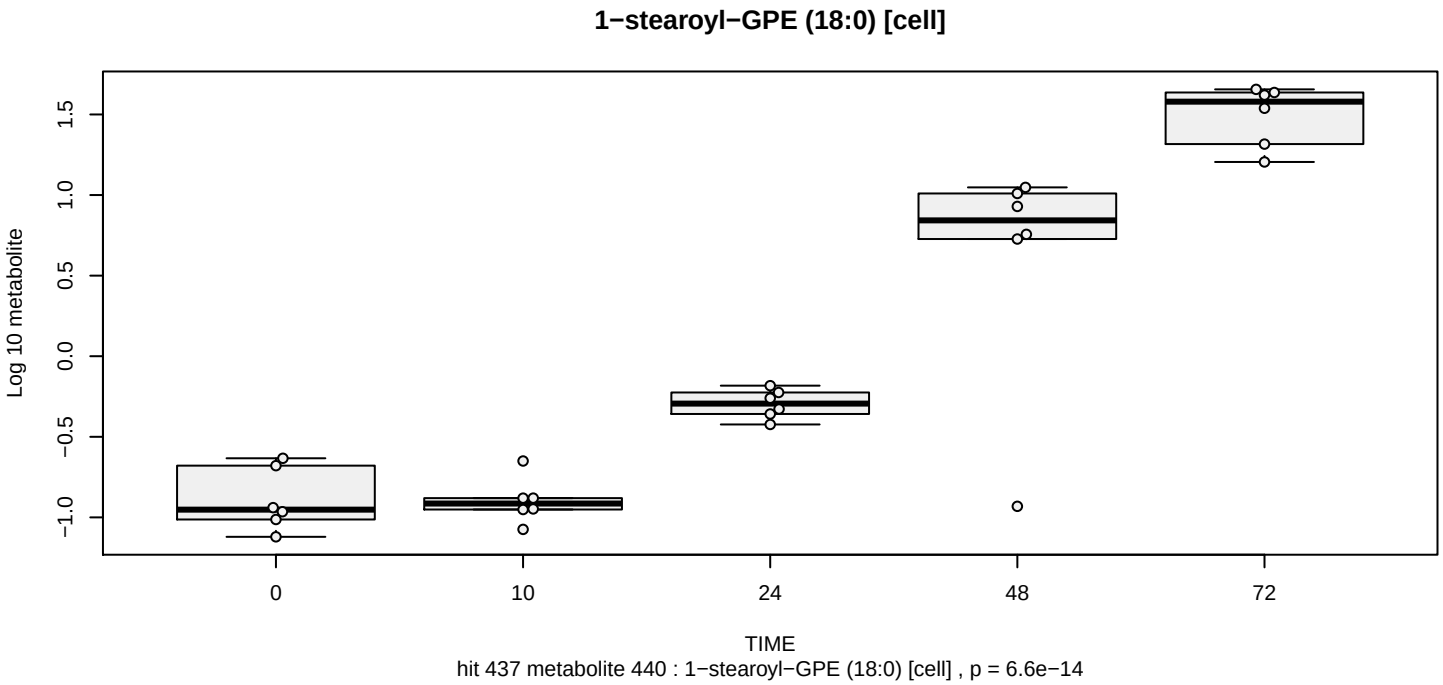
hit 434 metabolite 437 : 1−stearoyl−2−oleoyl−GPI (18:0/18:1)* [cell] , p = 0.0031



hit 435 metabolite 438 : 1−stearoyl−2−oleoyl−GPS (18:0/18:1) [cell] , p = 0.018

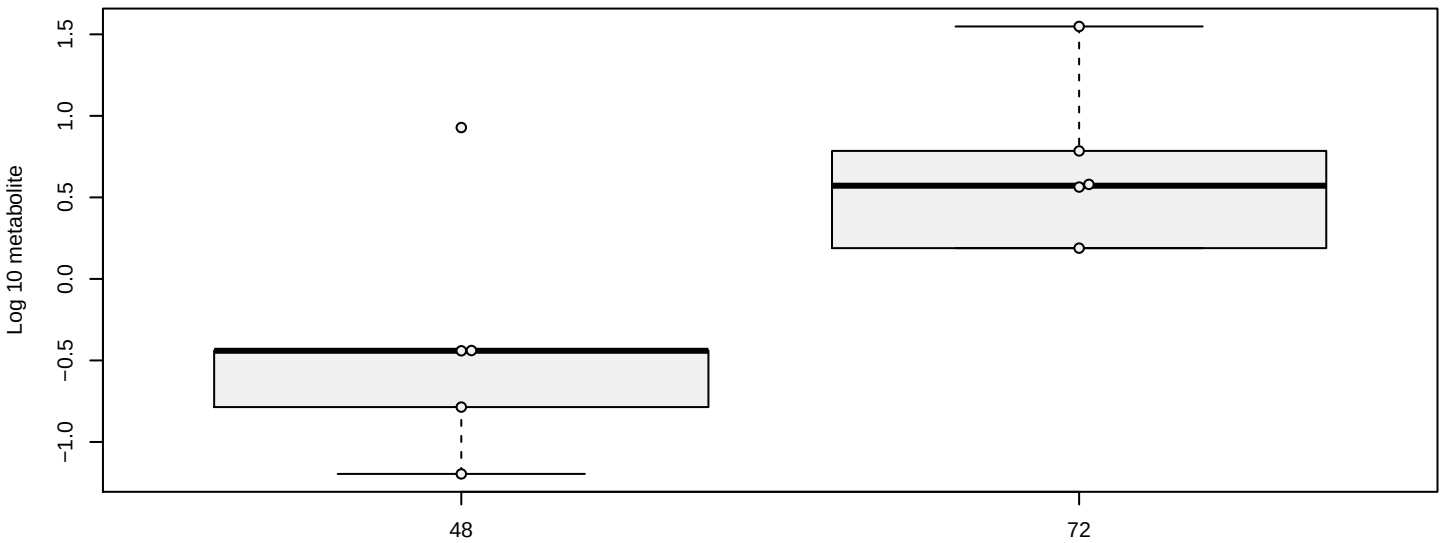


hit 436 metabolite 439 : 1−stearoyl−GPC (18:0) [cell] , p = 3e−11



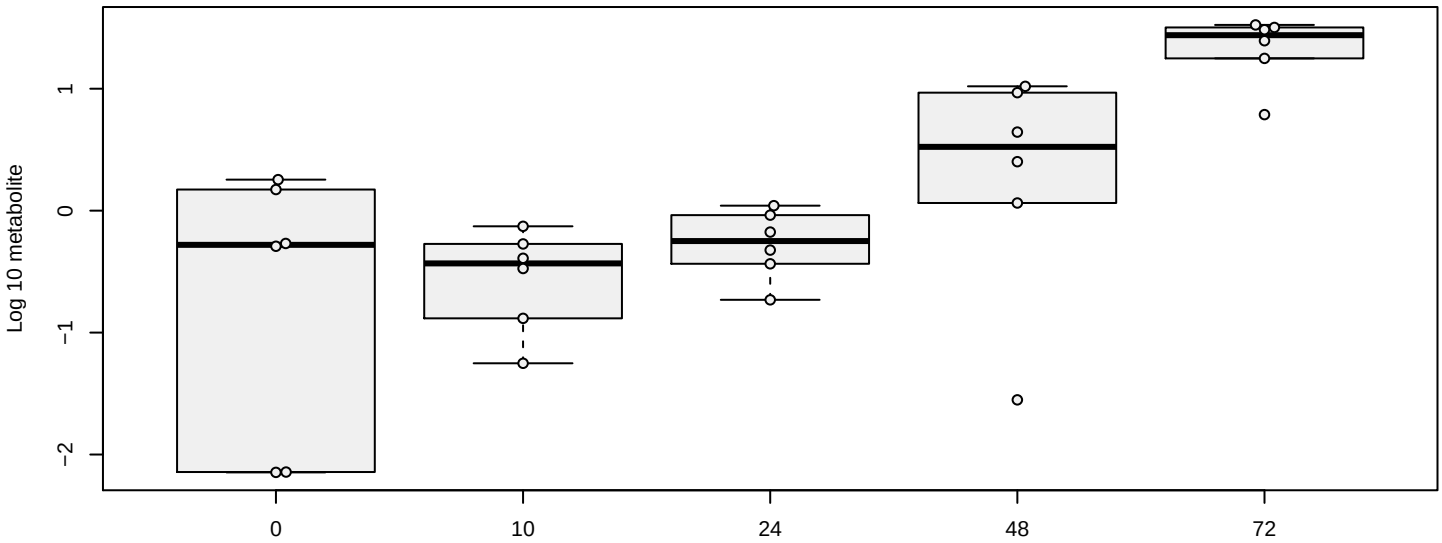
hit 437 metabolite 440 : 1−stearoyl−GPE (18:0) [cell] , p = 6.6e−14

1−stearoyl−GPG (18:0) [cell]



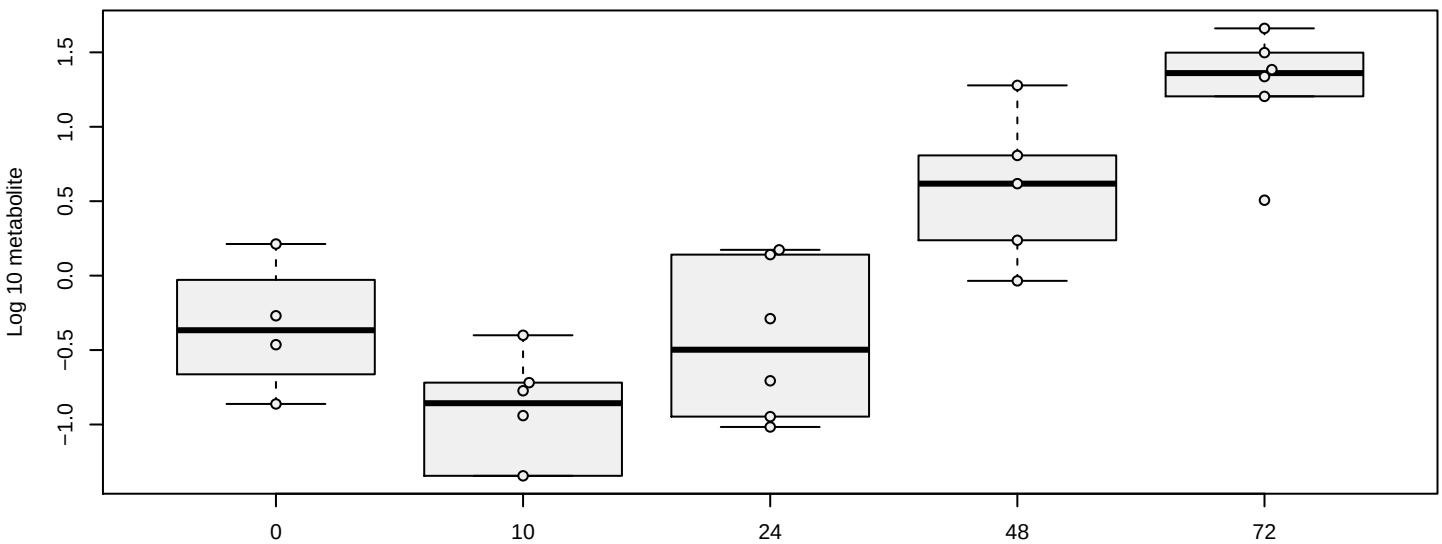
hit 438 metabolite 441 : 1−stearoyl−GPG (18:0) [cell] , p = 0.26

1−stearoyl−GPI (18:0) [cell]

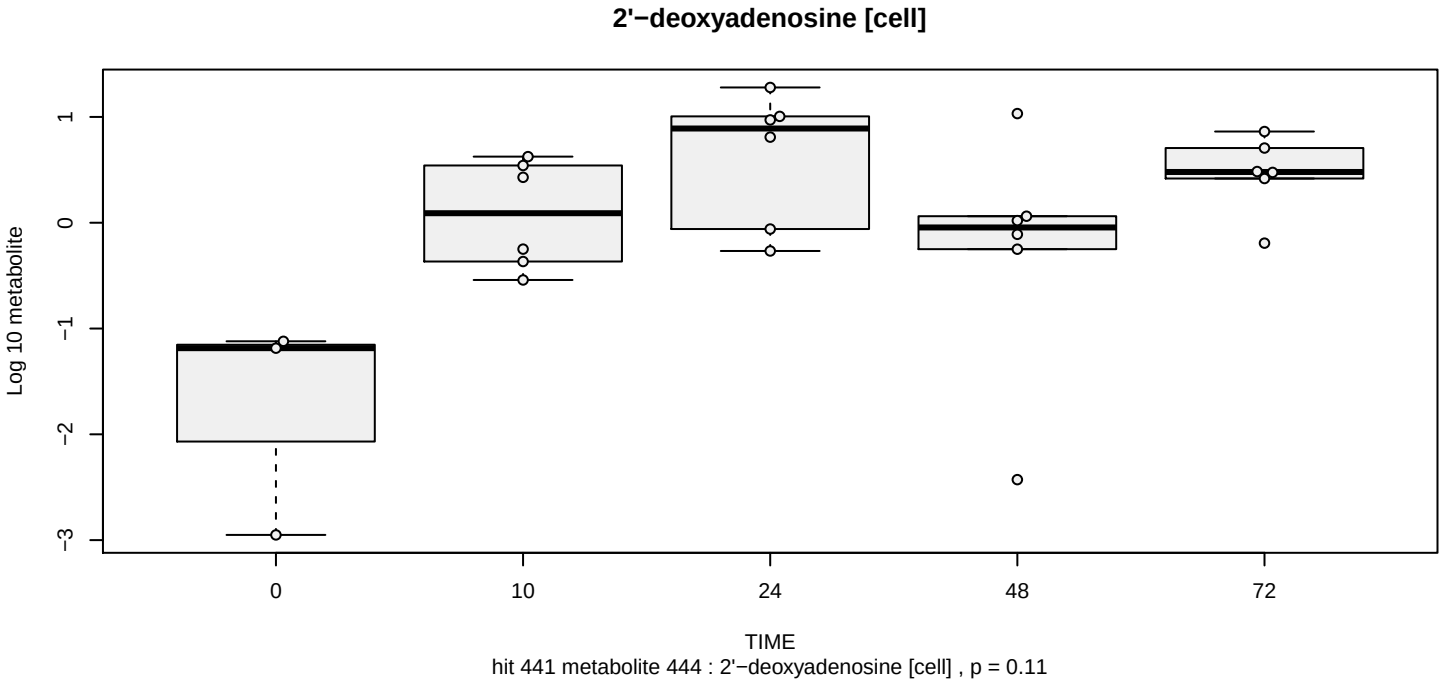


hit 439 metabolite 442 : 1−stearoyl−GPI (18:0) [cell] , p = 2.8e−06

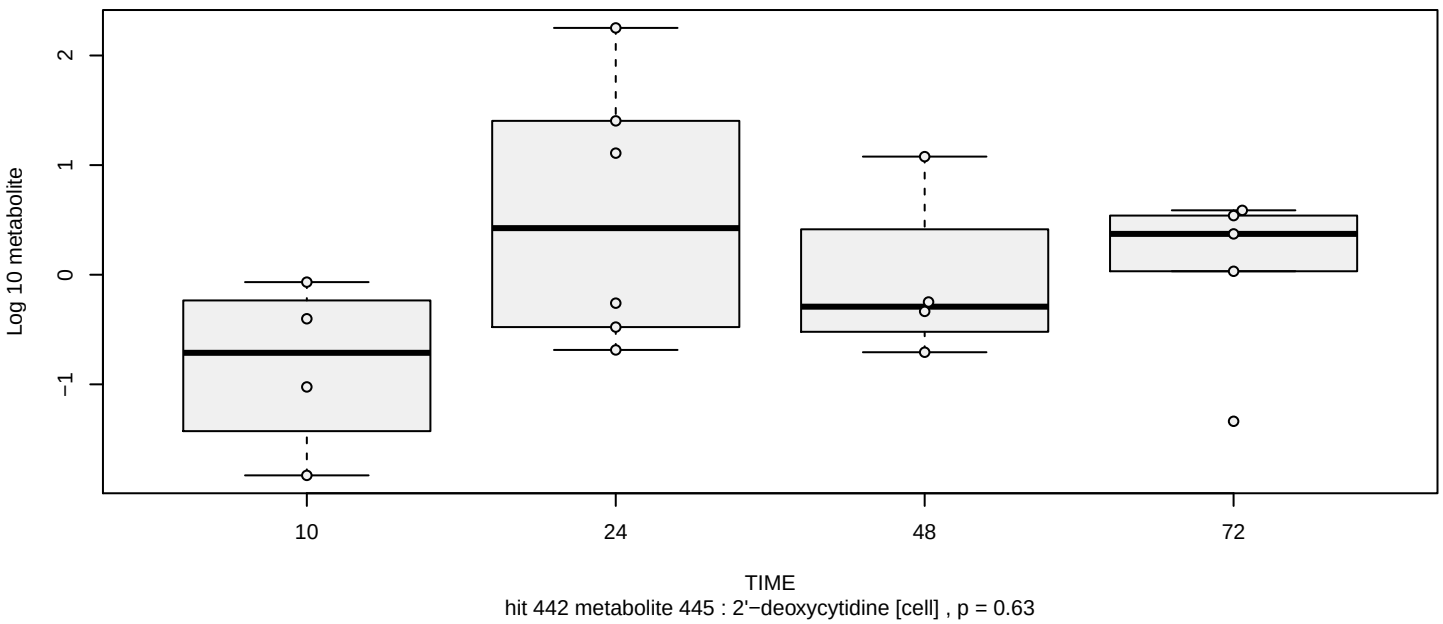
1−stearoyl−GPS (18:0)* [cell]



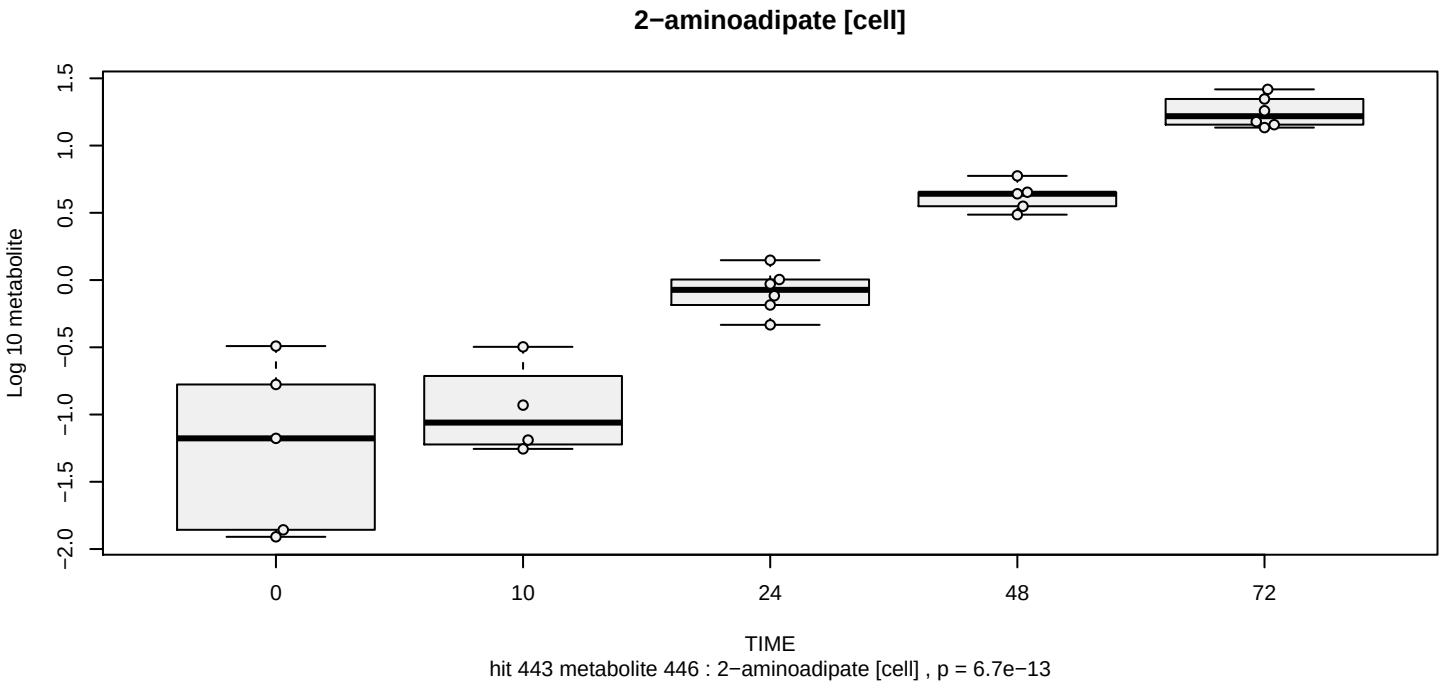
hit 440 metabolite 443 : 1−stearoyl−GPS (18:0)* [cell] , p = 3.1e−07



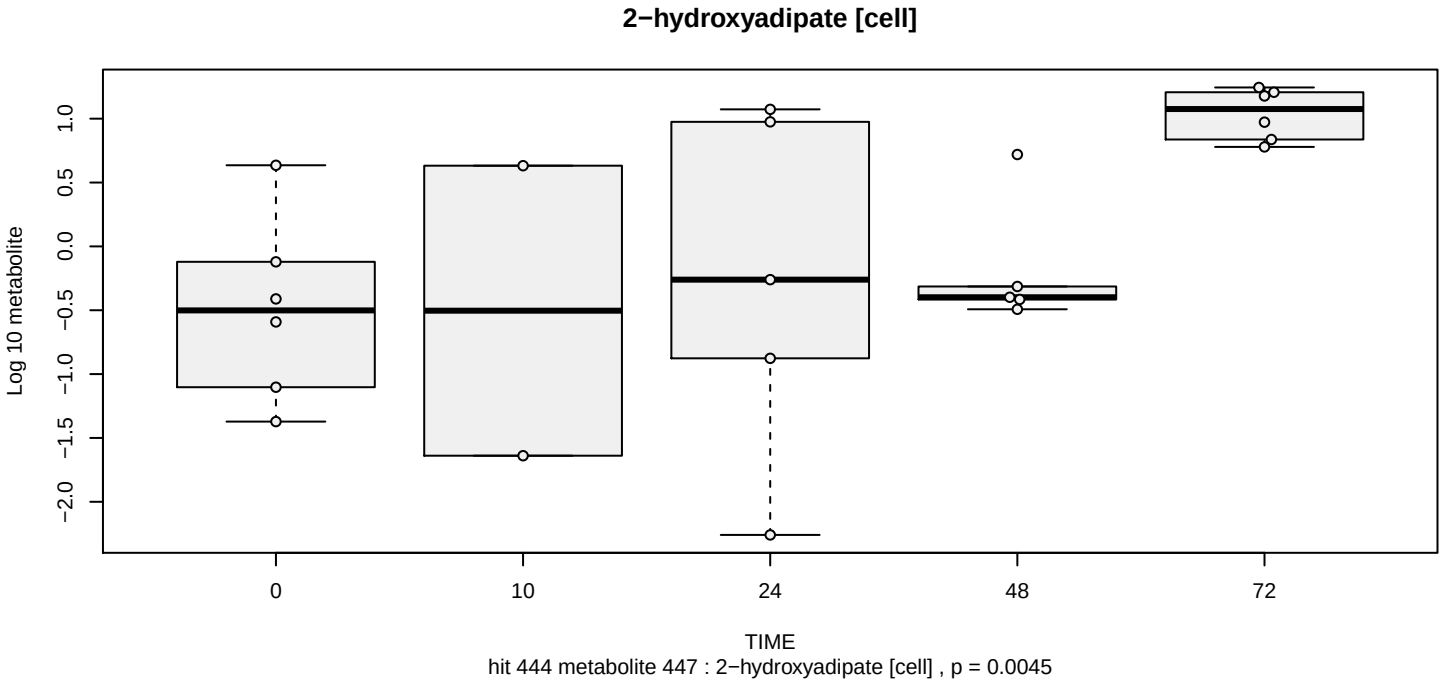
hit 441 metabolite 444 : 2'−deoxyadenosine [cell] , p = 0.11



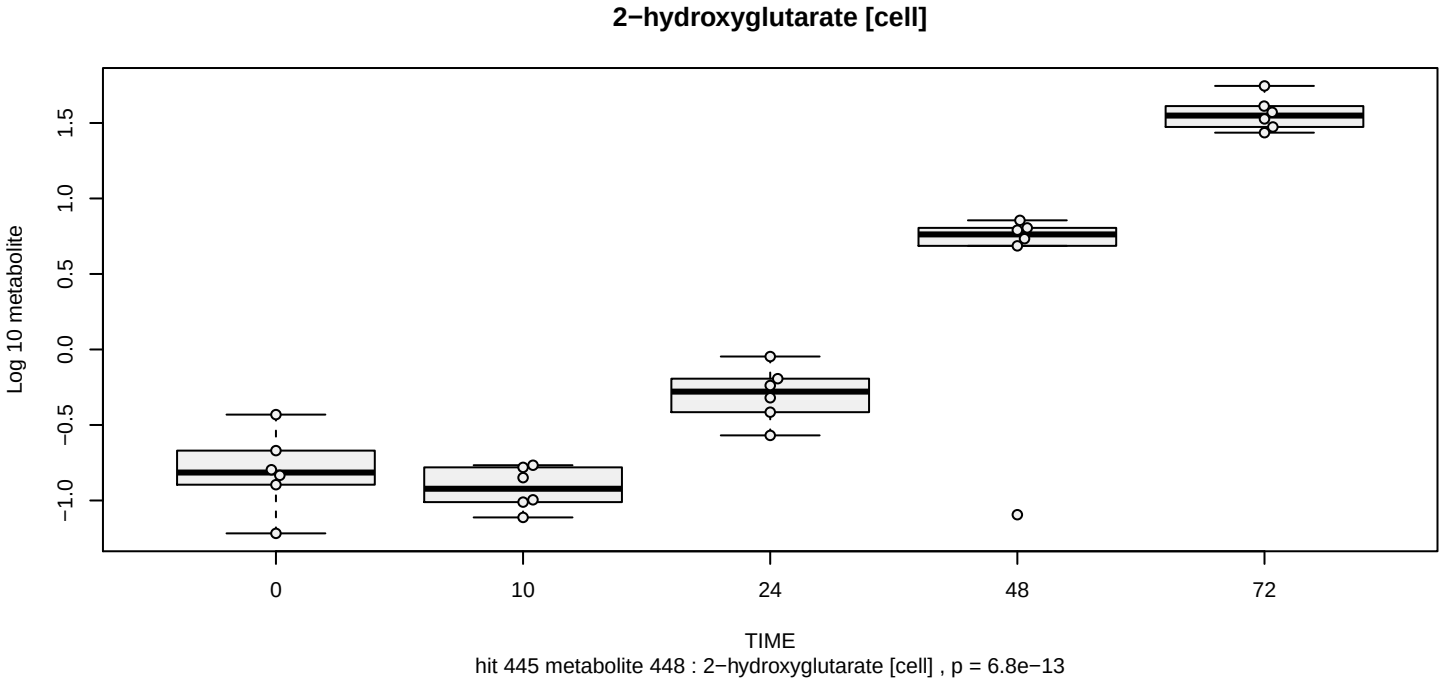
hit 442 metabolite 445 : 2'−deoxycytidine [cell] , p = 0.63



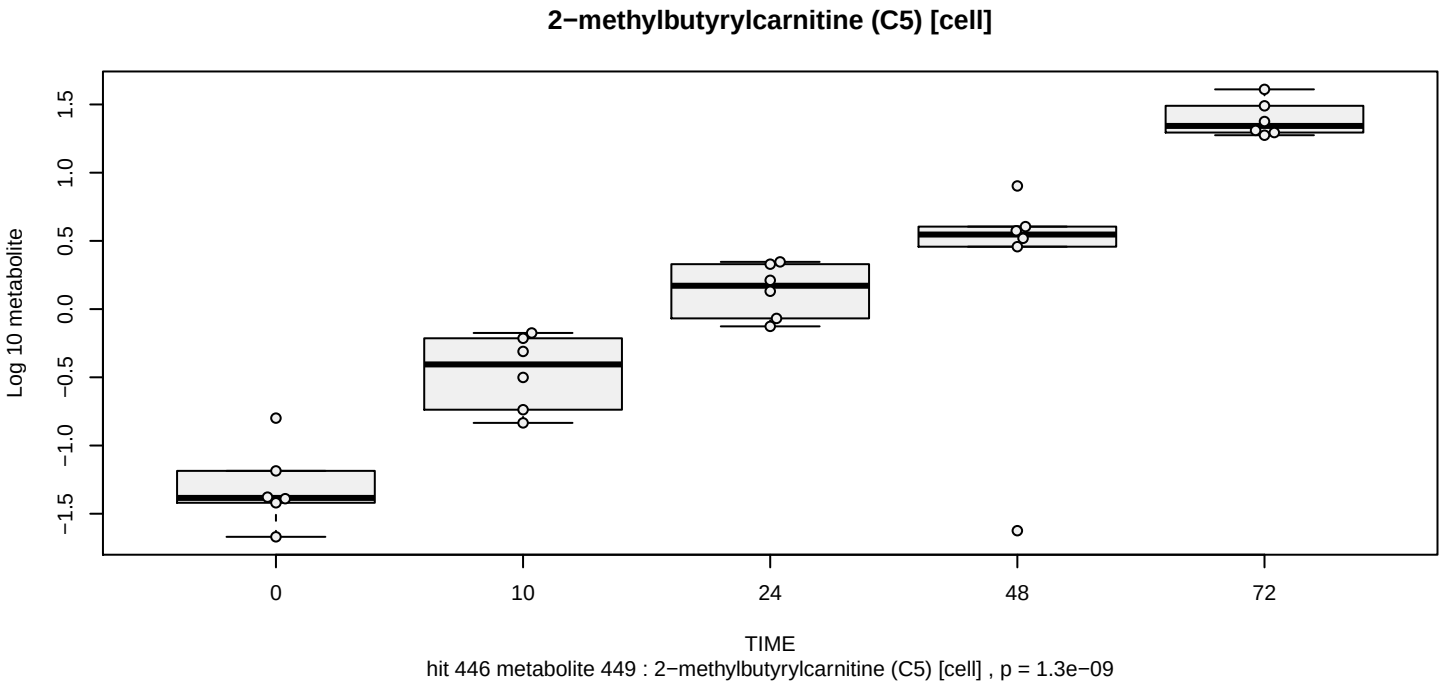
hit 443 metabolite 446 : 2−aminoadipate [cell] , p = 6.7e−13



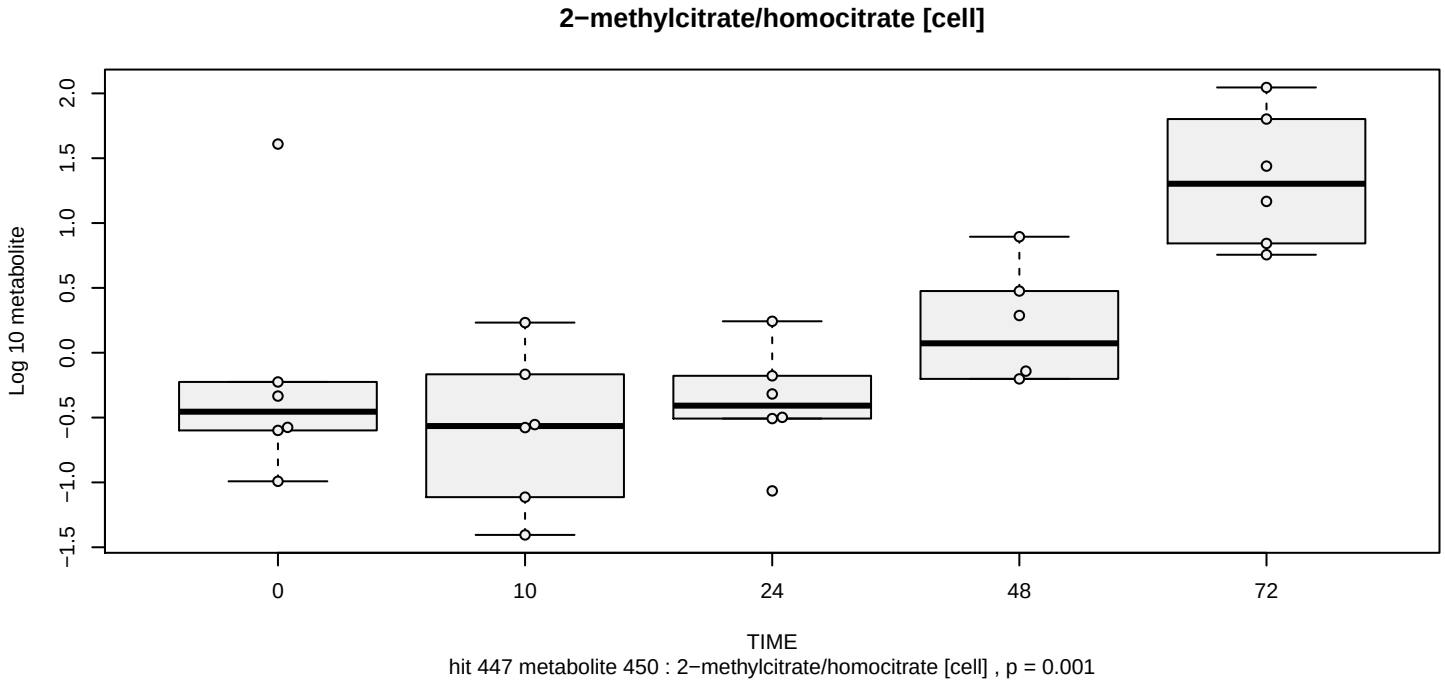
hit 444 metabolite 447 : 2−hydroxyadipate [cell] , p = 0.0045



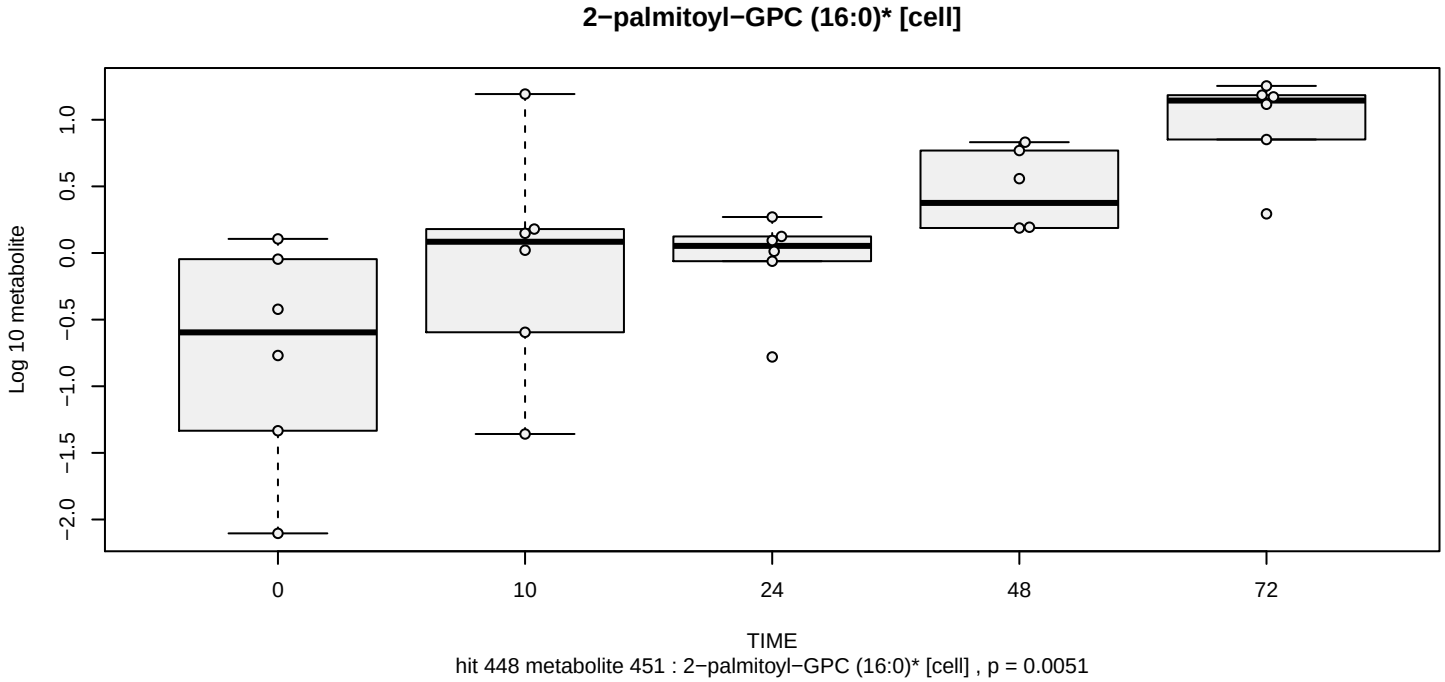
hit 445 metabolite 448 : 2−hydroxyglutarate [cell] , p = 6.8e−13



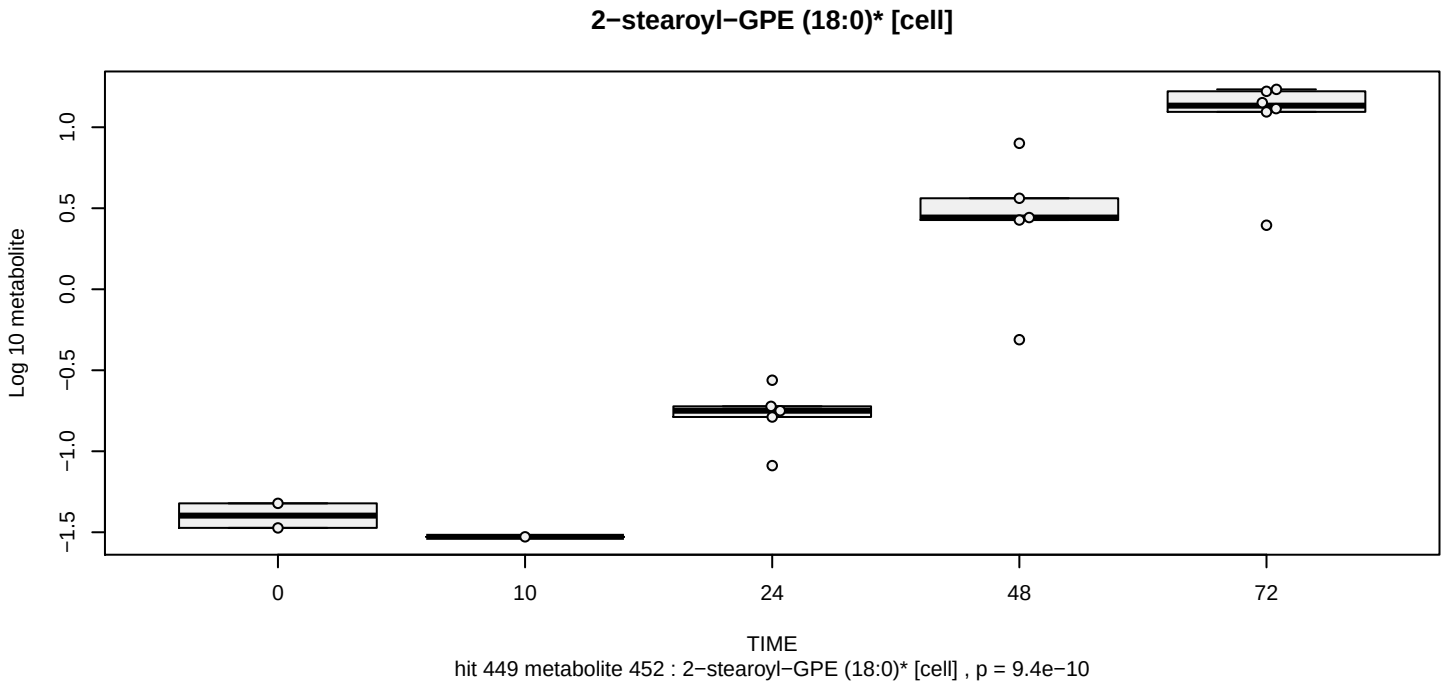
hit 446 metabolite 449 : 2−methylbutyrylcarnitine (C5) [cell] , p = 1.3e−09



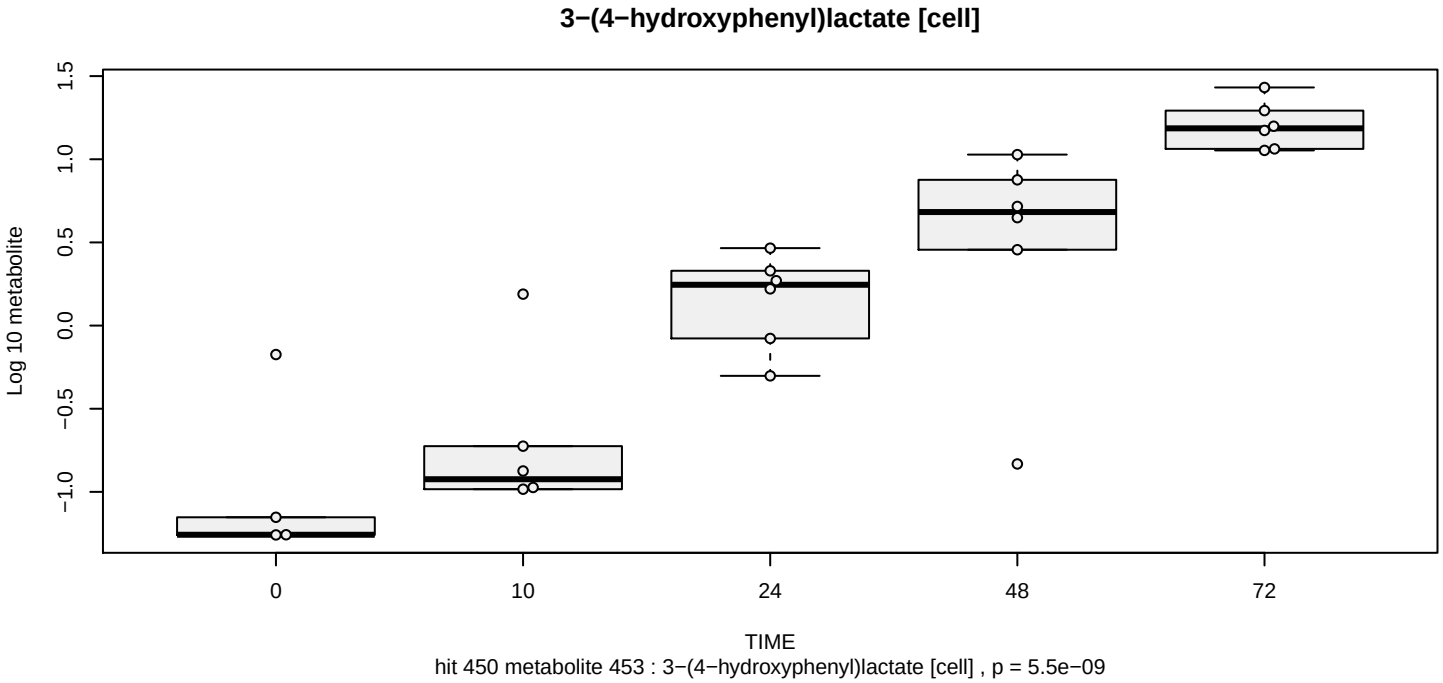
hit 447 metabolite 450 : 2−methylcitrate/homocitrate [cell] , p = 0.001



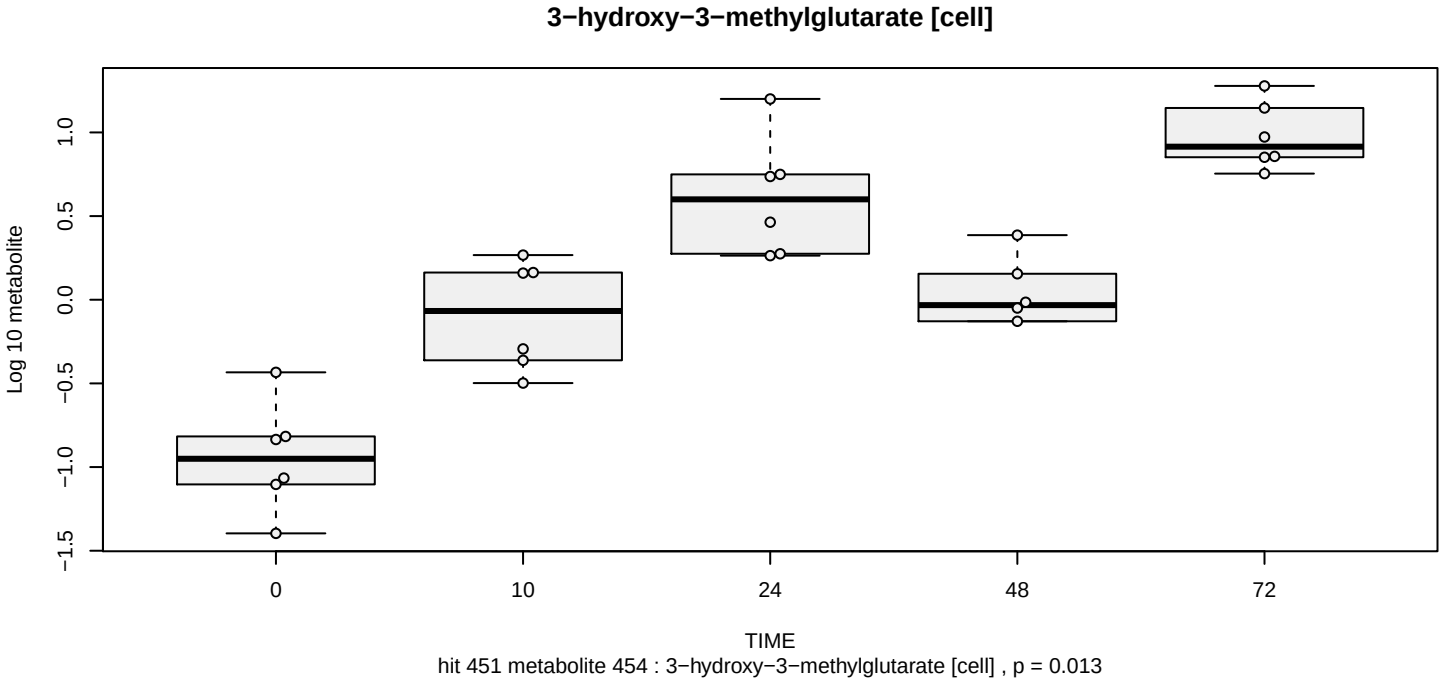
hit 448 metabolite 451 : 2−palmitoyl−GPC (16:0)* [cell] , p = 0.0051



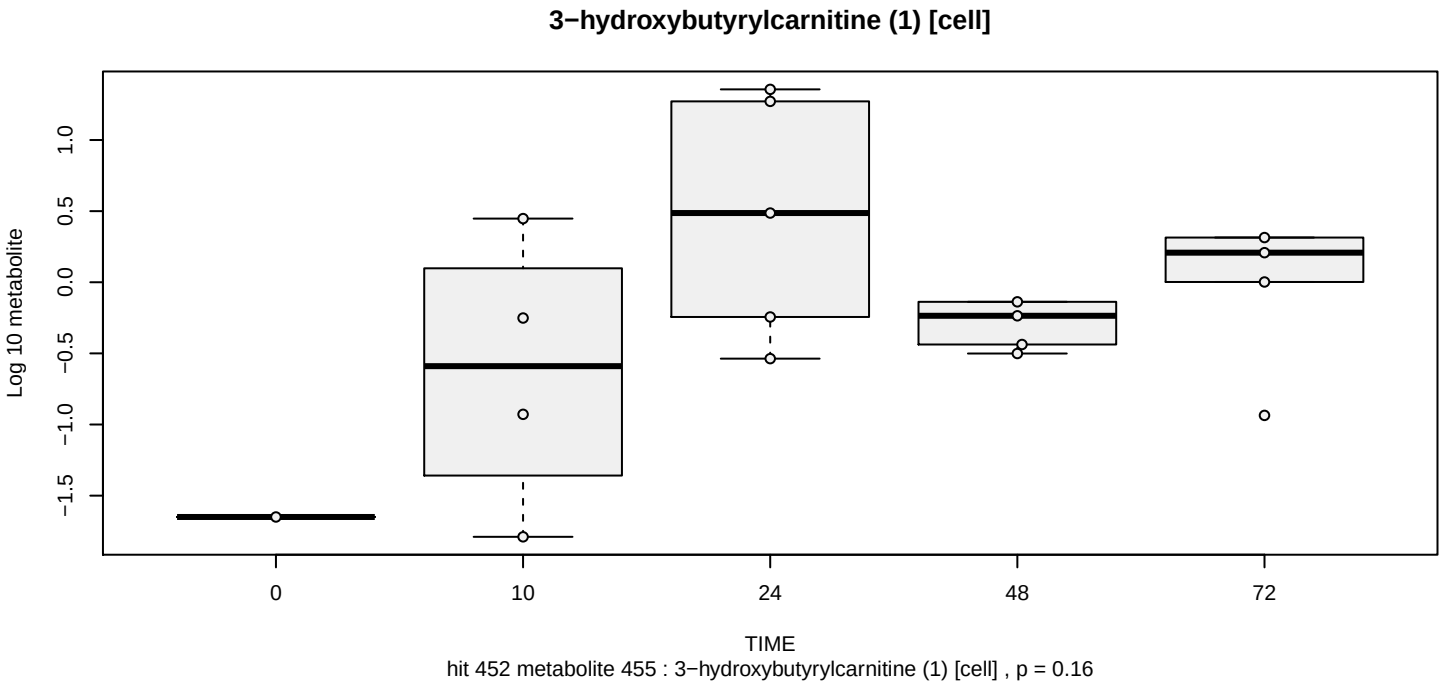
hit 449 metabolite 452 : 2−stearoyl−GPE (18:0)* [cell] , p = 9.4e−10



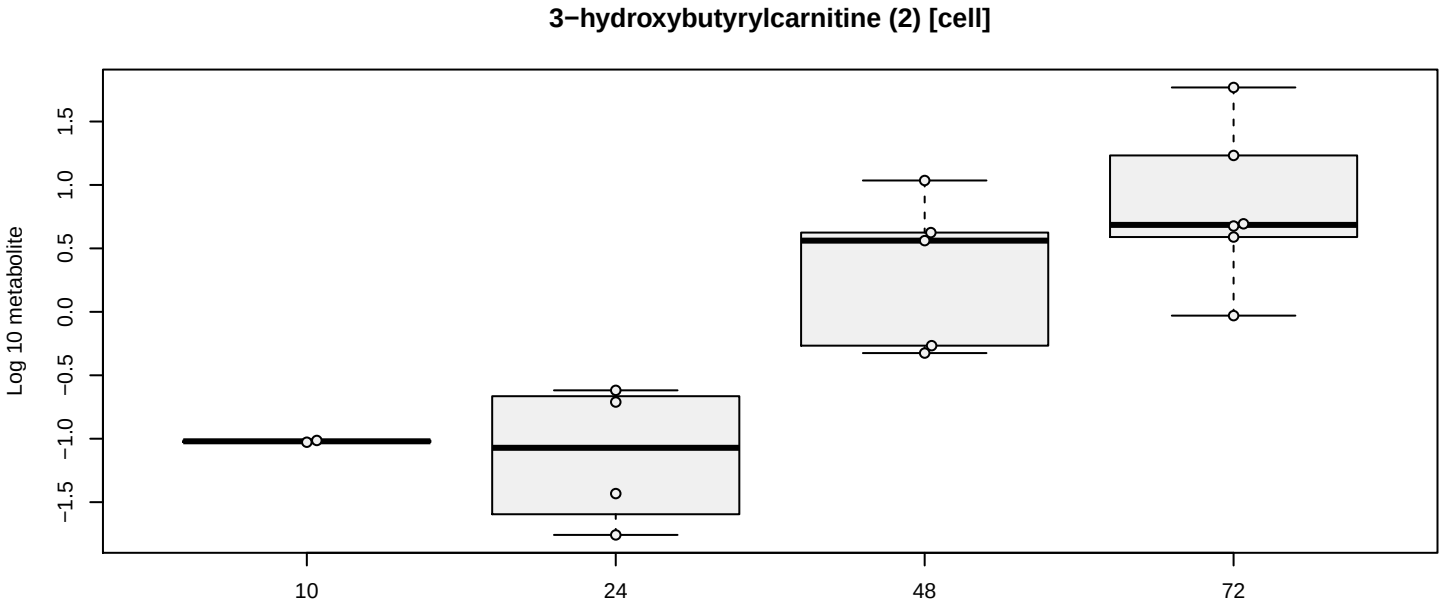
hit 450 metabolite 453 : 3−(4−hydroxyphenyl)lactate [cell] , p = 5.5e−09



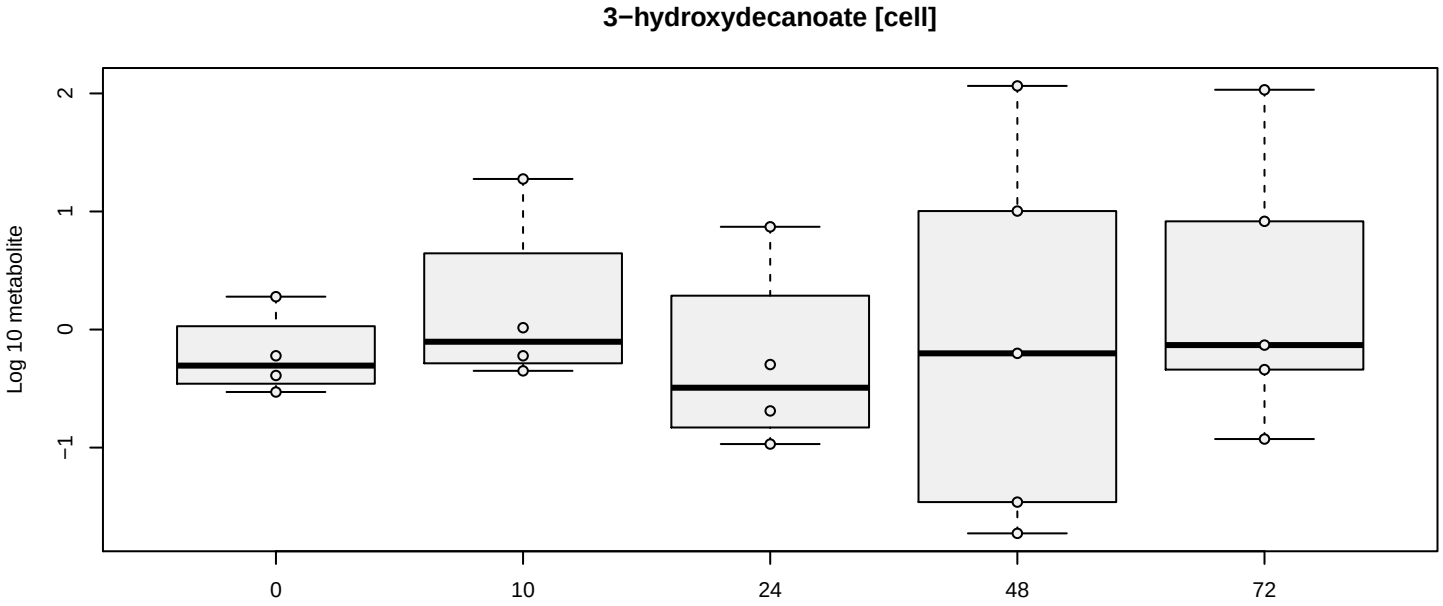
hit 451 metabolite 454 : 3−hydroxy−3−methylglutarate [cell] , p = 0.013



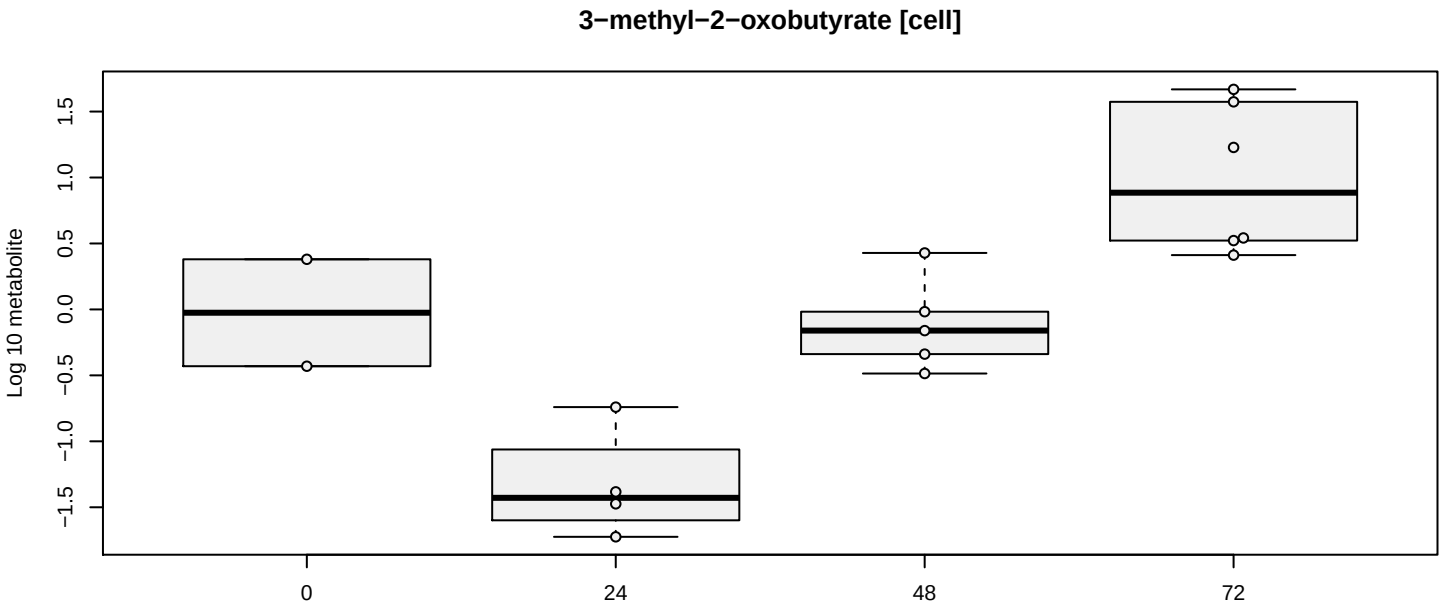
hit 452 metabolite 455 : 3−hydroxybutyrylcarnitine (1) [cell] , p = 0.16



hit 453 metabolite 456 : 3−hydroxybutyrylcarnitine (2) [cell] , p = 5.5e−05

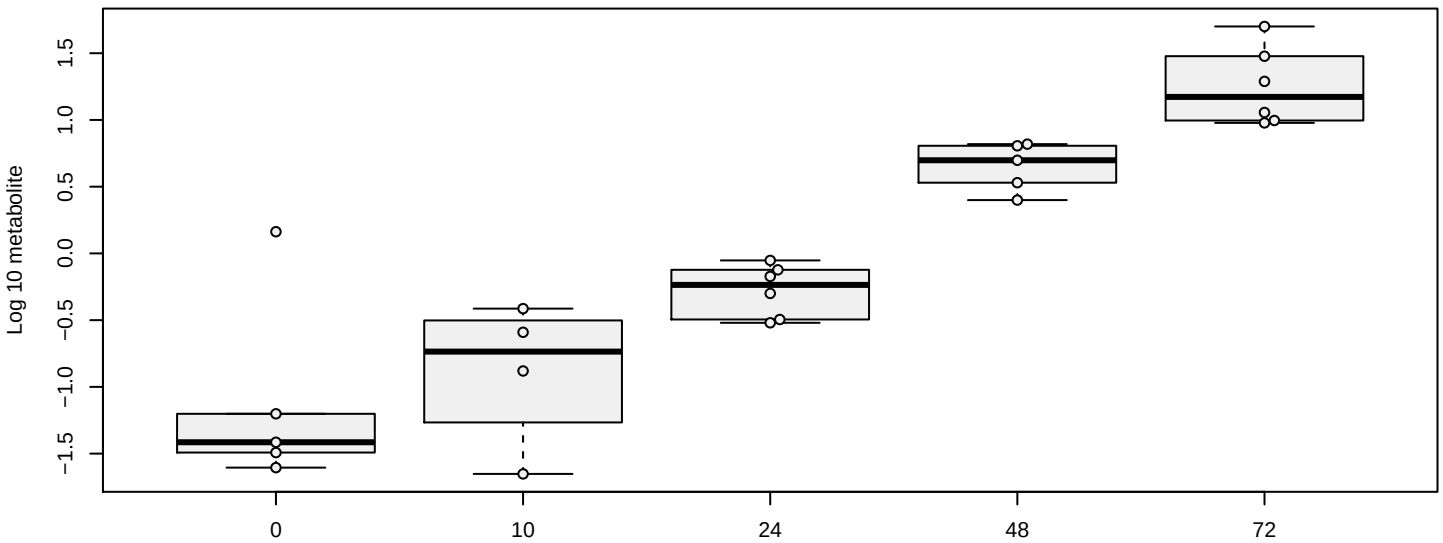


hit 454 metabolite 457 : 3−hydroxydecanoate [cell] , p = 0.55



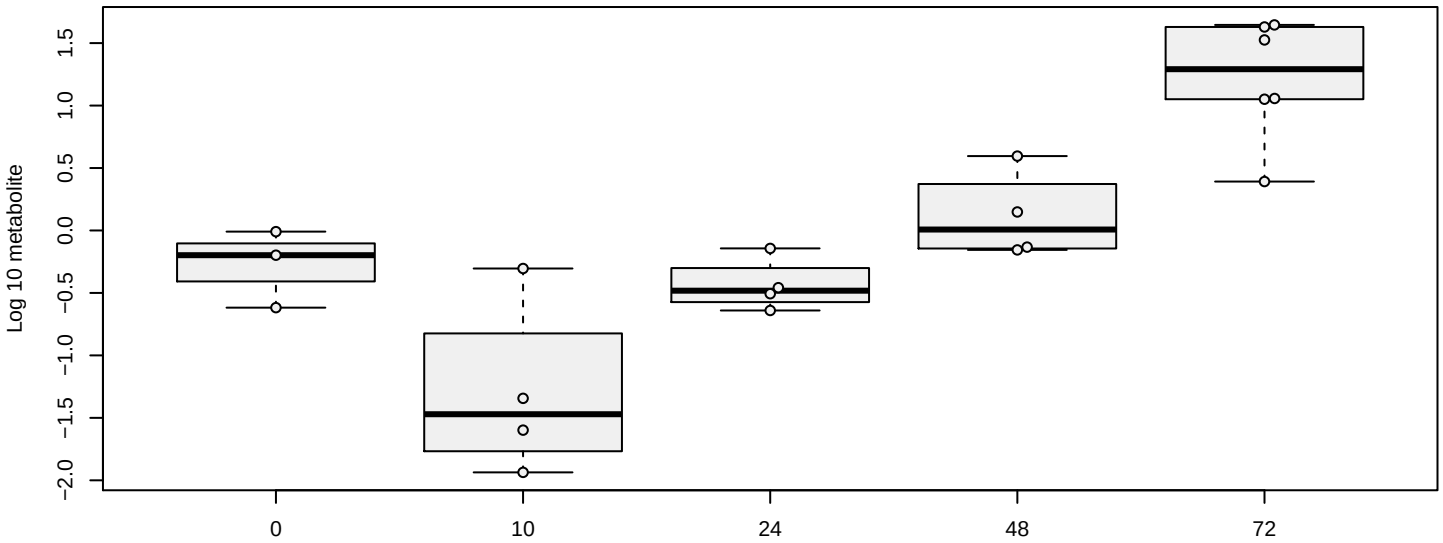
hit 455 metabolite 458 : 3−methyl−2−oxobutyrate [cell] , p = 0.003

3−methyl−2−oxovalerate [cell]



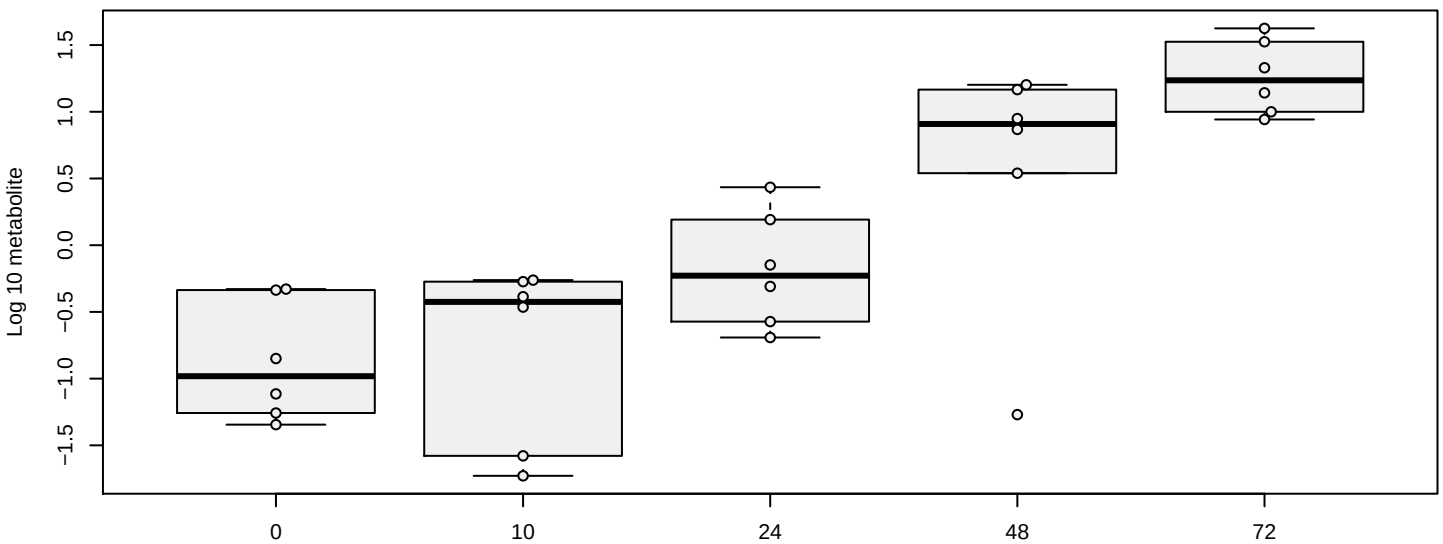
hit 456 metabolite 459 : 3−methyl−2−oxovalerate [cell] , p = 4.2e−11

3−methylhistidine [cell]

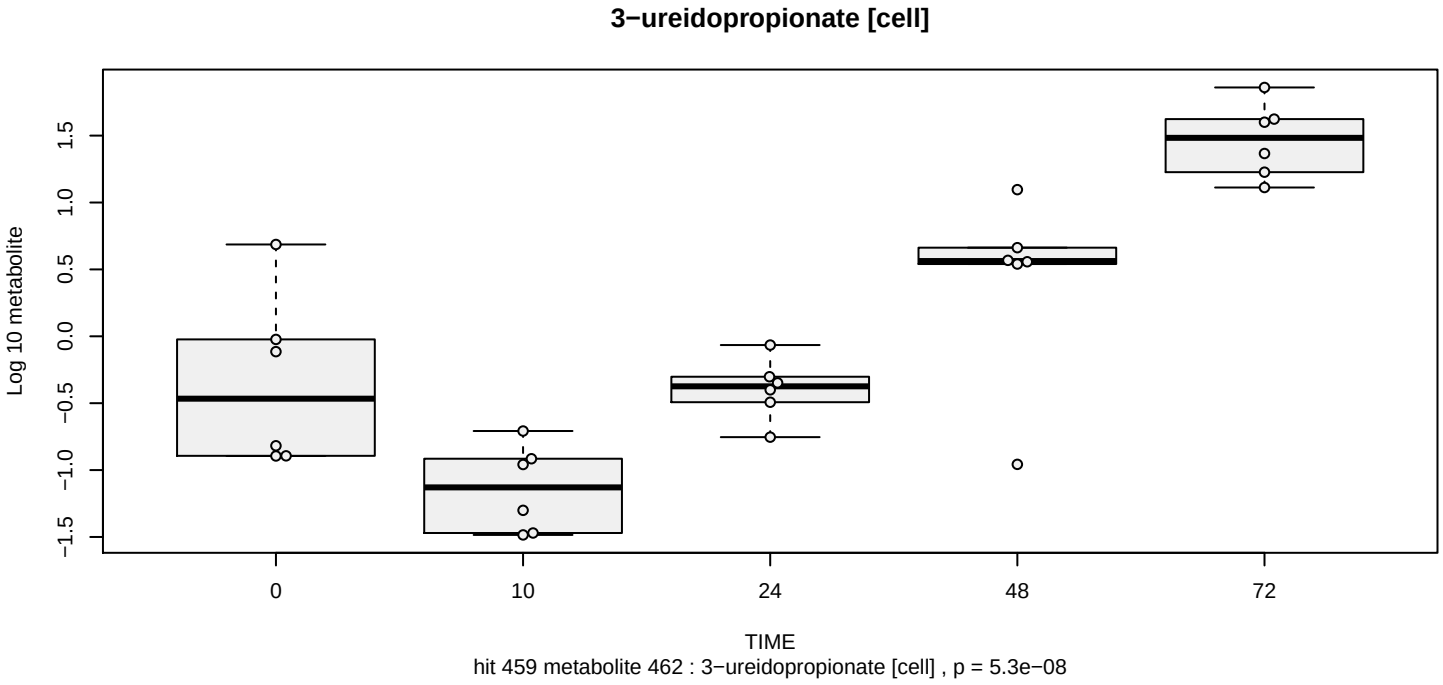


hit 457 metabolite 460 : 3−methylhistidine [cell] , p = 7e−06

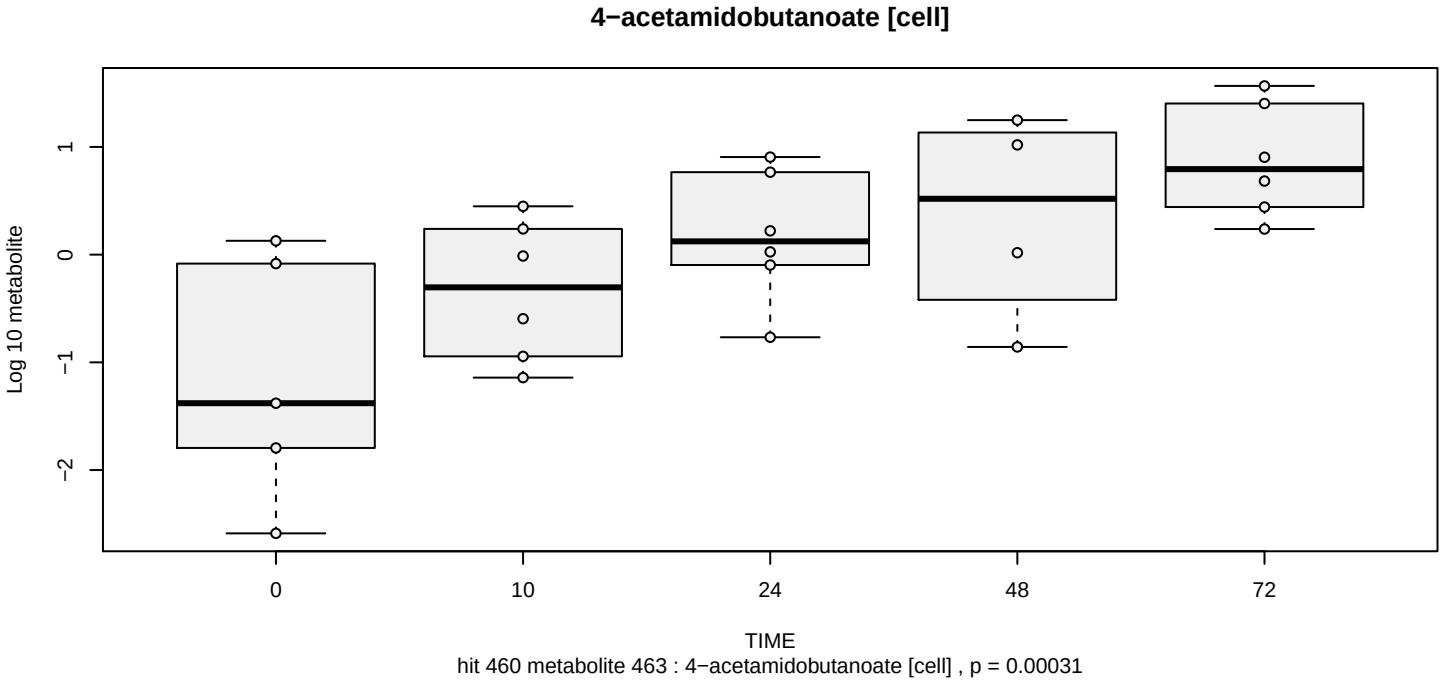
3−phosphoglycerate [cell]



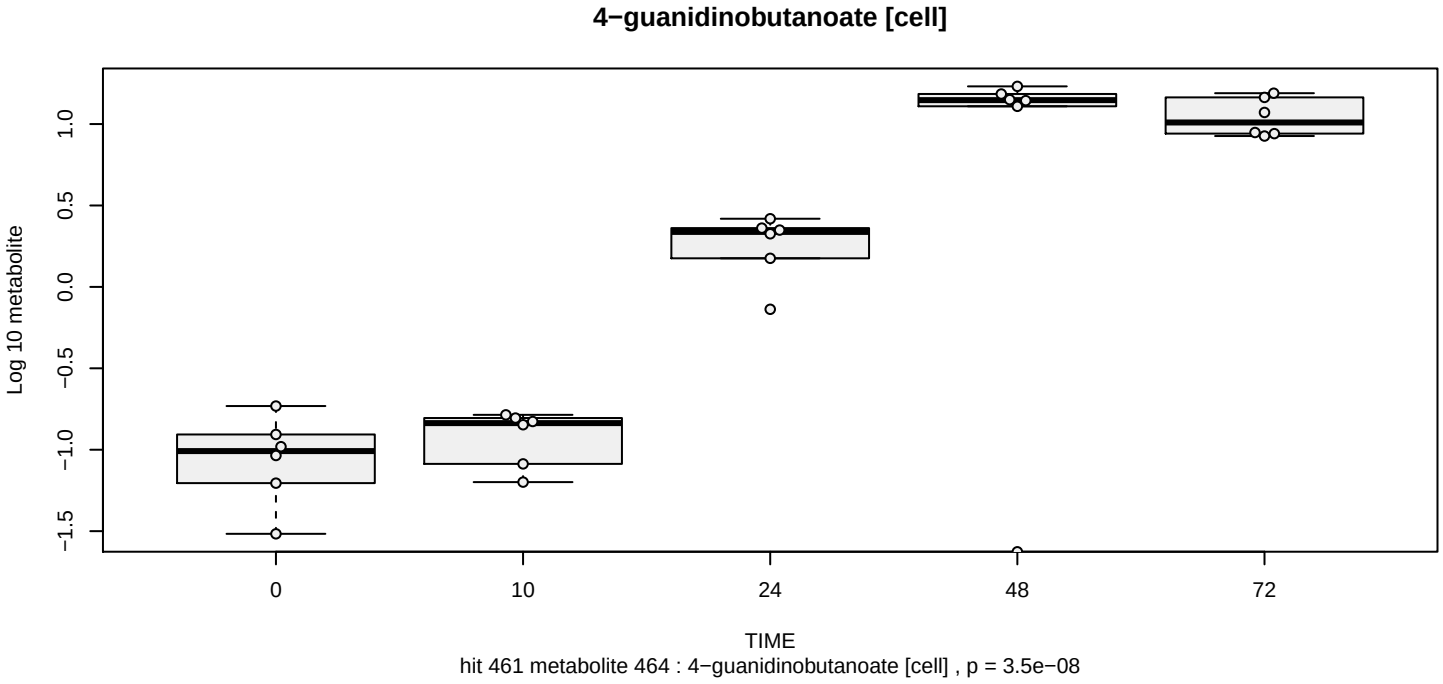
hit 458 metabolite 461 : 3−phosphoglycerate [cell] , p = 1.9e−08



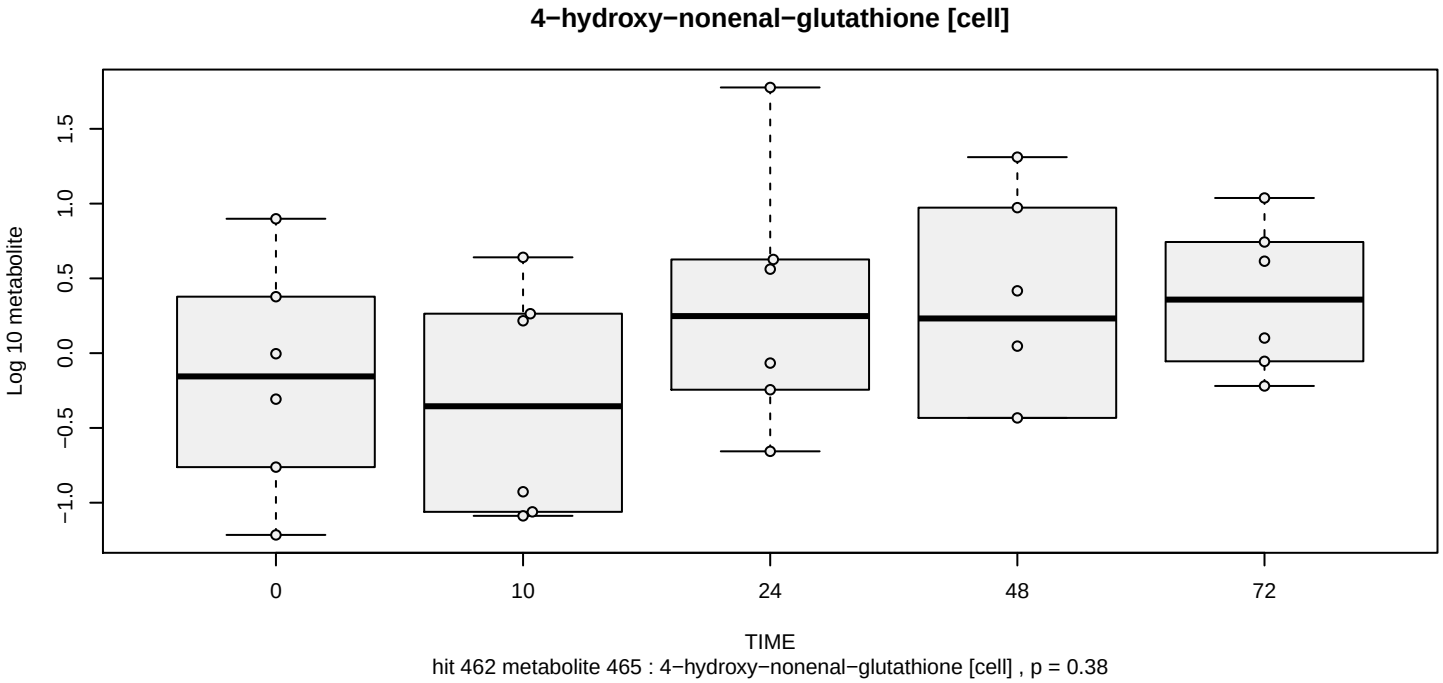
hit 459 metabolite 462 : 3−ureidopropionate [cell] , p = 5.3e−08



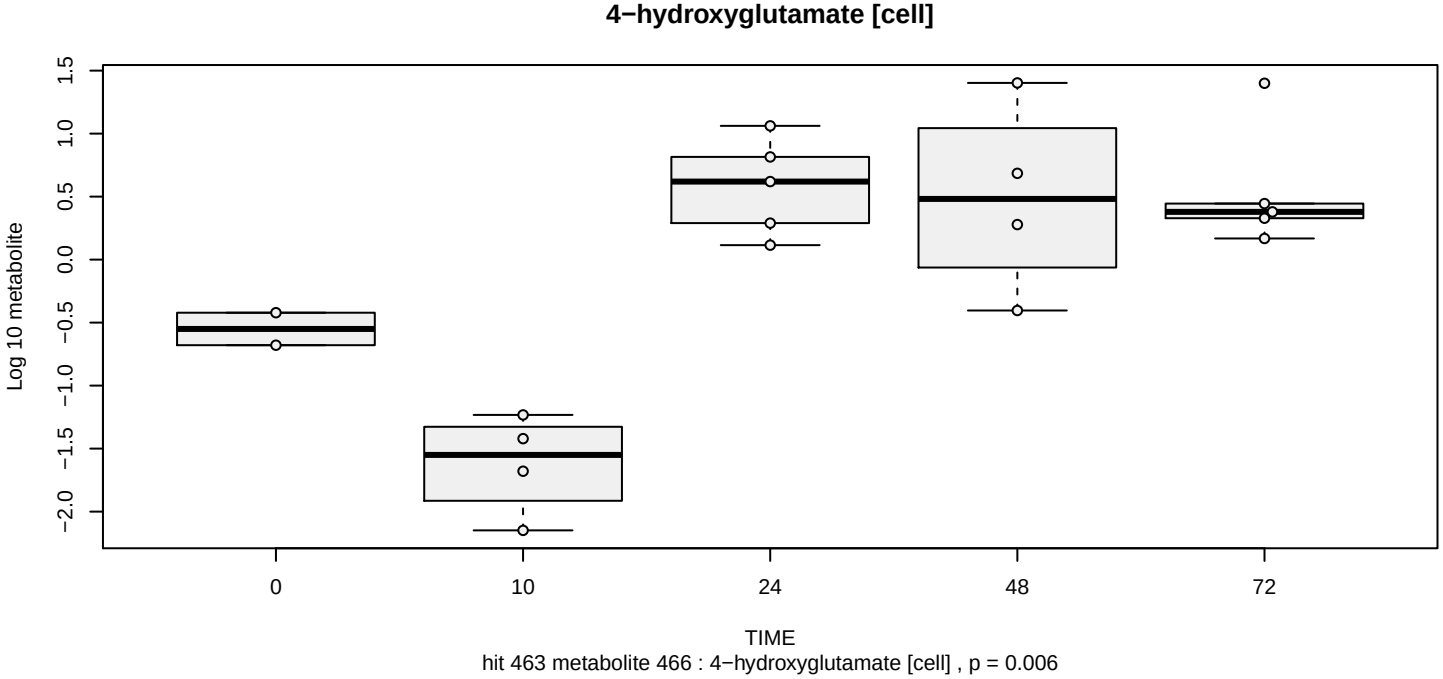
hit 460 metabolite 463 : 4−acetamidobutanoate [cell] , p = 0.00031



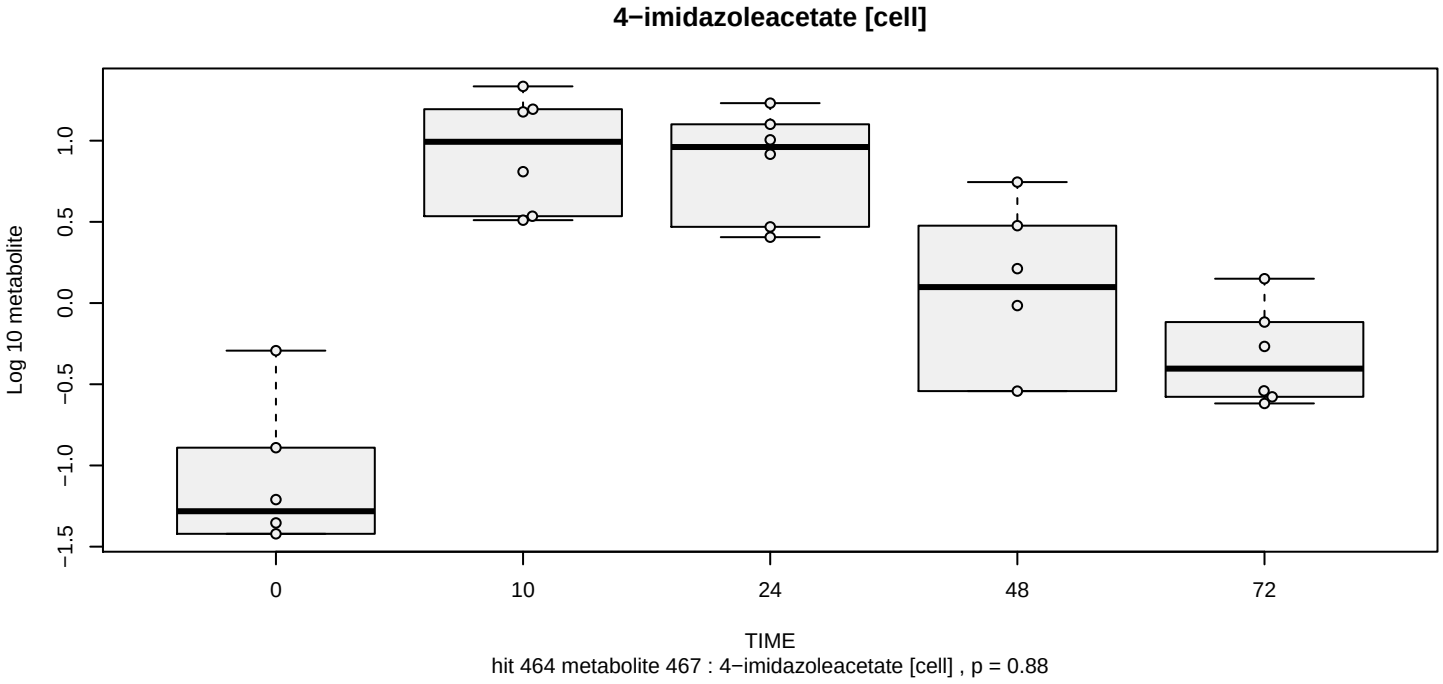
hit 461 metabolite 464 : 4−guanidinobutanoate [cell] , p = 3.5e−08



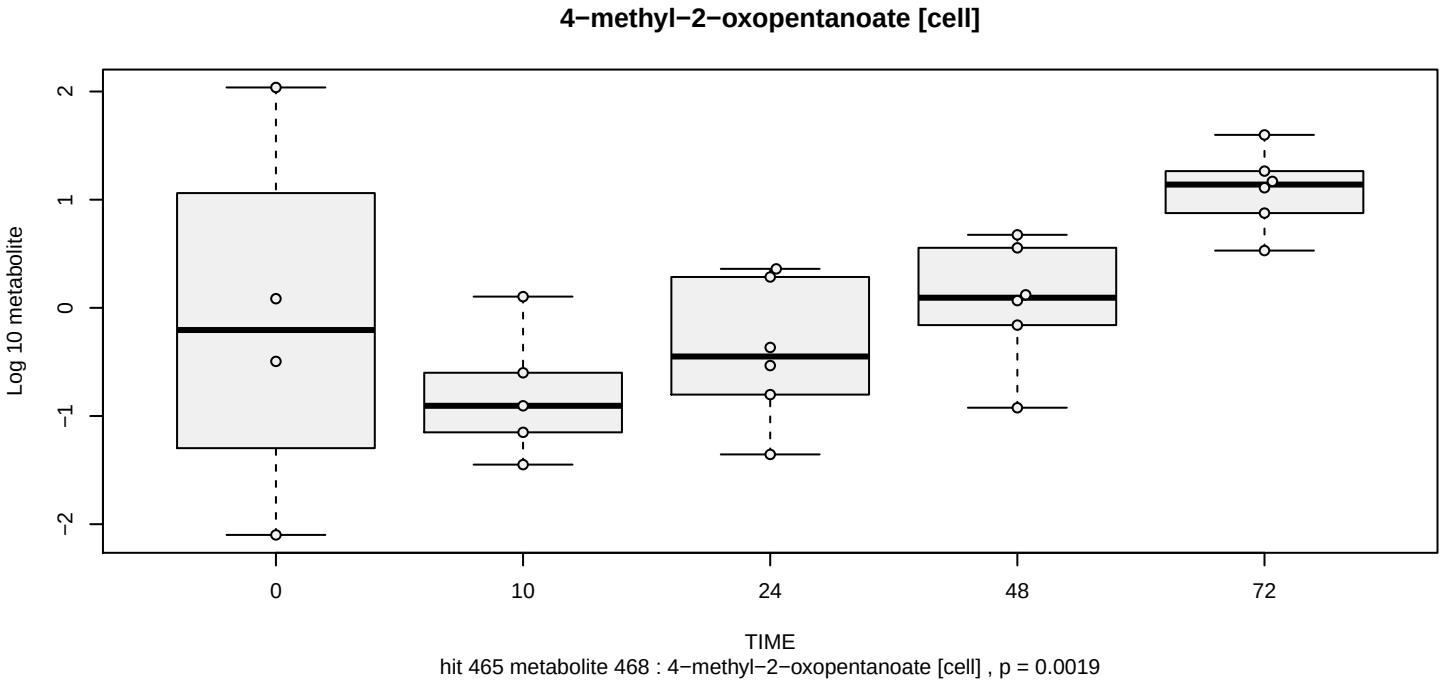
hit 462 metabolite 465 : 4−hydroxy−nonenal−glutathione [cell] , p = 0.38



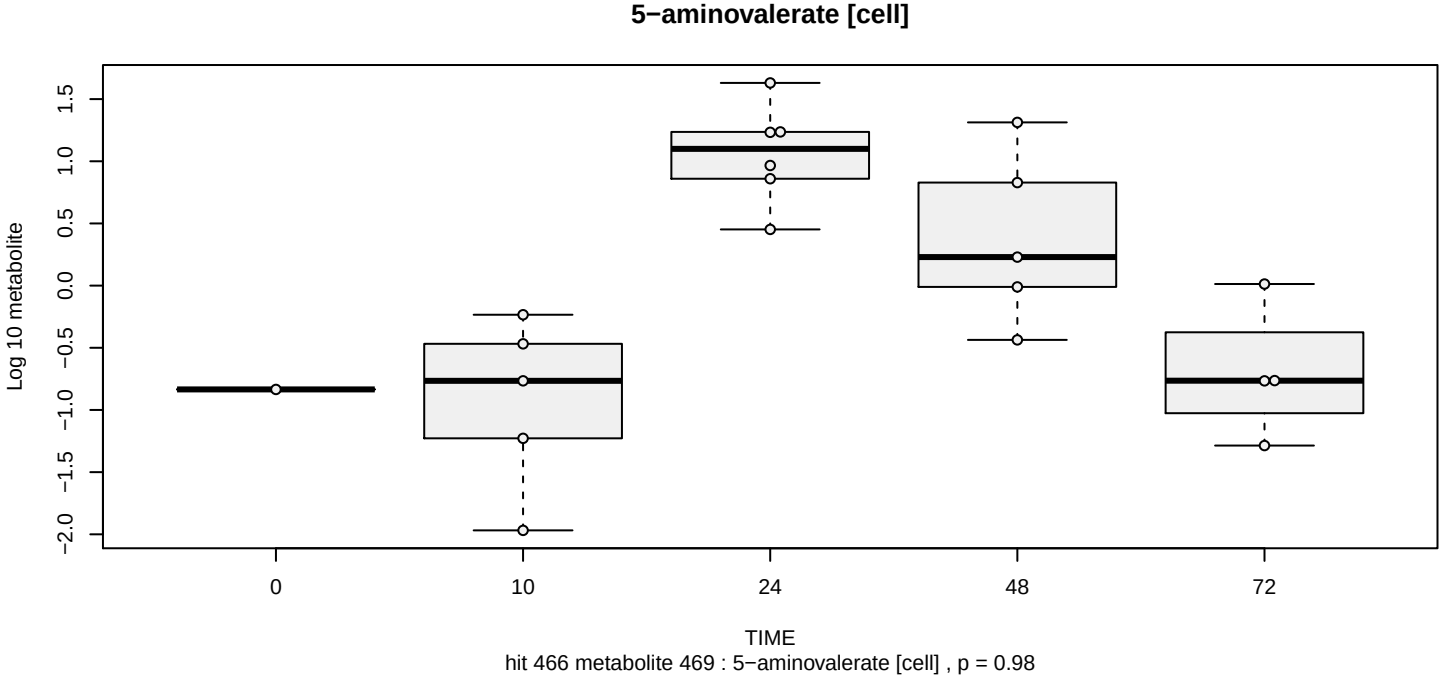
hit 463 metabolite 466 : 4−hydroxyglutamate [cell] , p = 0.006



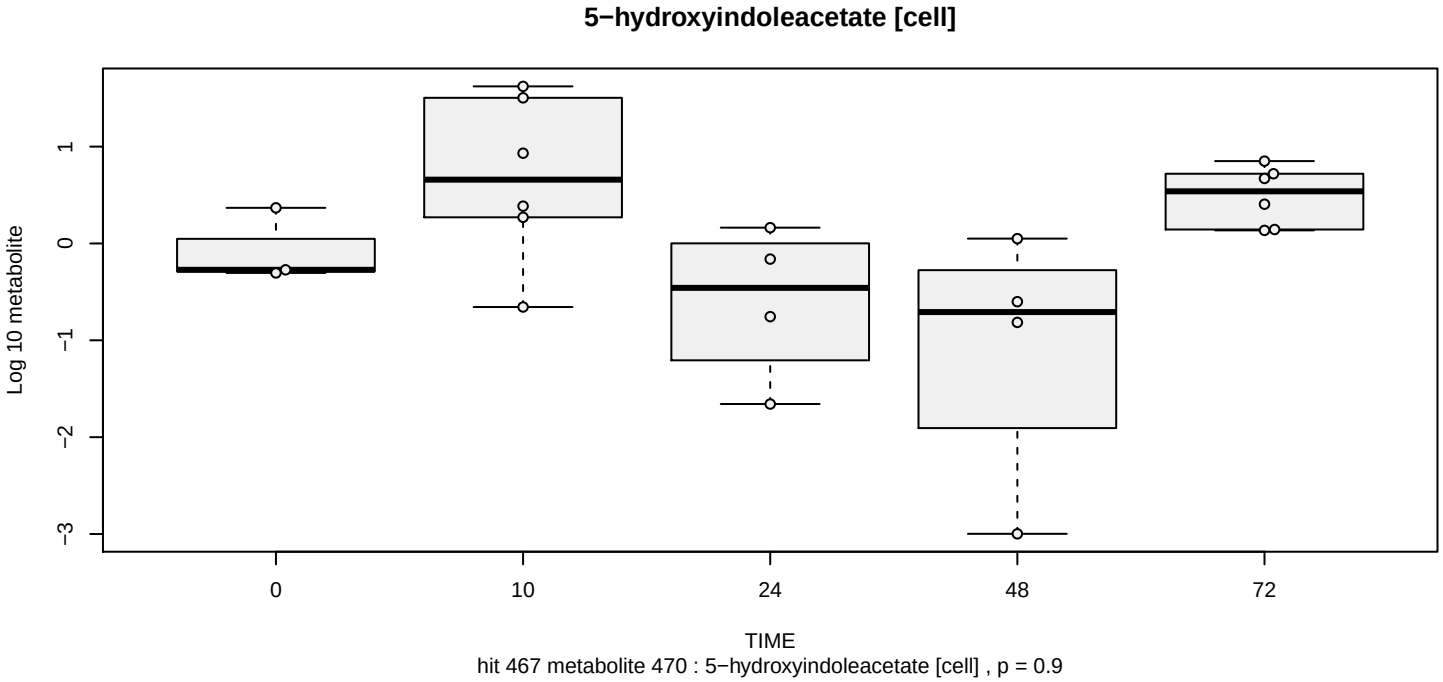
hit 464 metabolite 467 : 4−imidazoleacetate [cell] , p = 0.88



hit 465 metabolite 468 : 4−methyl−2−oxopentanoate [cell] , p = 0.0019

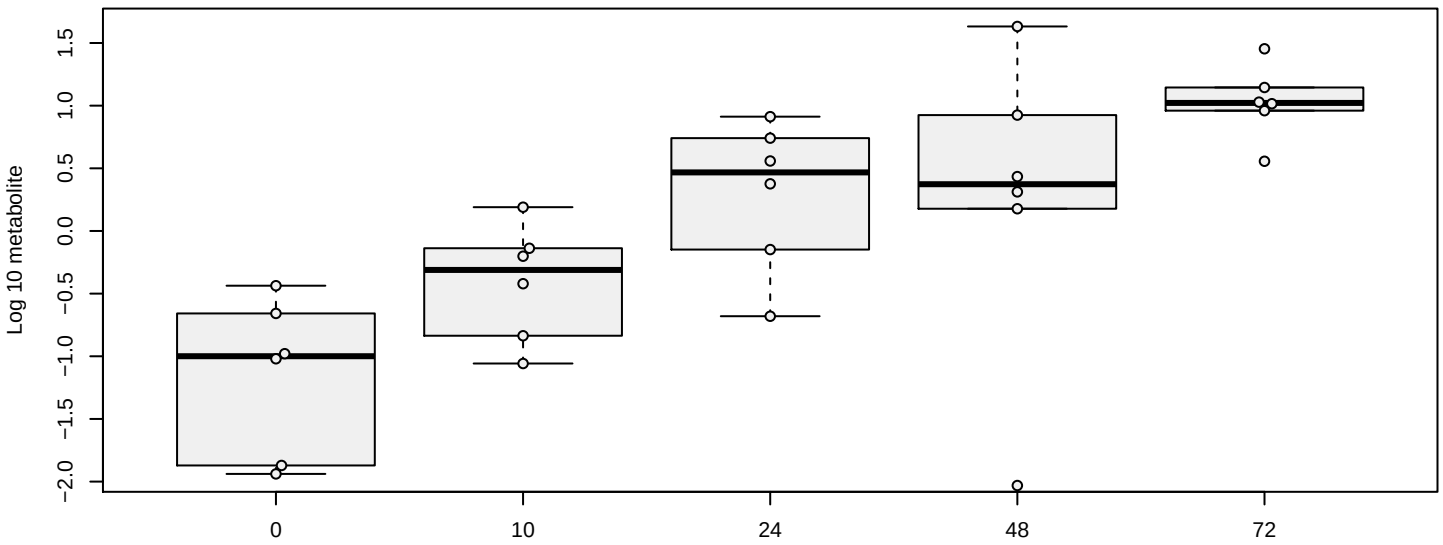


hit 466 metabolite 469 : 5−aminovalerate [cell] , p = 0.98



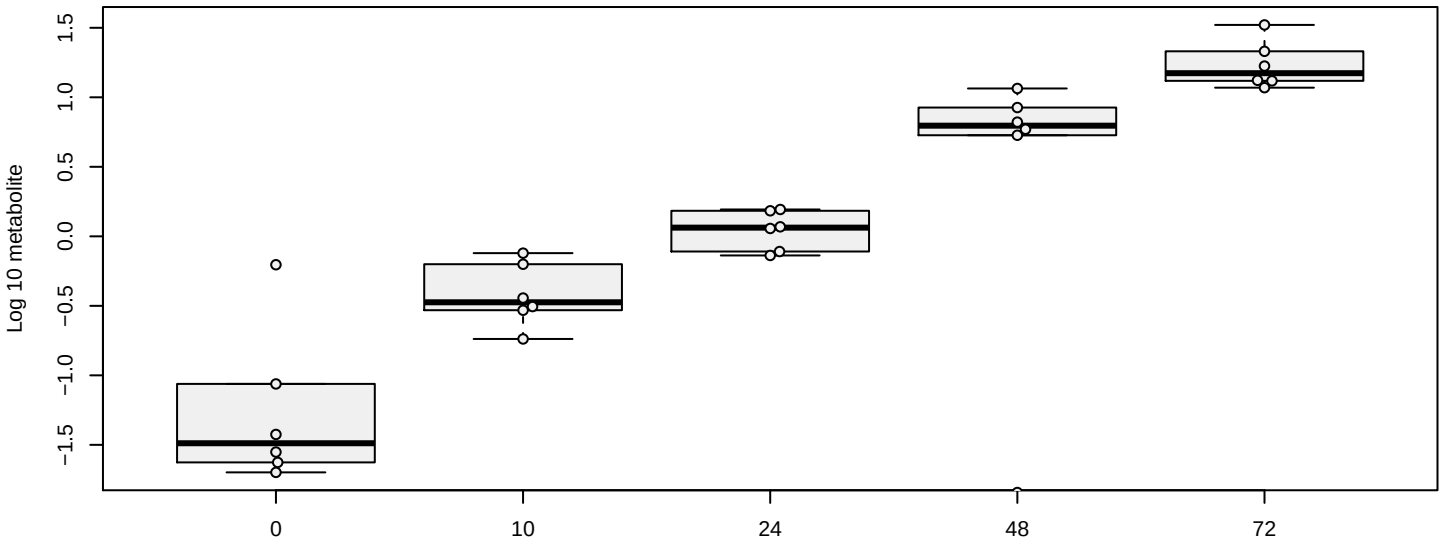
hit 467 metabolite 470 : 5−hydroxyindoleacetate [cell] , p = 0.9

5−methylthioadenosine (MTA) [cell]



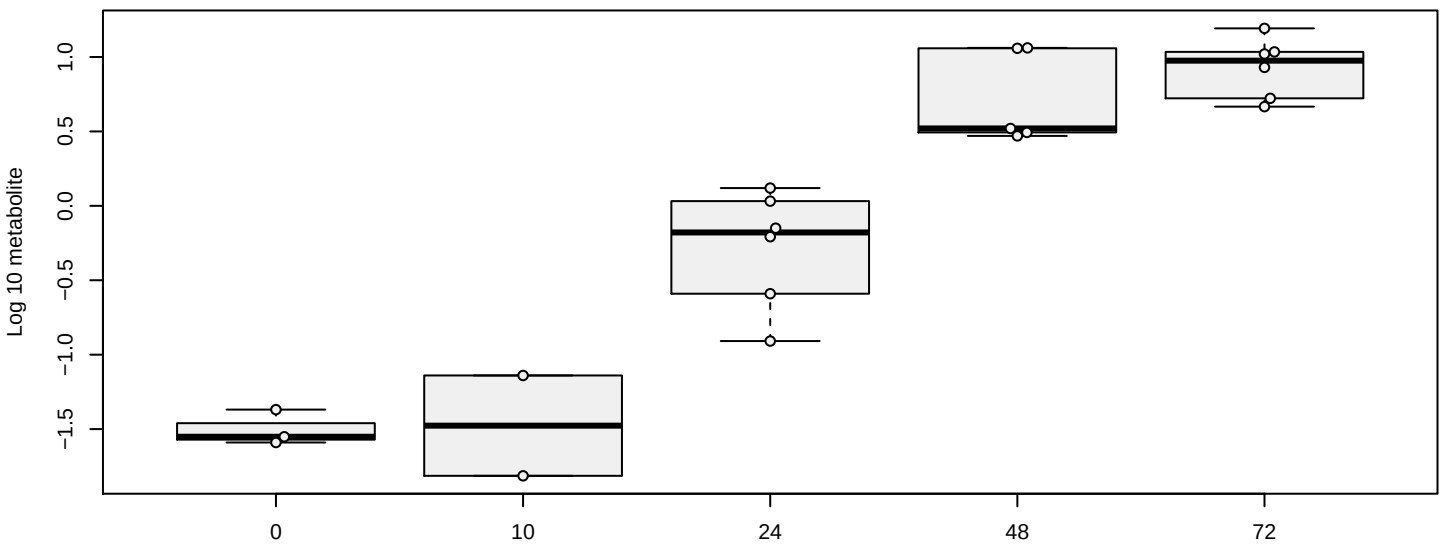
hit 468 metabolite 471 : 5−methylthioadenosine (MTA) [cell] , p = 2.7e−05

5−oxoproline [cell]



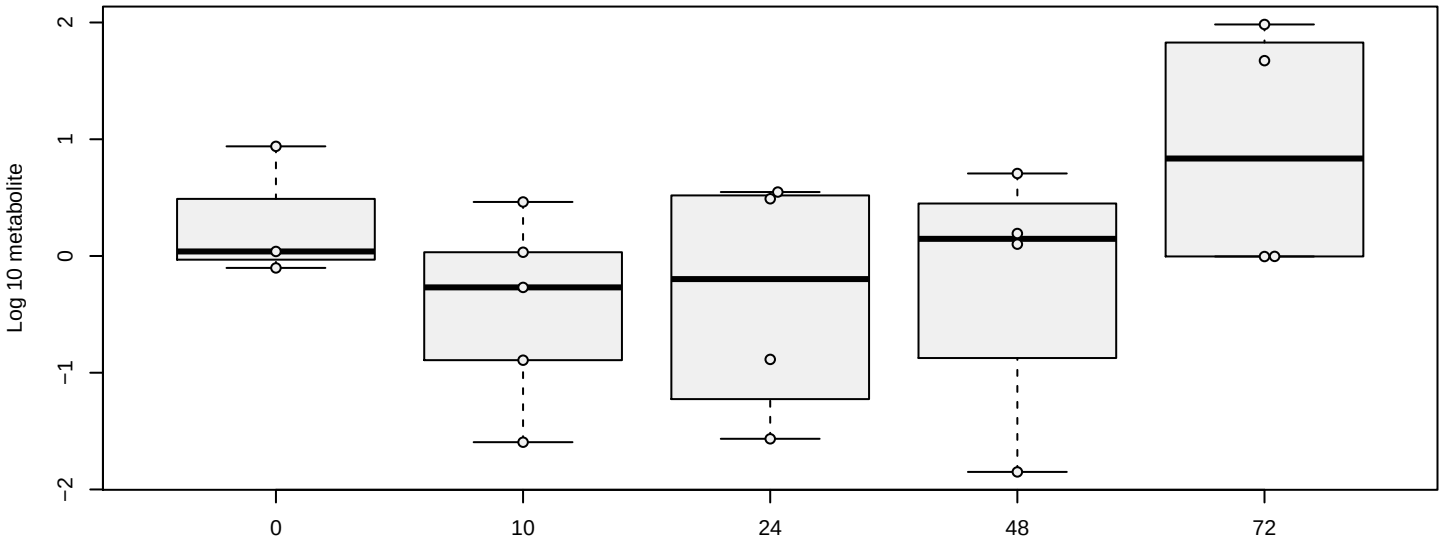
hit 469 metabolite 472 : 5−oxoproline [cell] , p = 3.4e−08

5−phosphoribosyl diphosphate (PRPP) [cell]



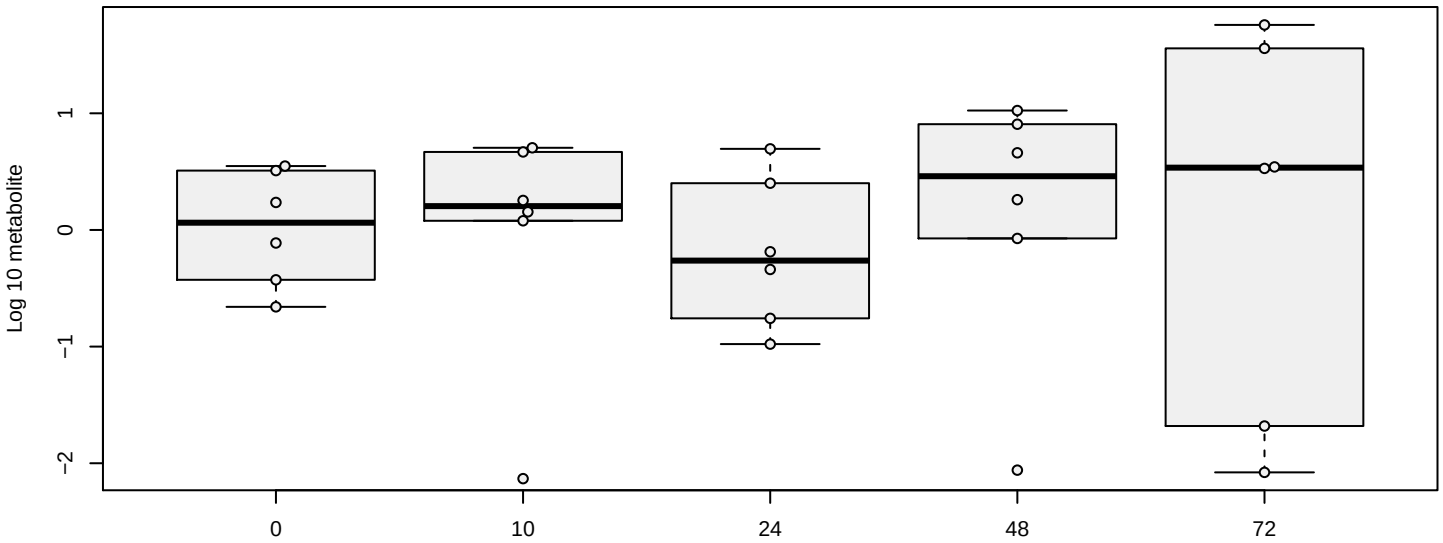
hit 470 metabolite 473 : 5−phosphoribosyl diphosphate (PRPP) [cell] , p = 3.6e−09

6−oxopiperidine−2−carboxylic acid [cell]



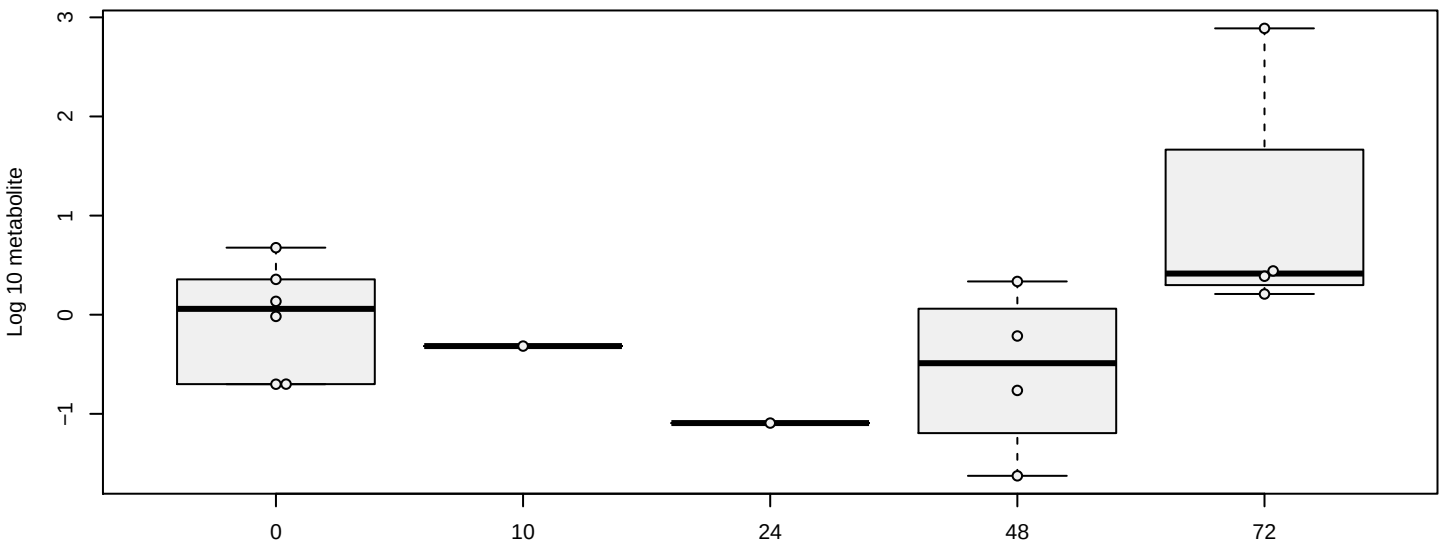
hit 471 metabolite 474 : 6−oxopiperidine−2−carboxylic acid [cell] , p = 0.15

6−phosphogluconate [cell]

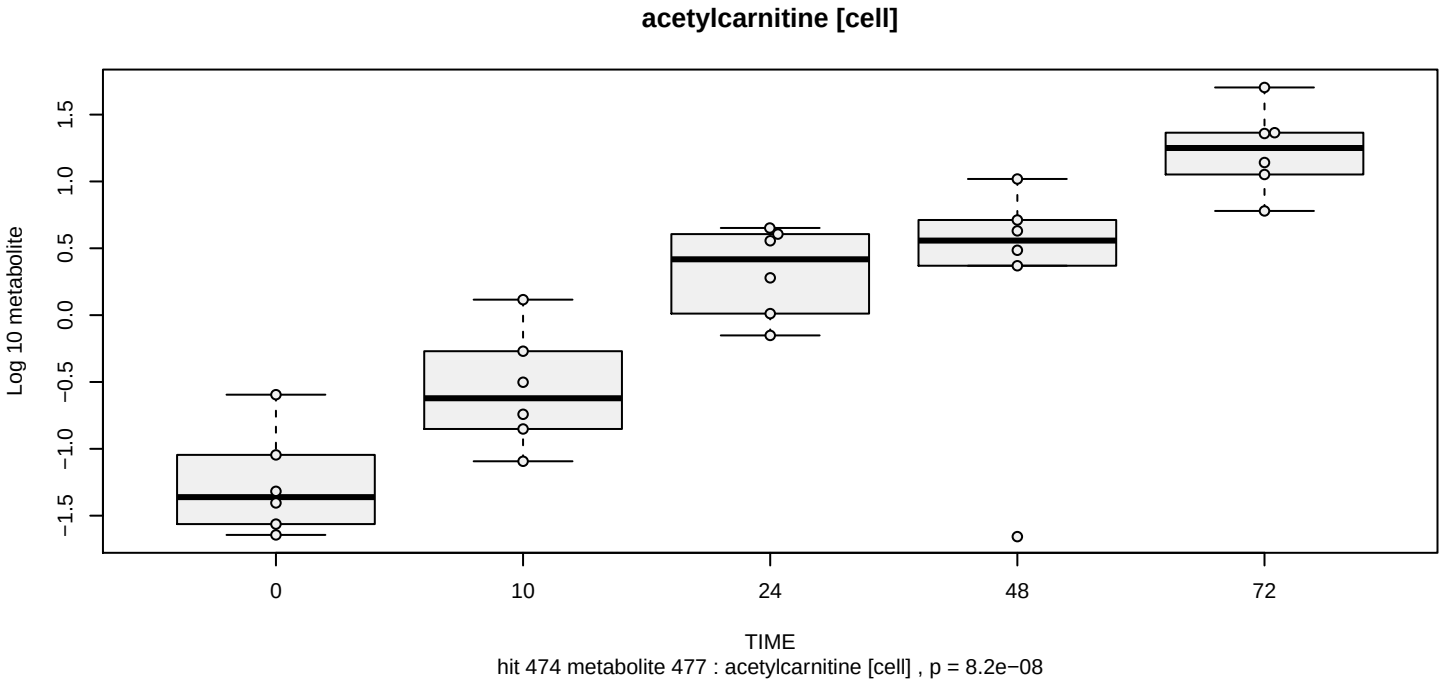


hit 472 metabolite 475 : 6−phosphogluconate [cell] , p = 0.74

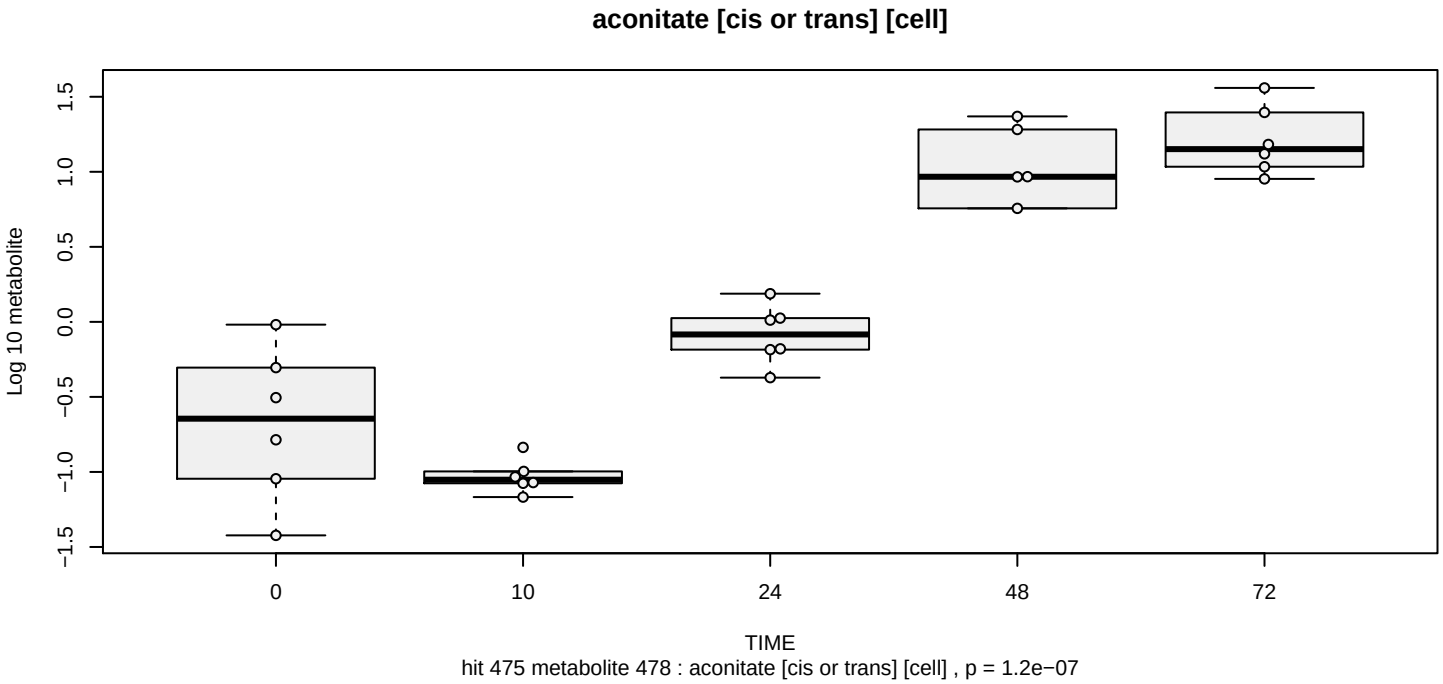
acetyl CoA [cell]



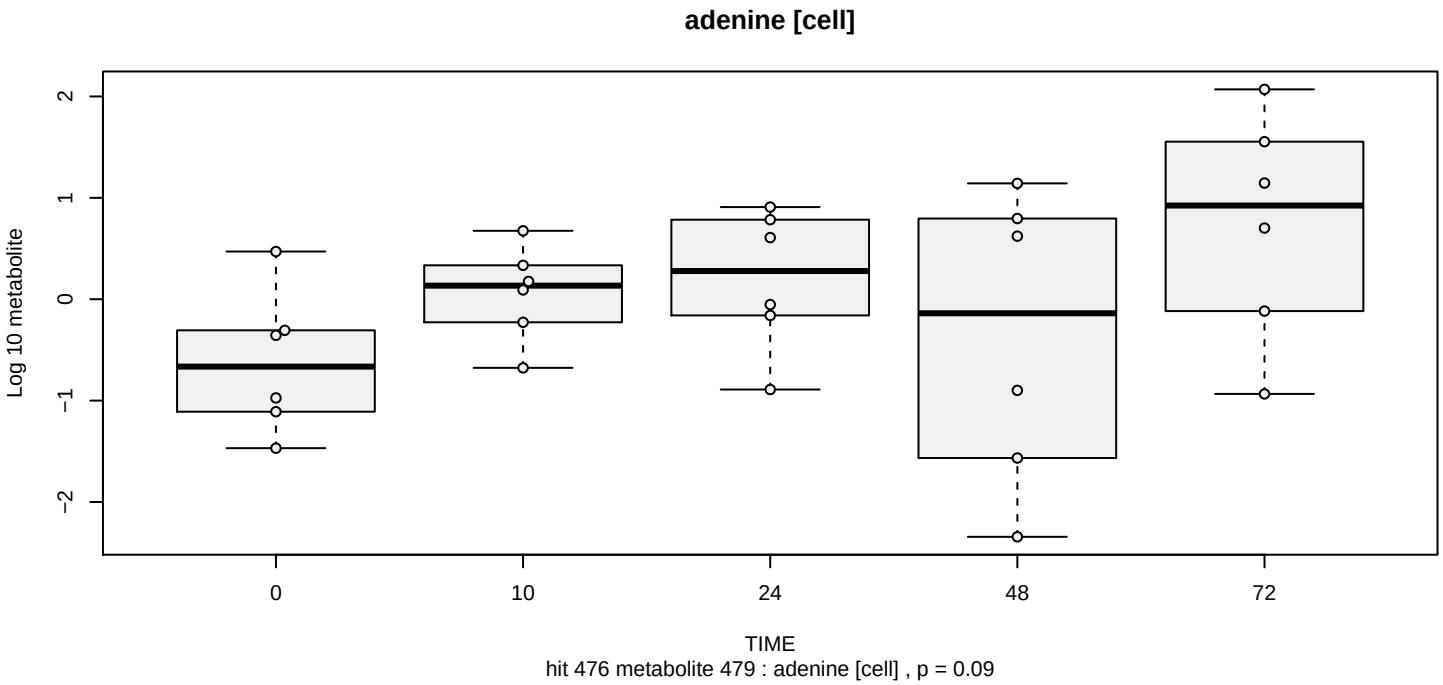
hit 473 metabolite 476 : acetyl CoA [cell] , p = 0.24



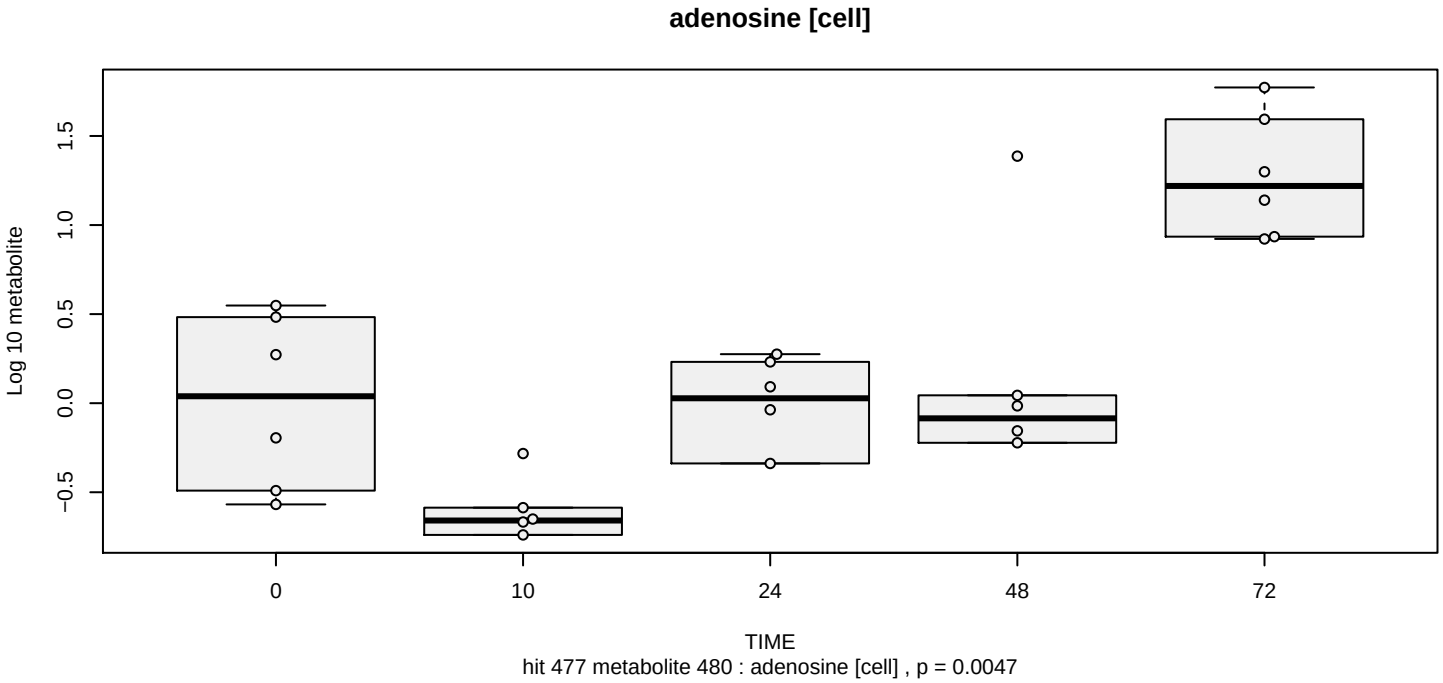
hit 474 metabolite 477 : acetylcarnitine [cell] , p = 8.2e−08



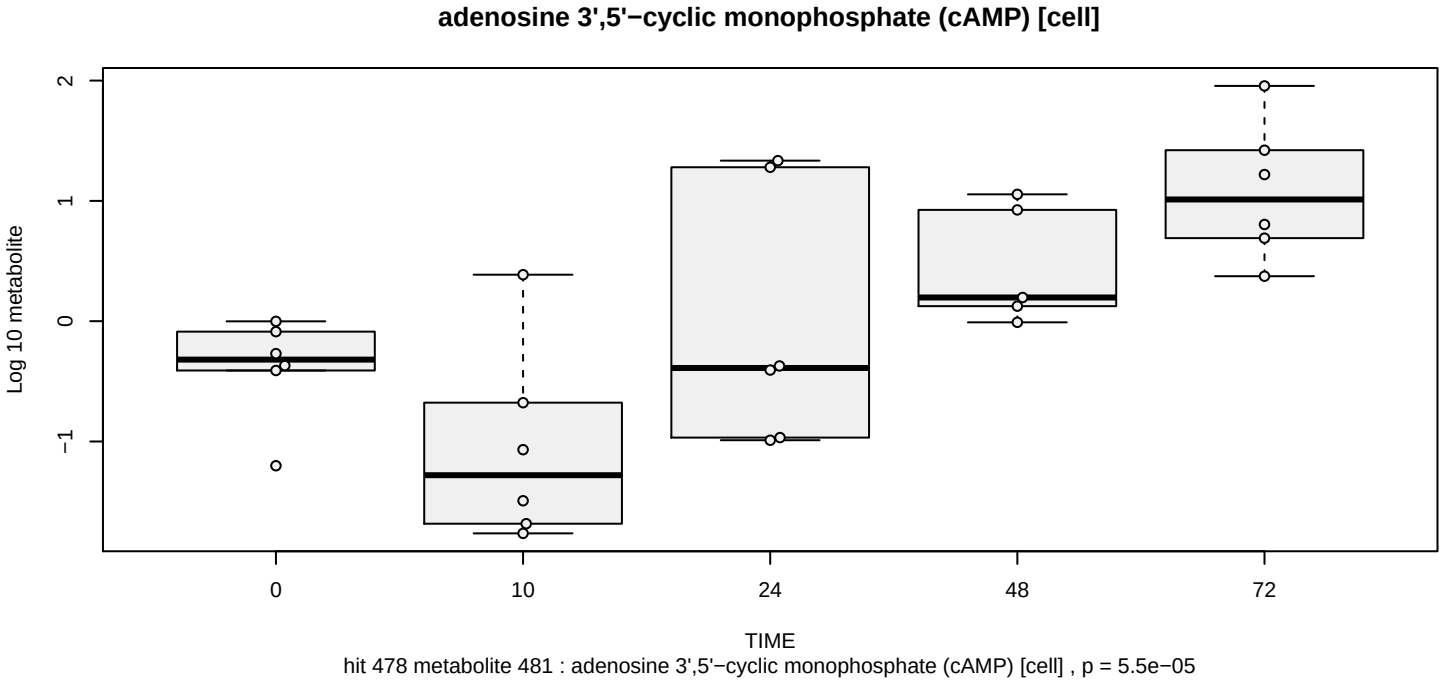
hit 475 metabolite 478 : aconitate [cis or trans] [cell] , p = 1.2e−07



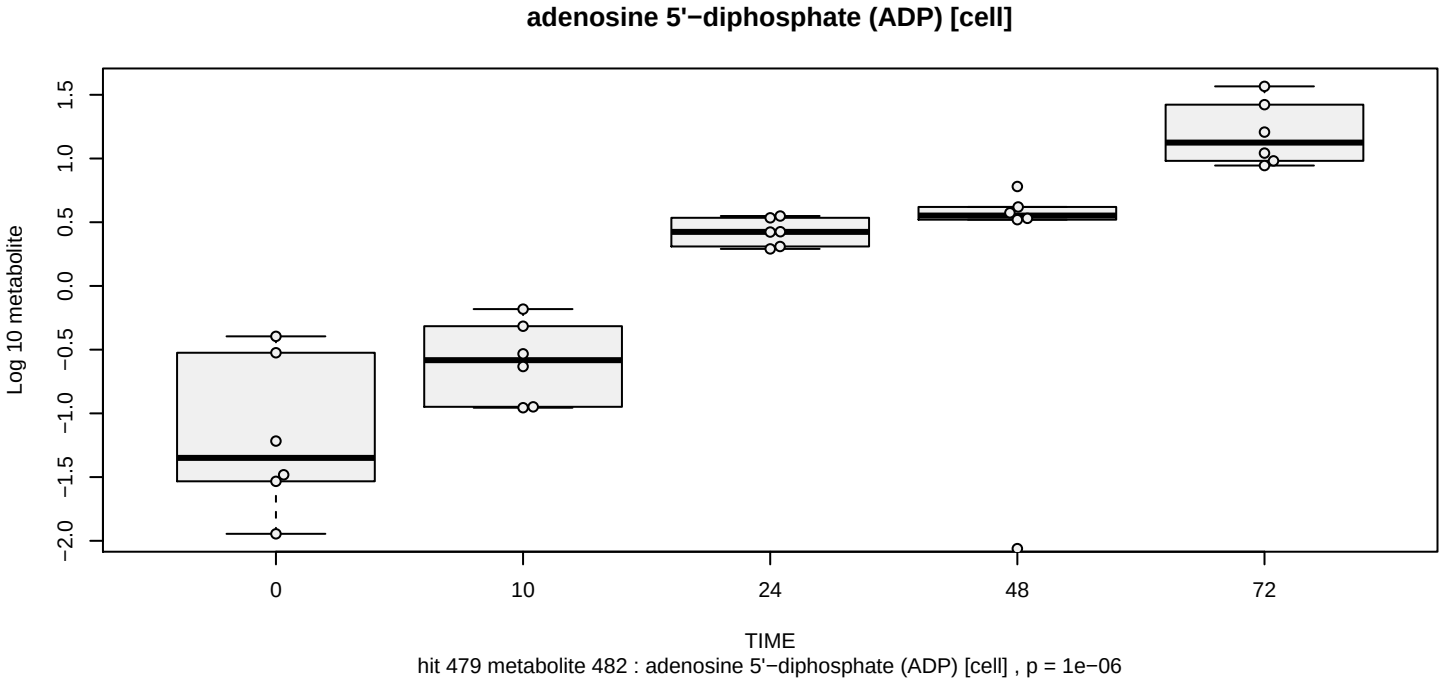
hit 476 metabolite 479 : adenine [cell] , p = 0.09



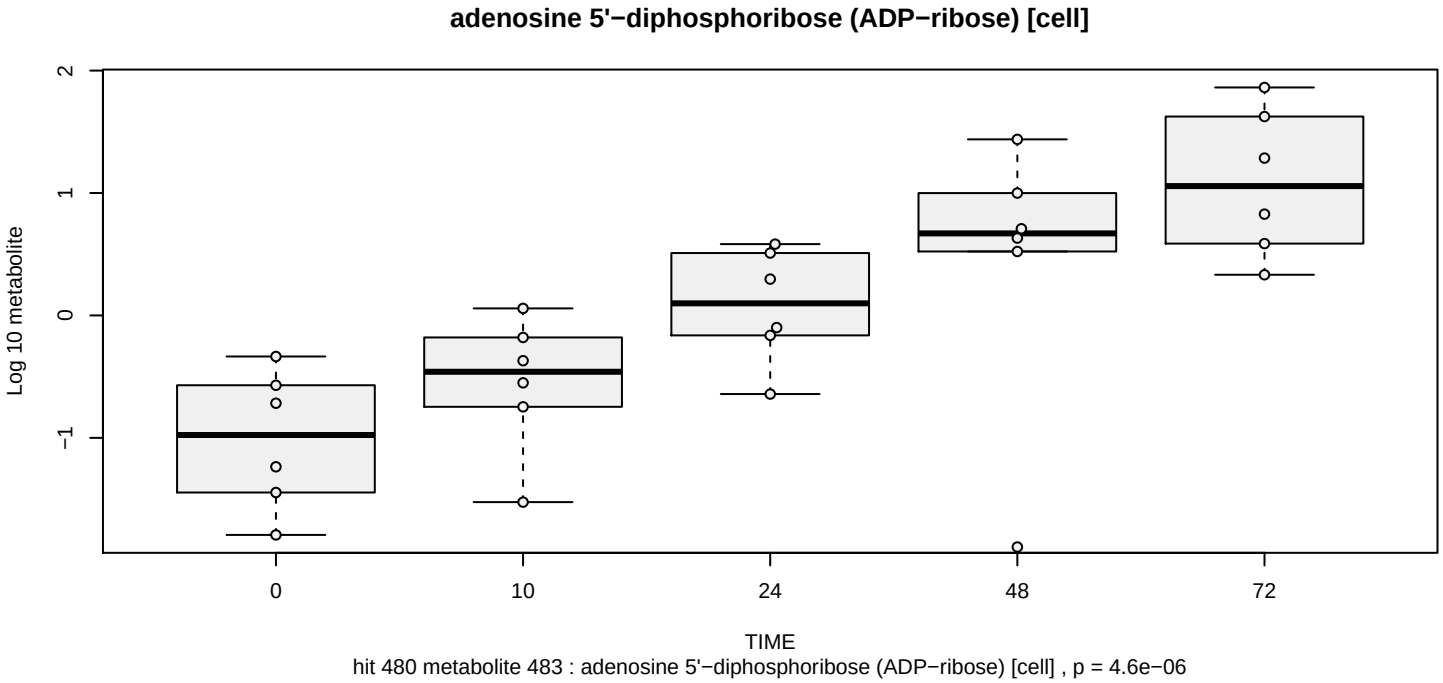
hit 477 metabolite 480 : adenosine [cell] , p = 0.0047



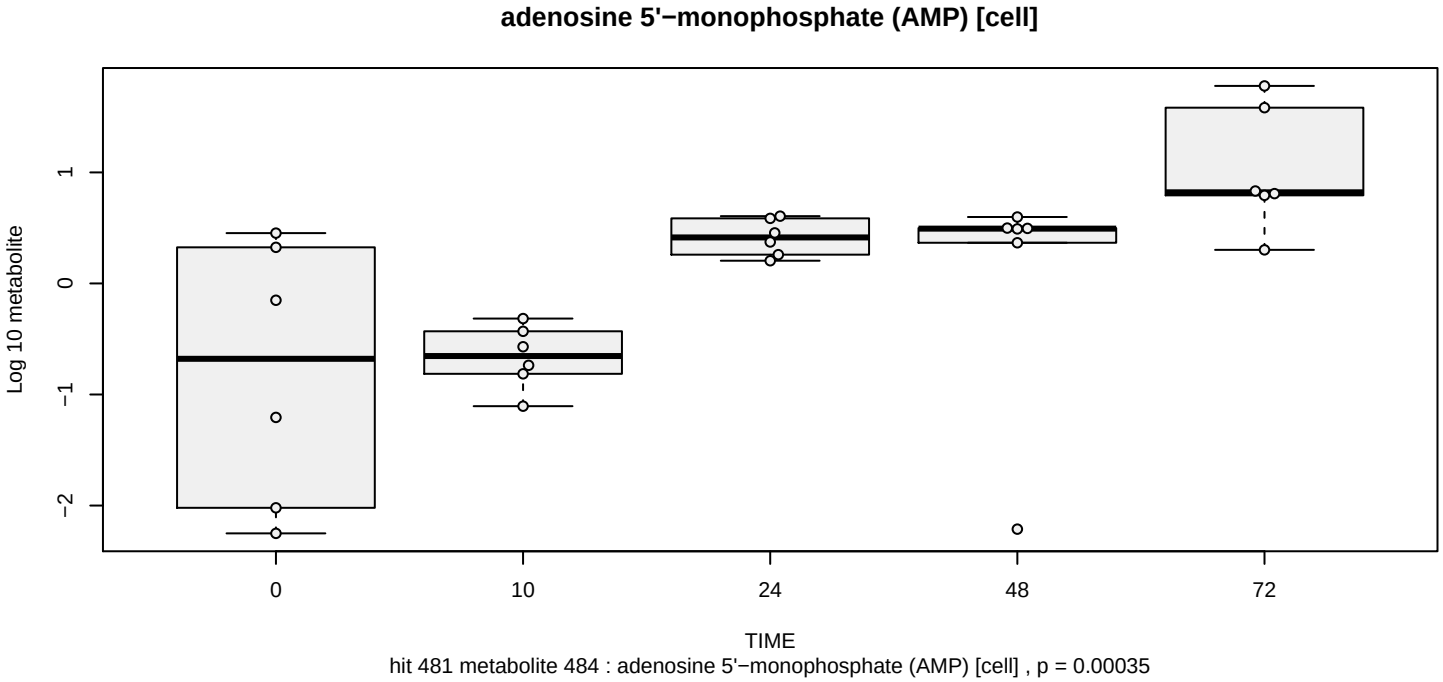
hit 478 metabolite 481 : adenosine 3',5'−cyclic monophosphate (cAMP) [cell] , p = 5.5e−05



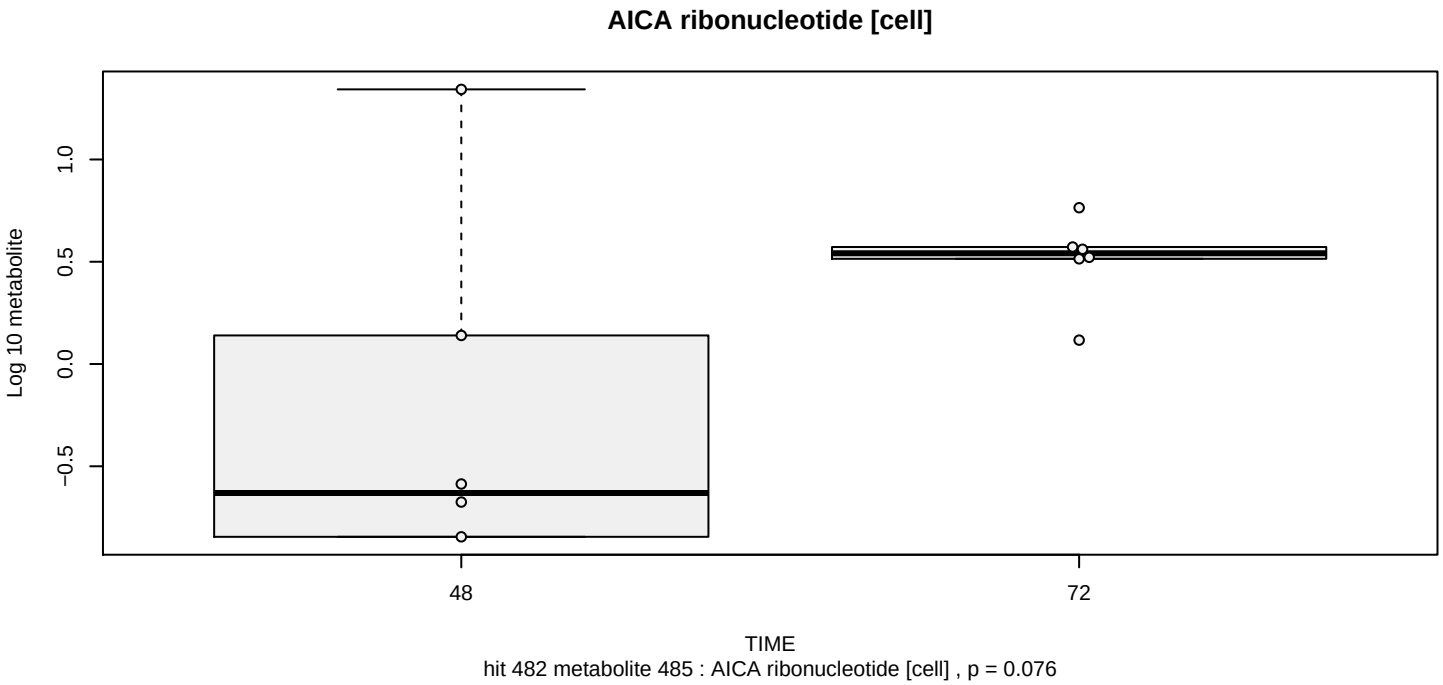
hit 479 metabolite 482 : adenosine 5'−diphosphate (ADP) [cell] , p = 1e−06



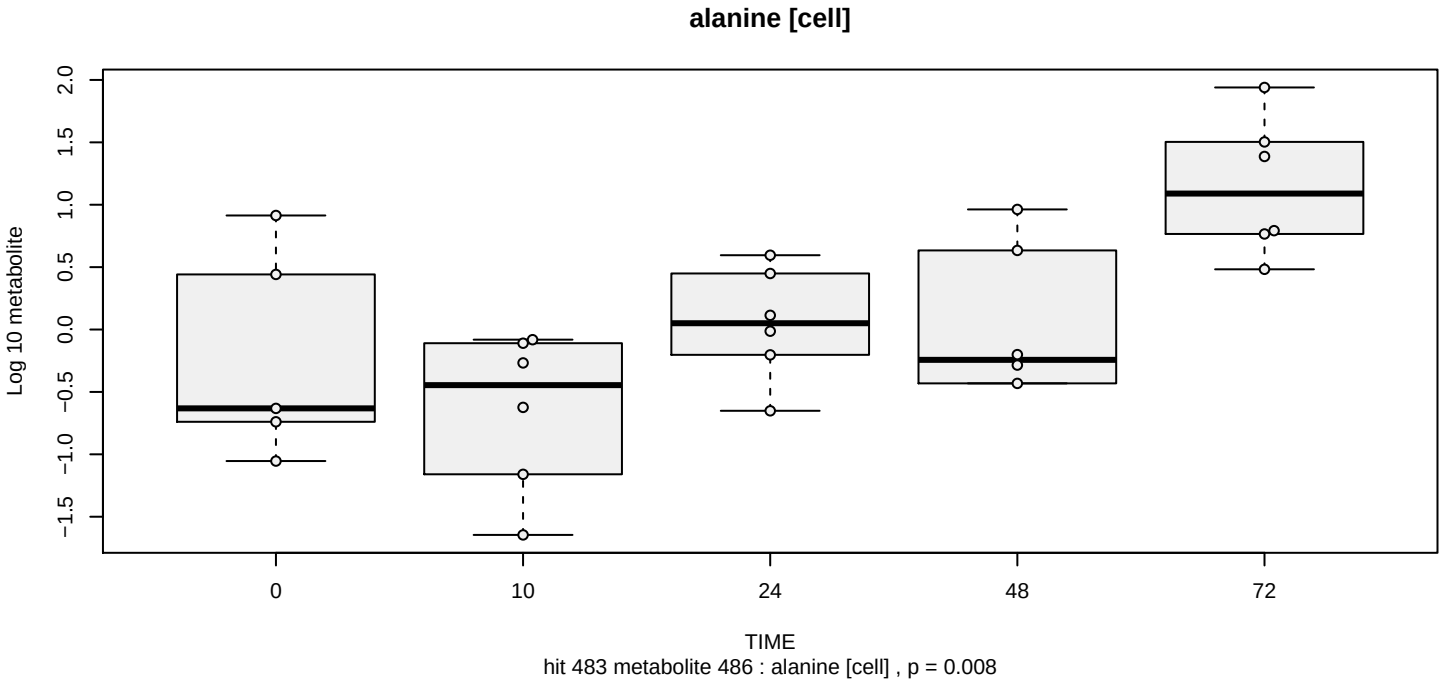
hit 480 metabolite 483 : adenosine 5'−diphosphoribose (ADP−ribose) [cell] , p = 4.6e−06



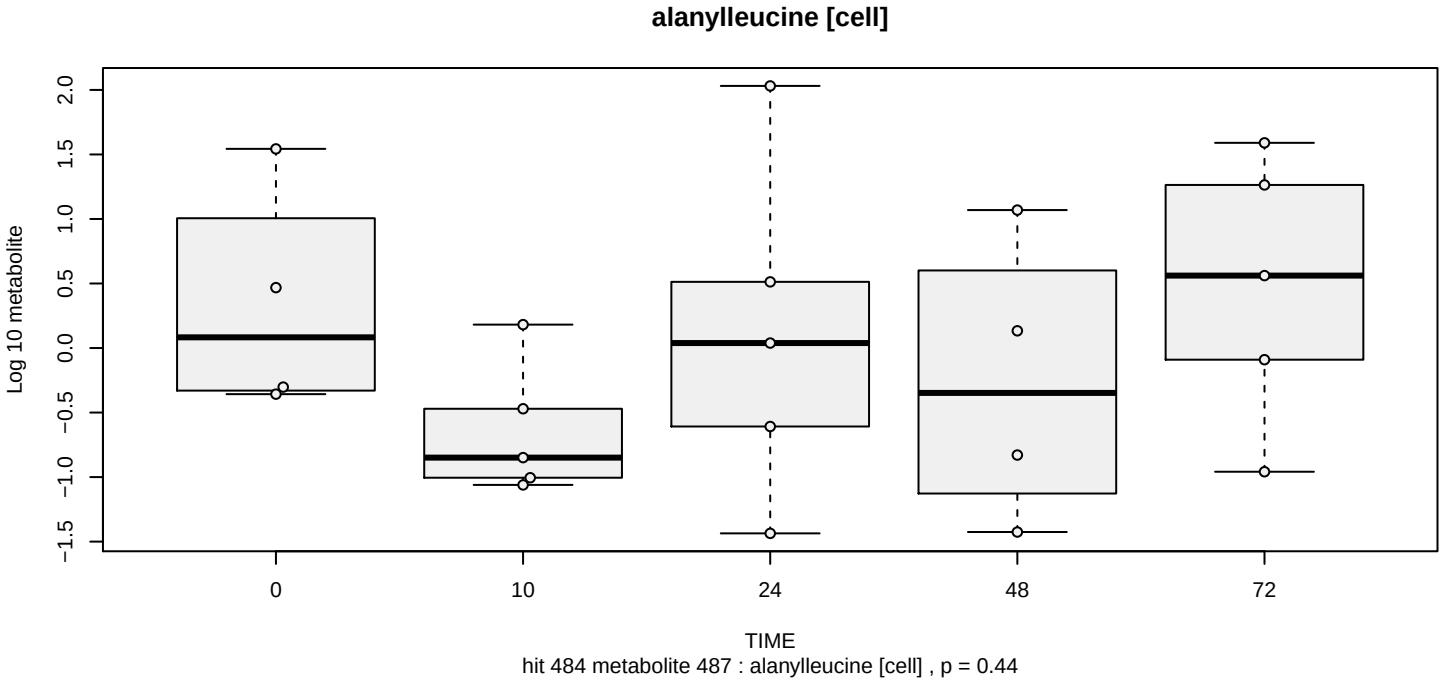
hit 481 metabolite 484 : adenosine 5'−monophosphate (AMP) [cell] , p = 0.00035



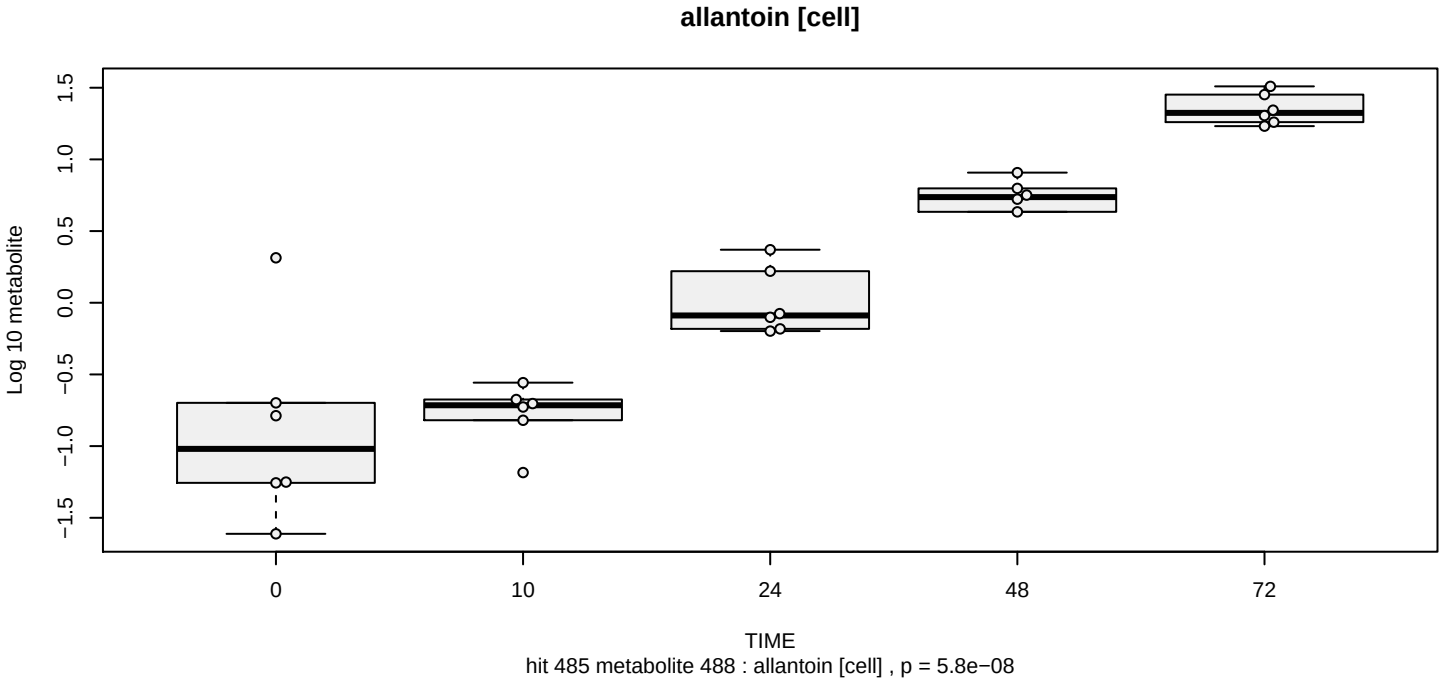
hit 482 metabolite 485 : AICA ribonucleotide [cell] , p = 0.076



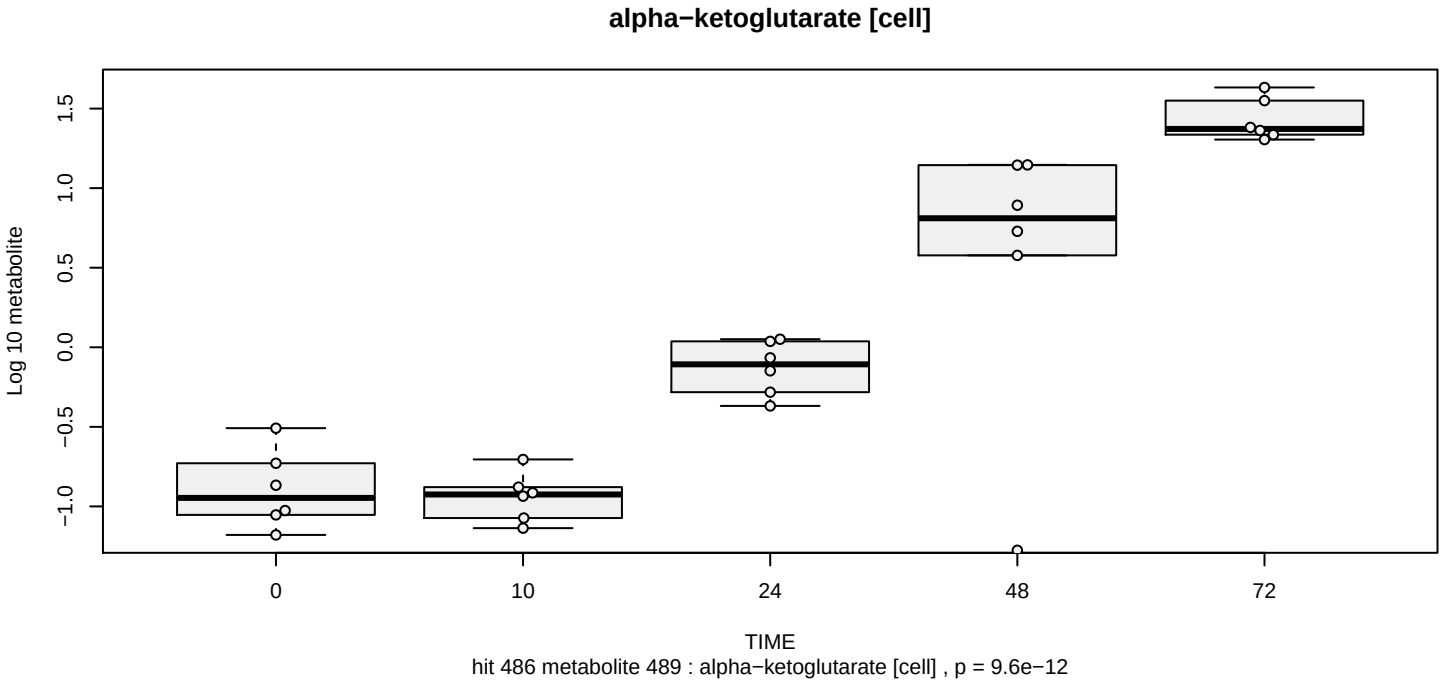
hit 483 metabolite 486 : alanine [cell] , p = 0.008



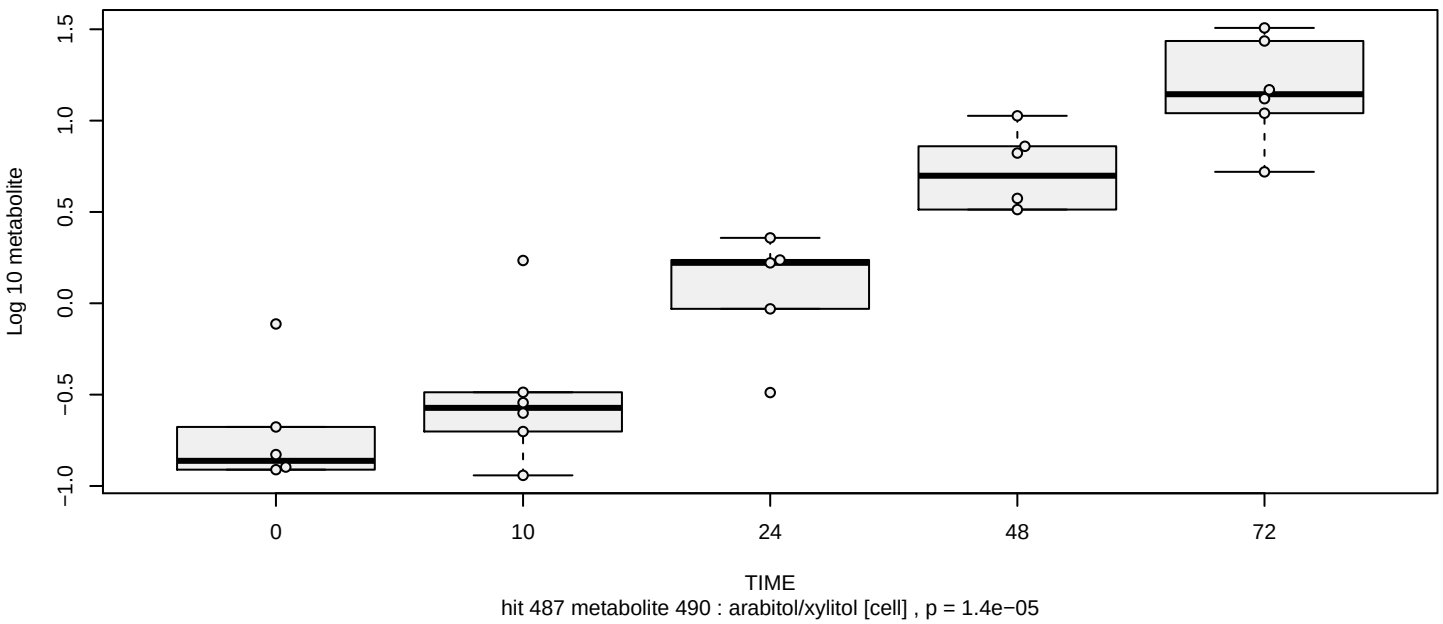
hit 484 metabolite 487 : alanylleucine [cell] , p = 0.44



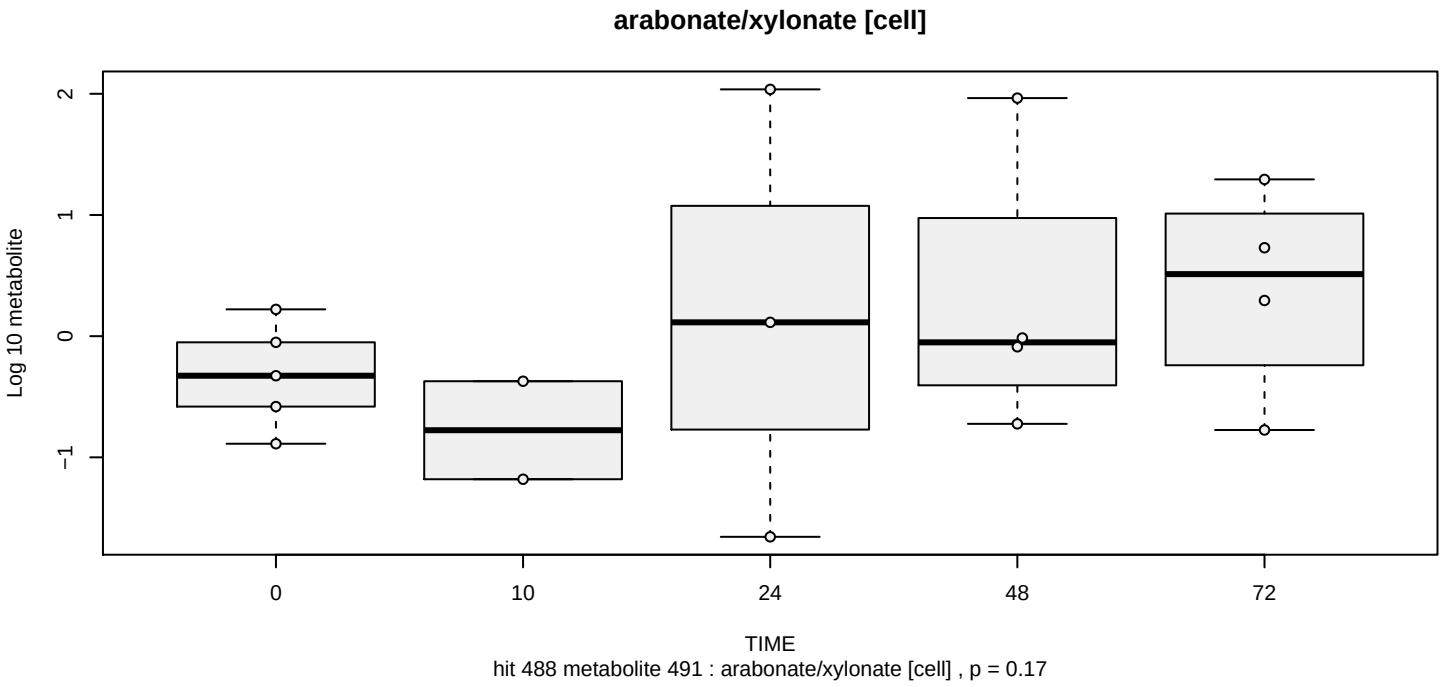
hit 485 metabolite 488 : allantoin [cell] , p = 5.8e−08



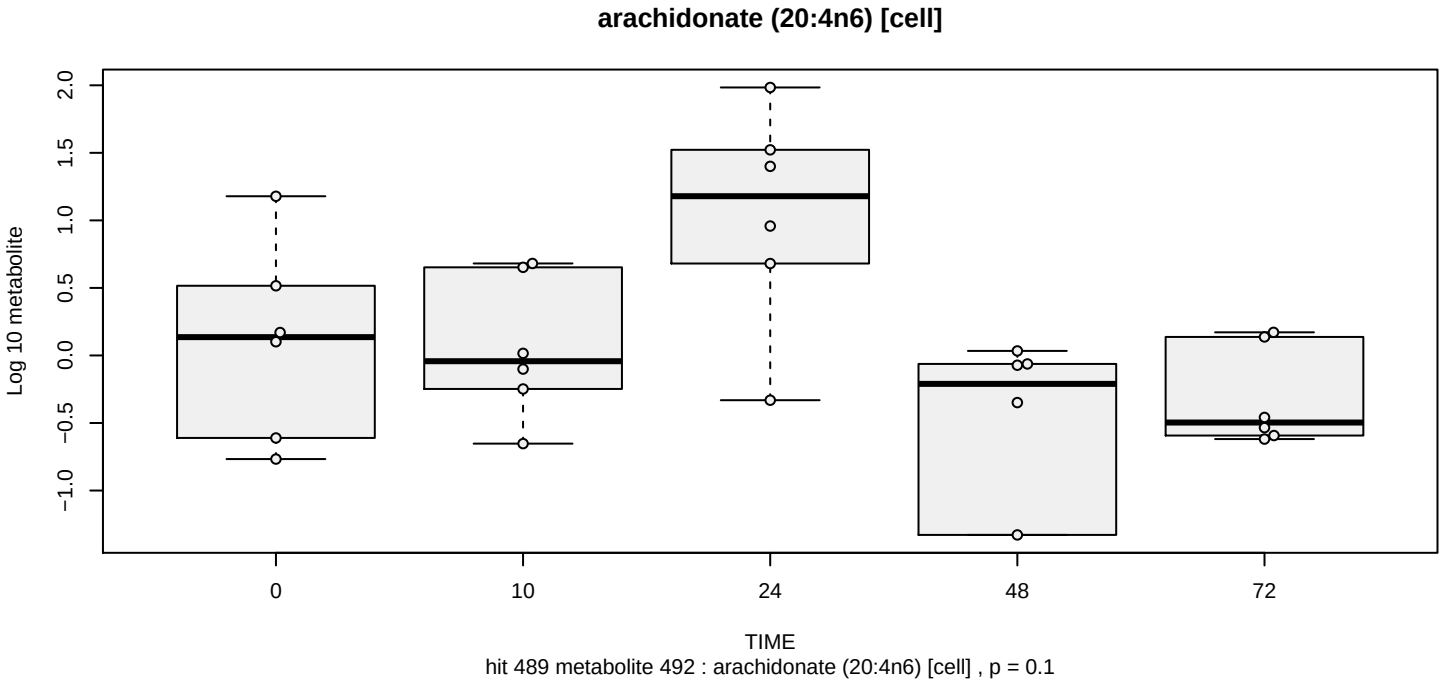
hit 486 metabolite 489 : alpha−ketoglutarate [cell] , p = 9.6e−12



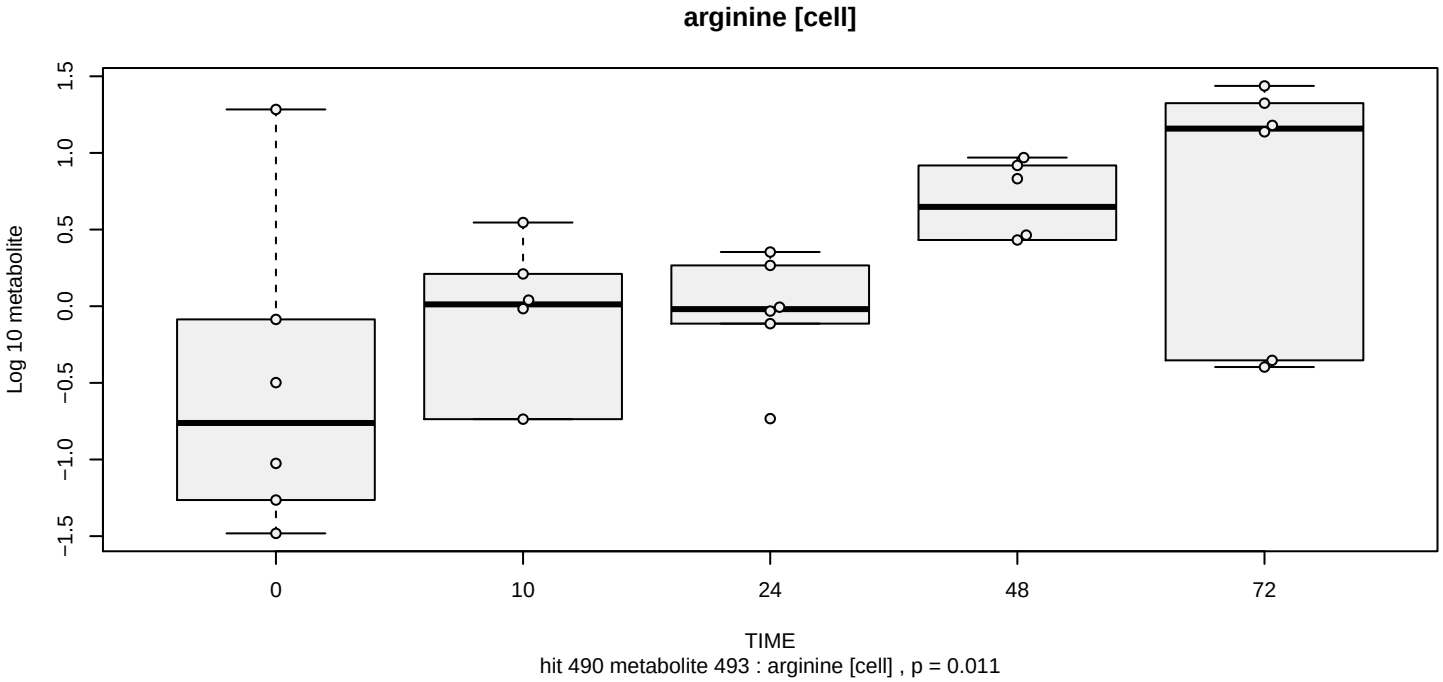
hit 487 metabolite 490 : arabitol/xylitol [cell] , p = 1.4e−05



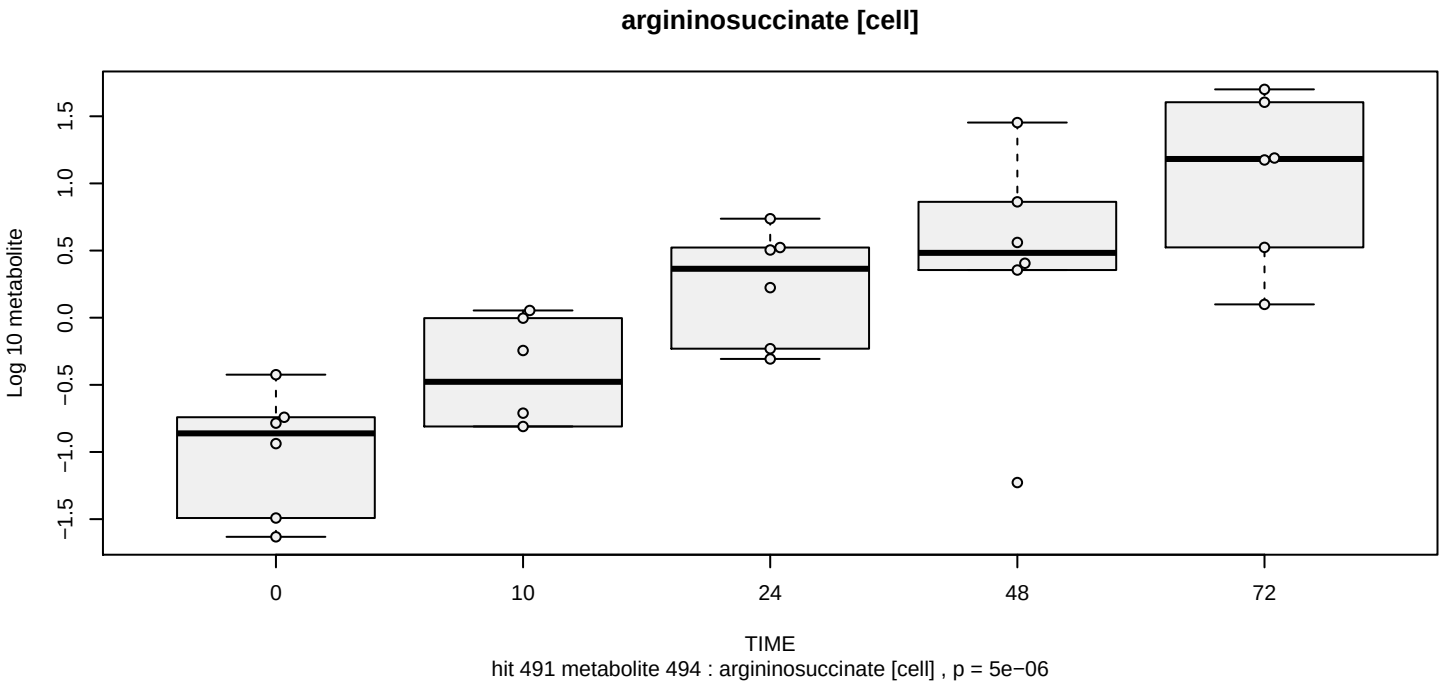
hit 488 metabolite 491 : arabonate/xylonate [cell] , p = 0.17



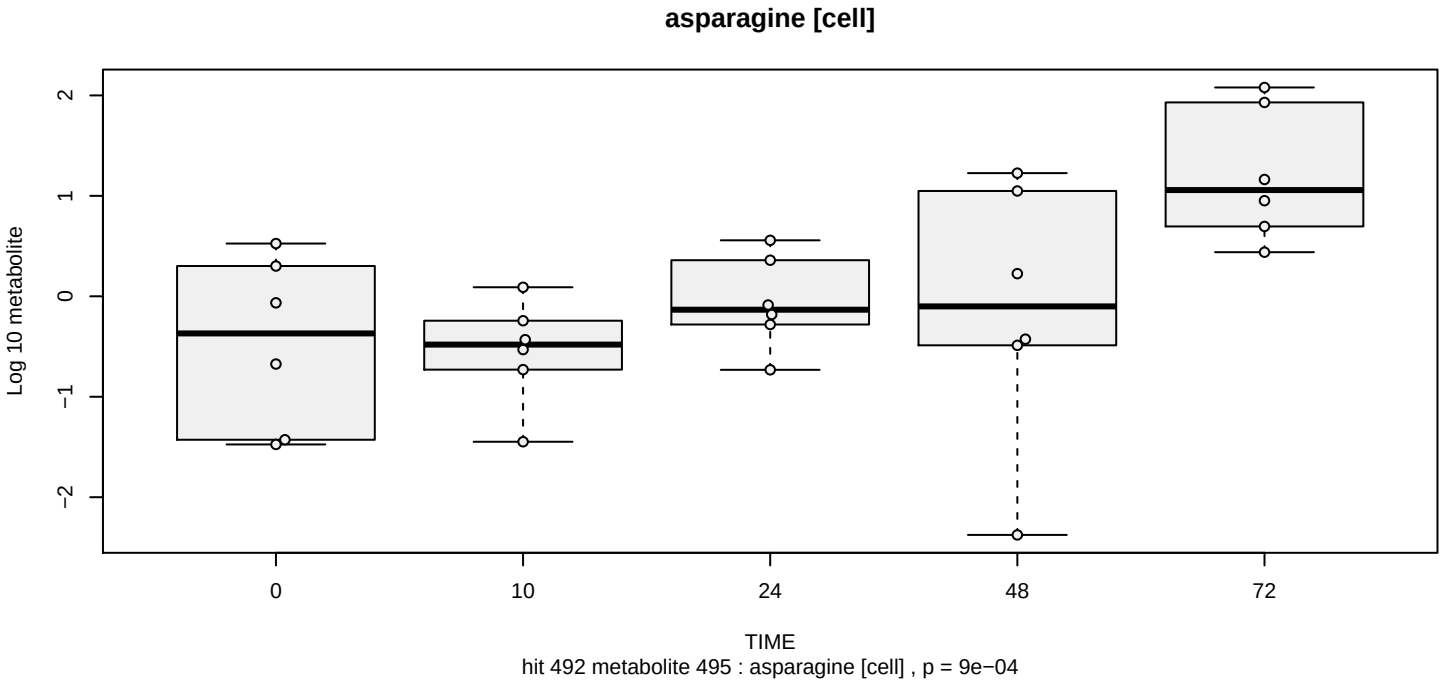
hit 489 metabolite 492 : arachidonate (20:4n6) [cell] , p = 0.1



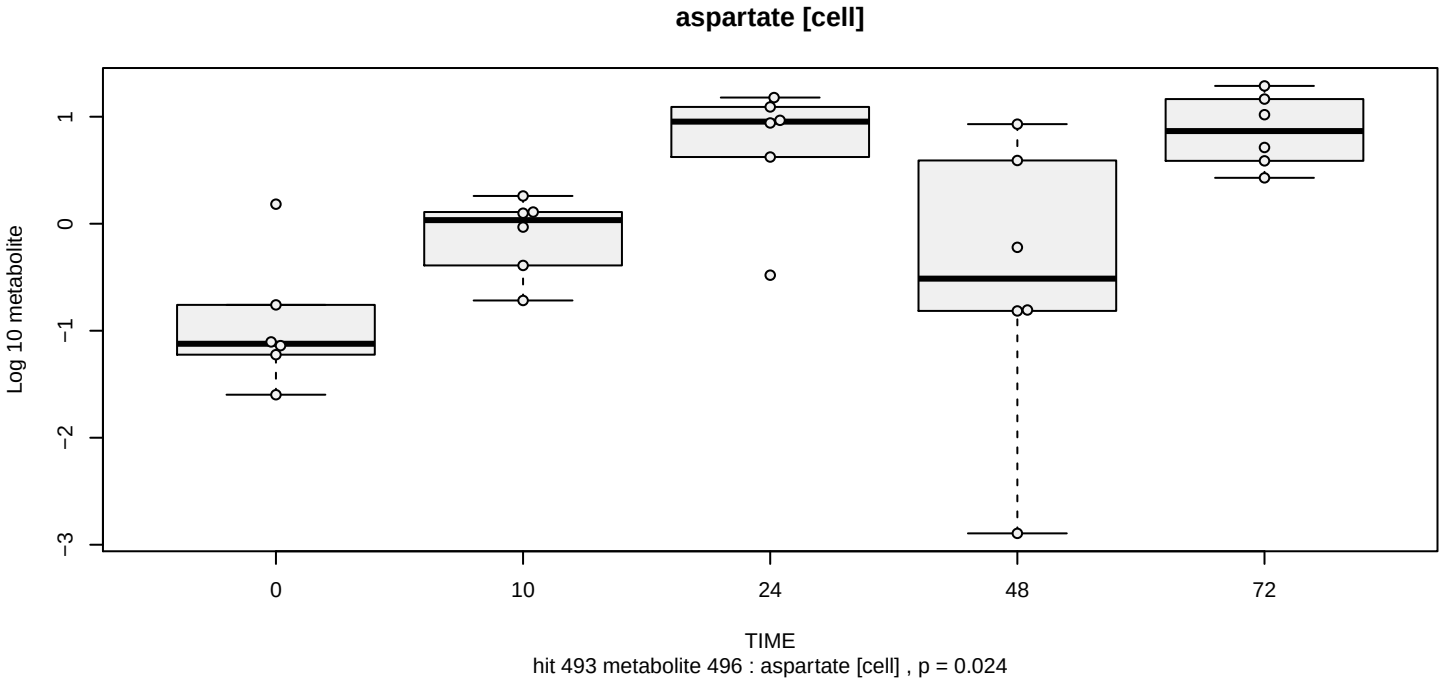
hit 490 metabolite 493 : arginine [cell] , p = 0.011



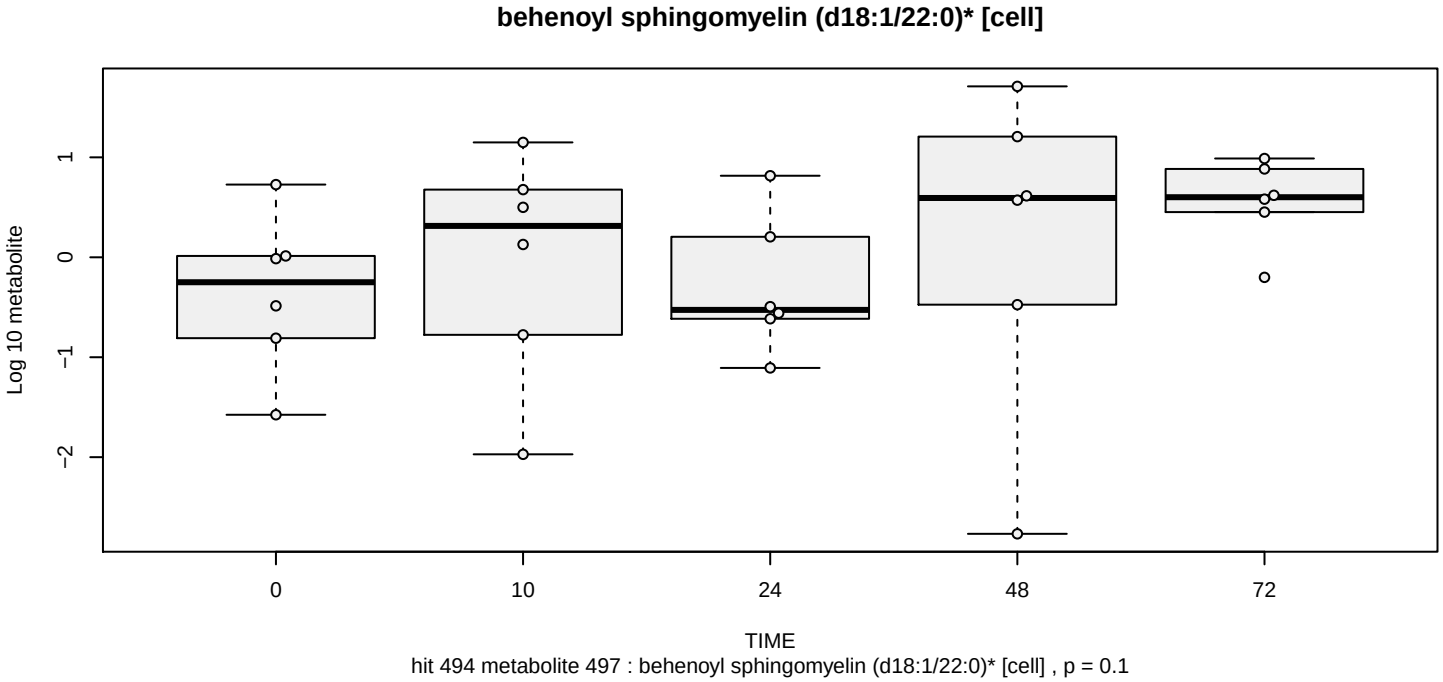
hit 491 metabolite 494 : argininosuccinate [cell] , p = 5e−06



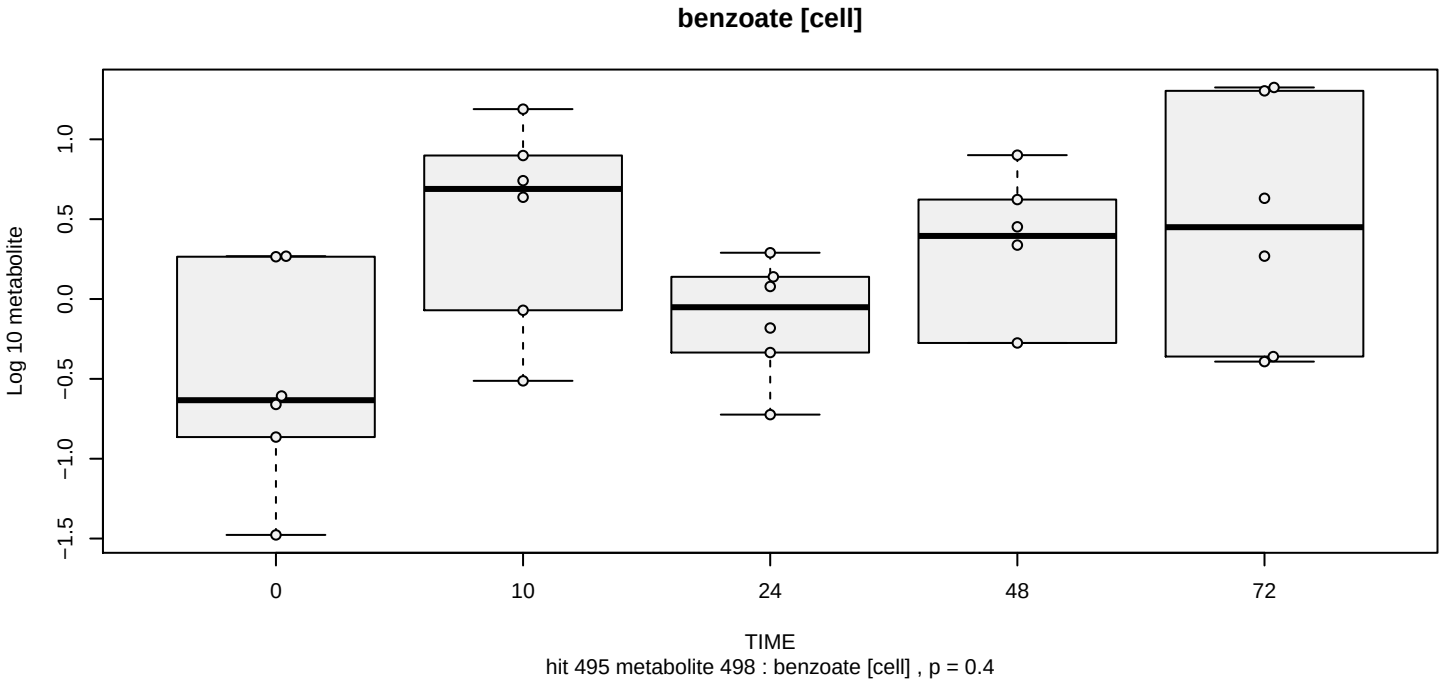
hit 492 metabolite 495 : asparagine [cell] , p = 9e−04



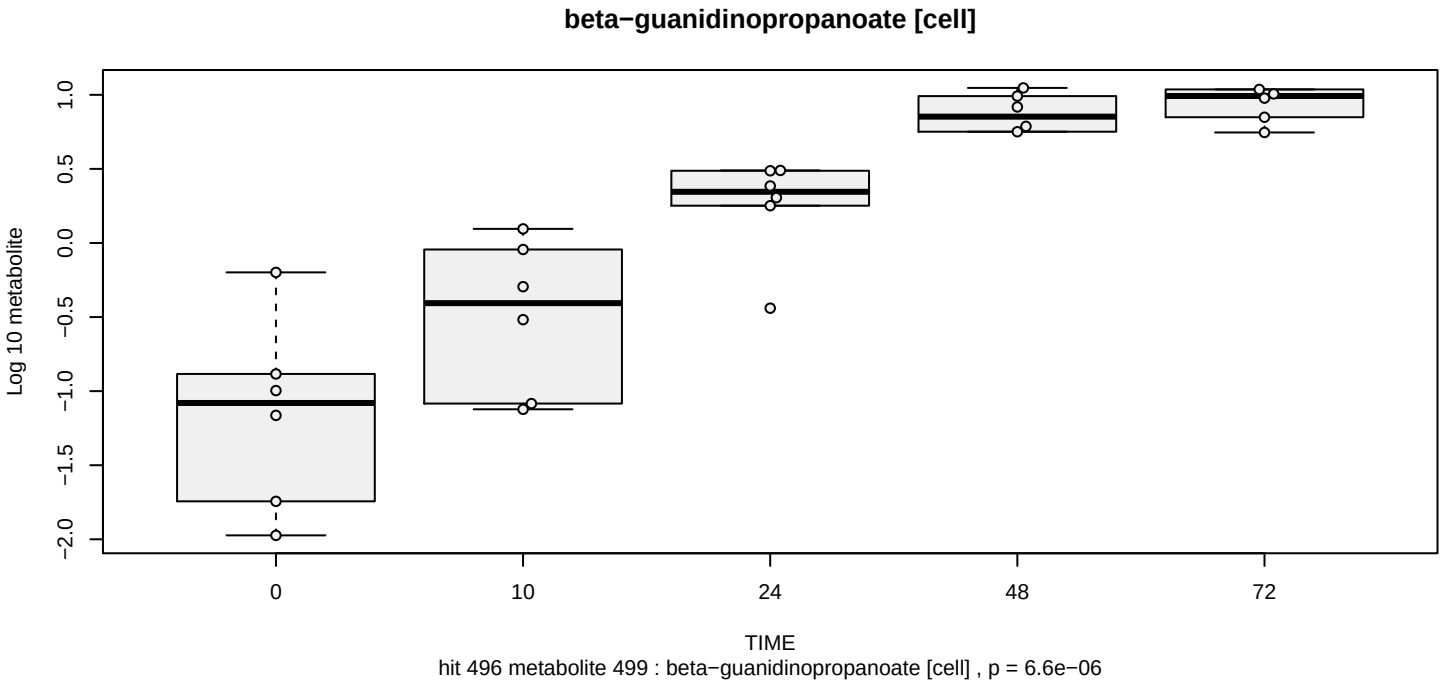
hit 493 metabolite 496 : aspartate [cell] , p = 0.024



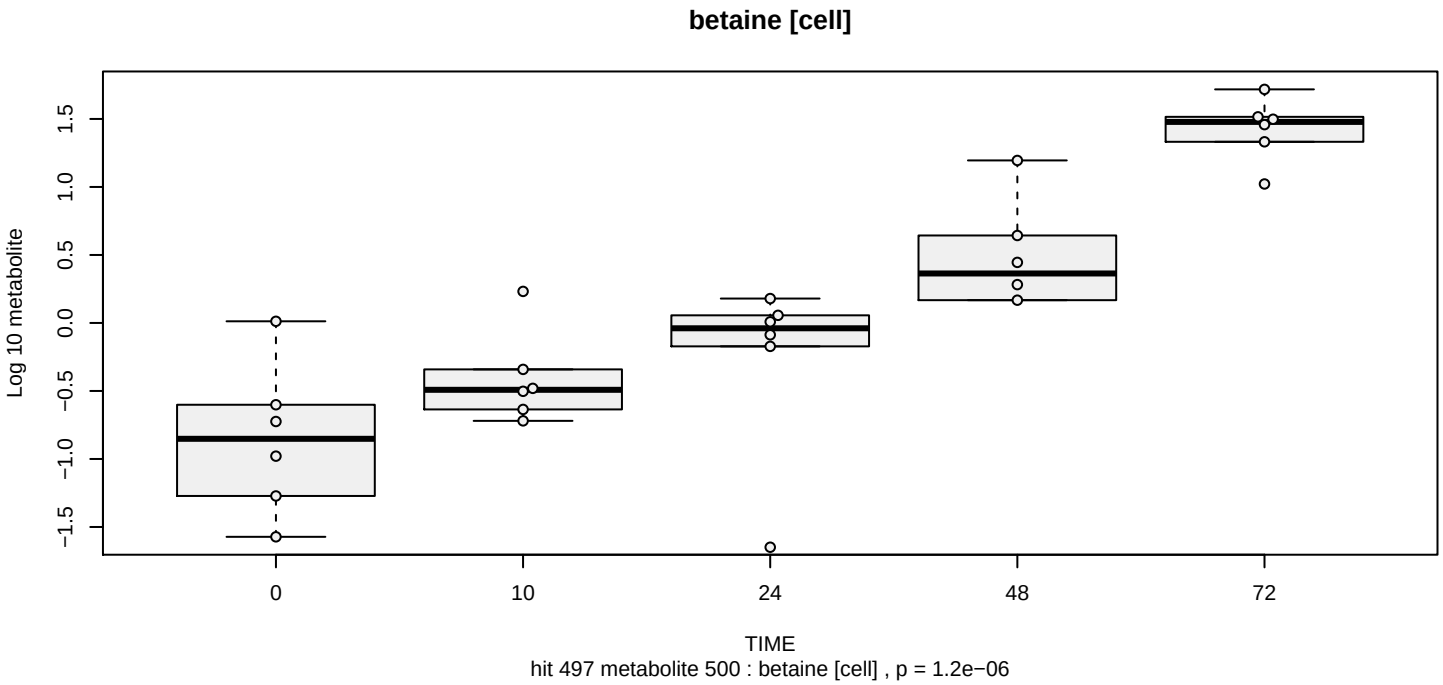
hit 494 metabolite 497 : behenoyl sphingomyelin (d18:1/22:0)* [cell] , p = 0.1



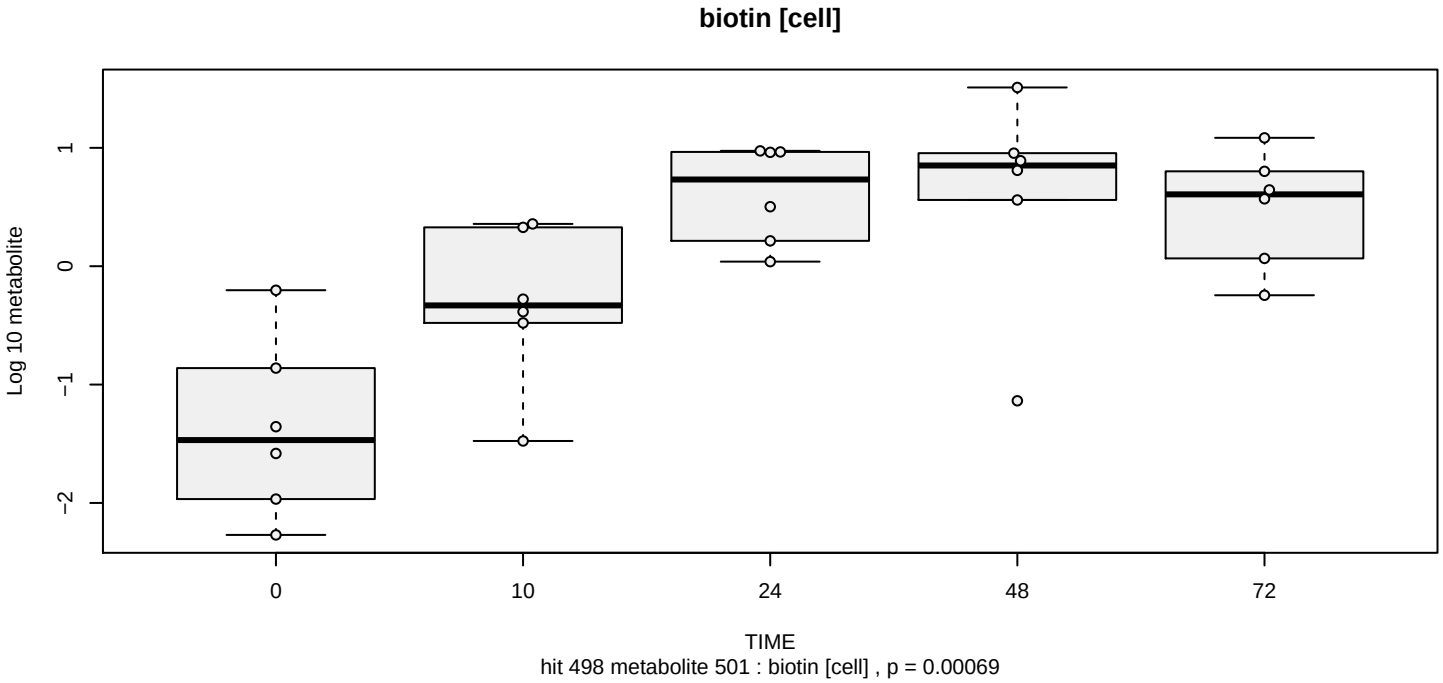
hit 495 metabolite 498 : benzoate [cell] , p = 0.4



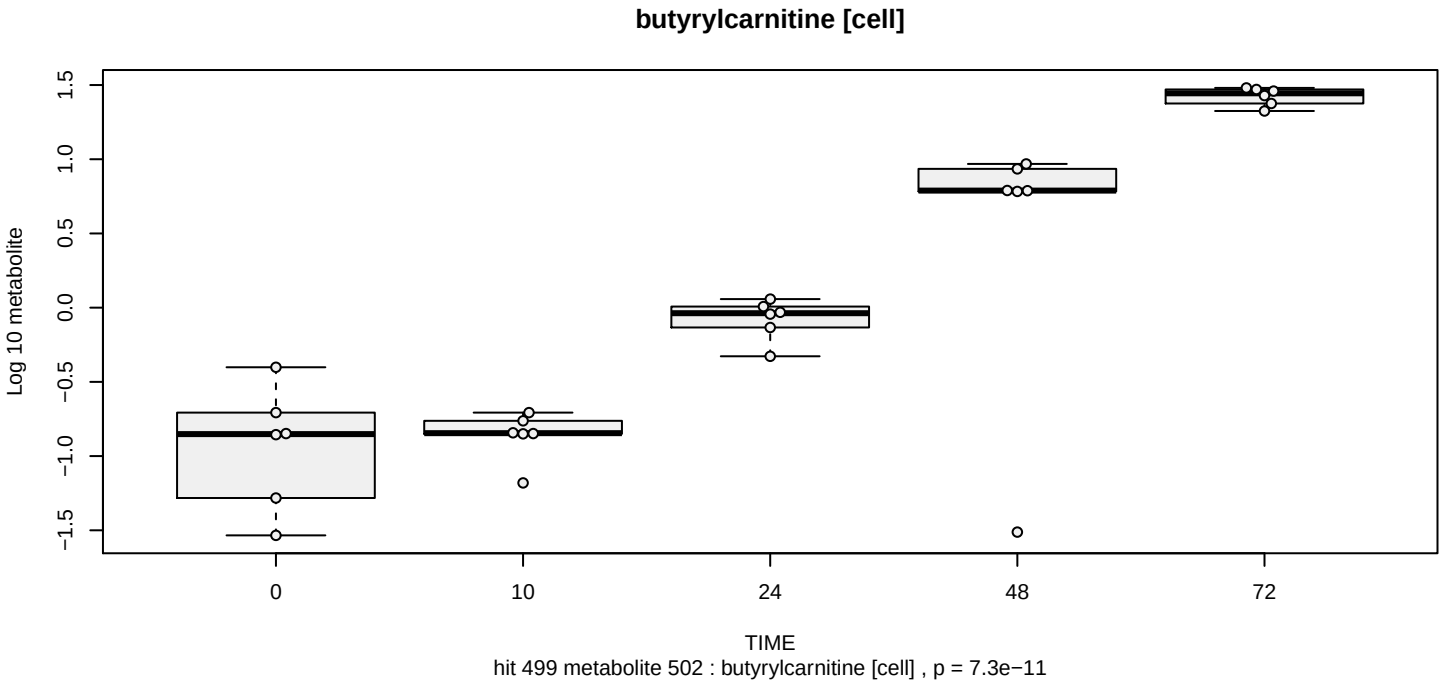
hit 496 metabolite 499 : beta−guanidinopropanoate [cell] , p = 6.6e−06



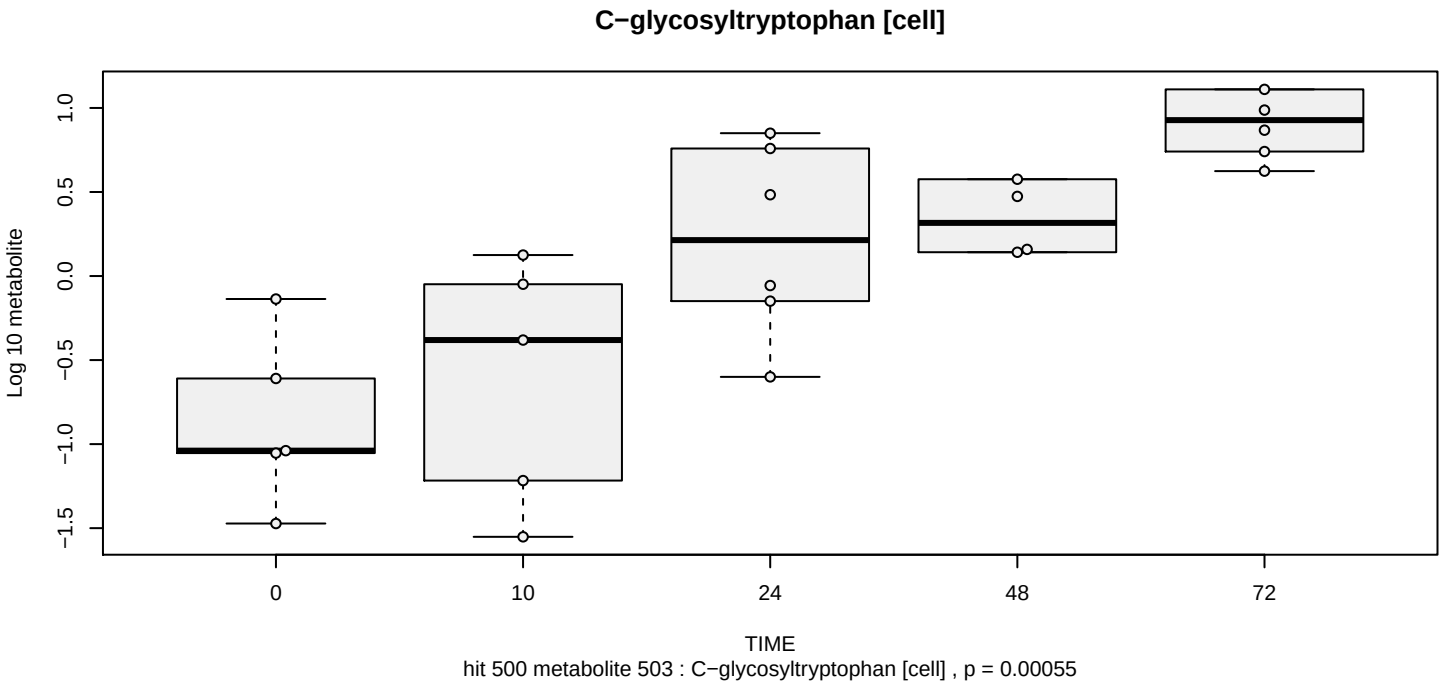
hit 497 metabolite 500 : betaine [cell] , p = 1.2e−06



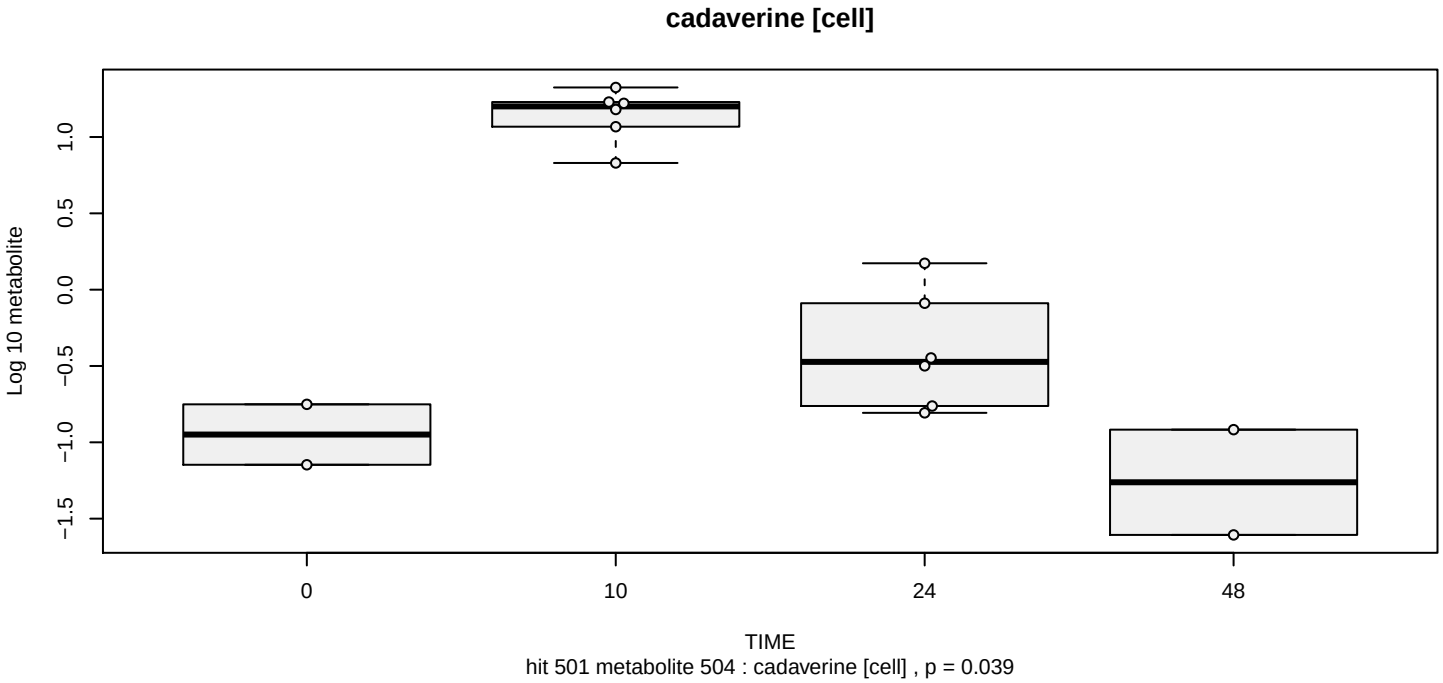
hit 498 metabolite 501 : biotin [cell] , p = 0.00069



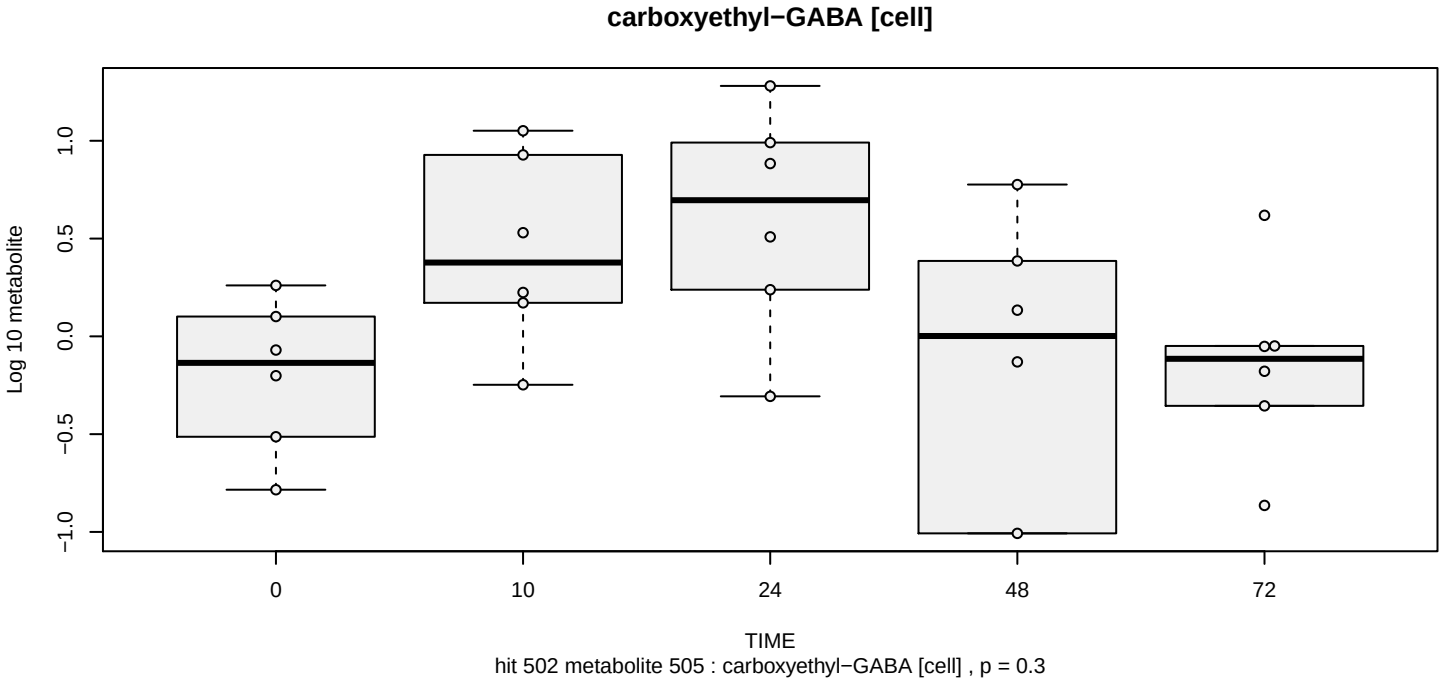
hit 499 metabolite 502 : butyrylcarnitine [cell] , p = 7.3e−11



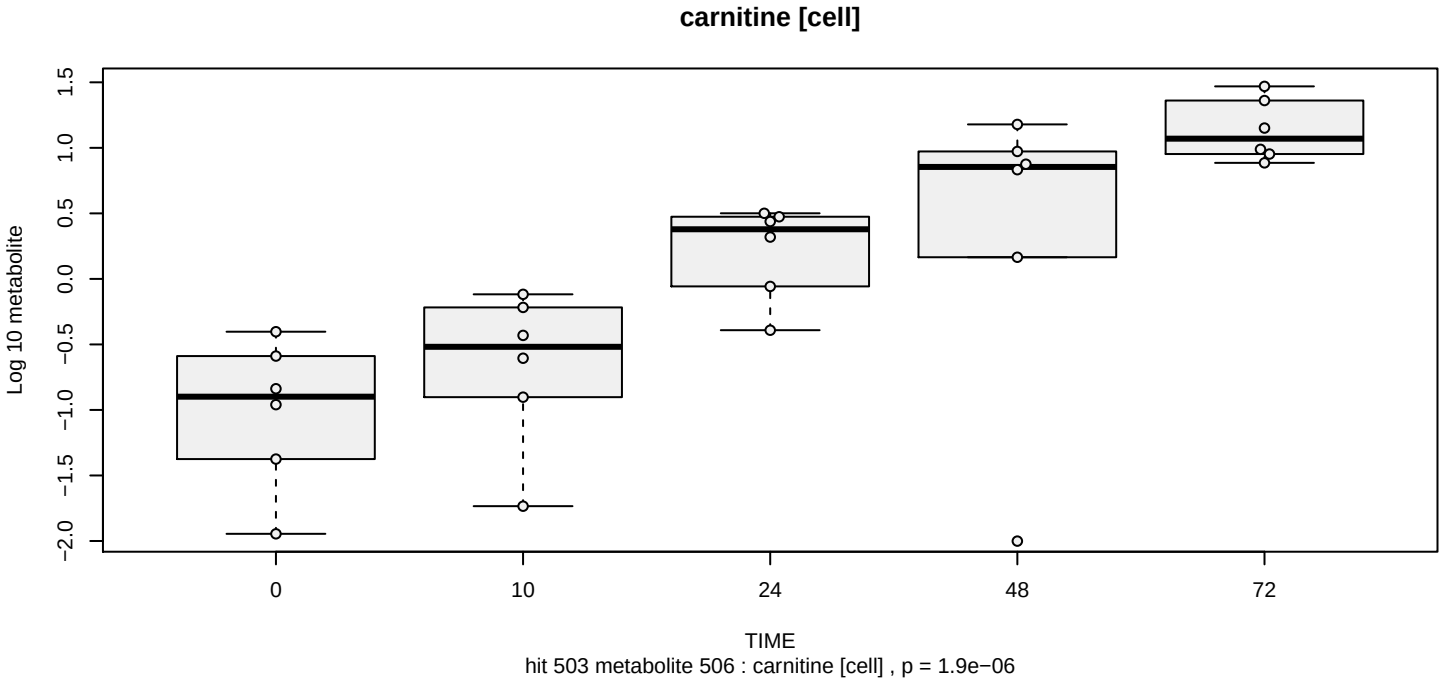
hit 500 metabolite 503 : C−glycosyltryptophan [cell] , p = 0.00055



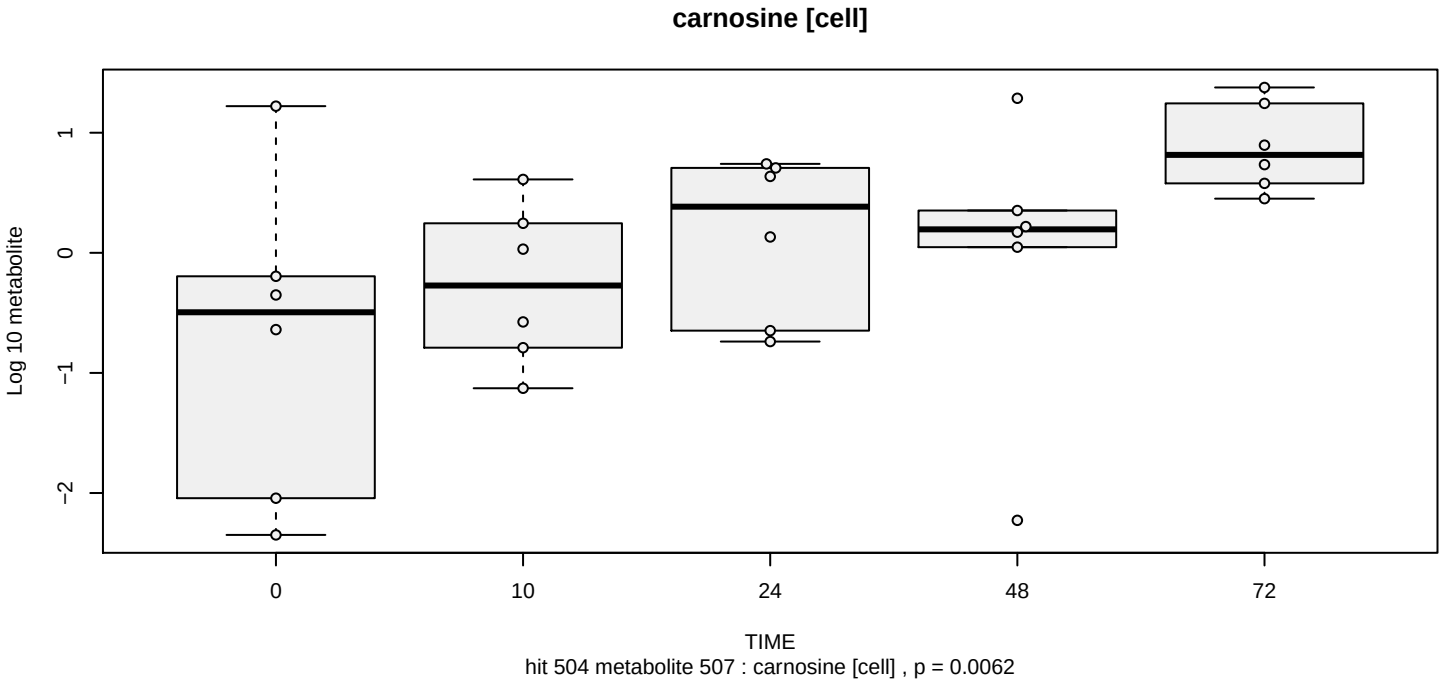
hit 501 metabolite 504 : cadaverine [cell] , p = 0.039



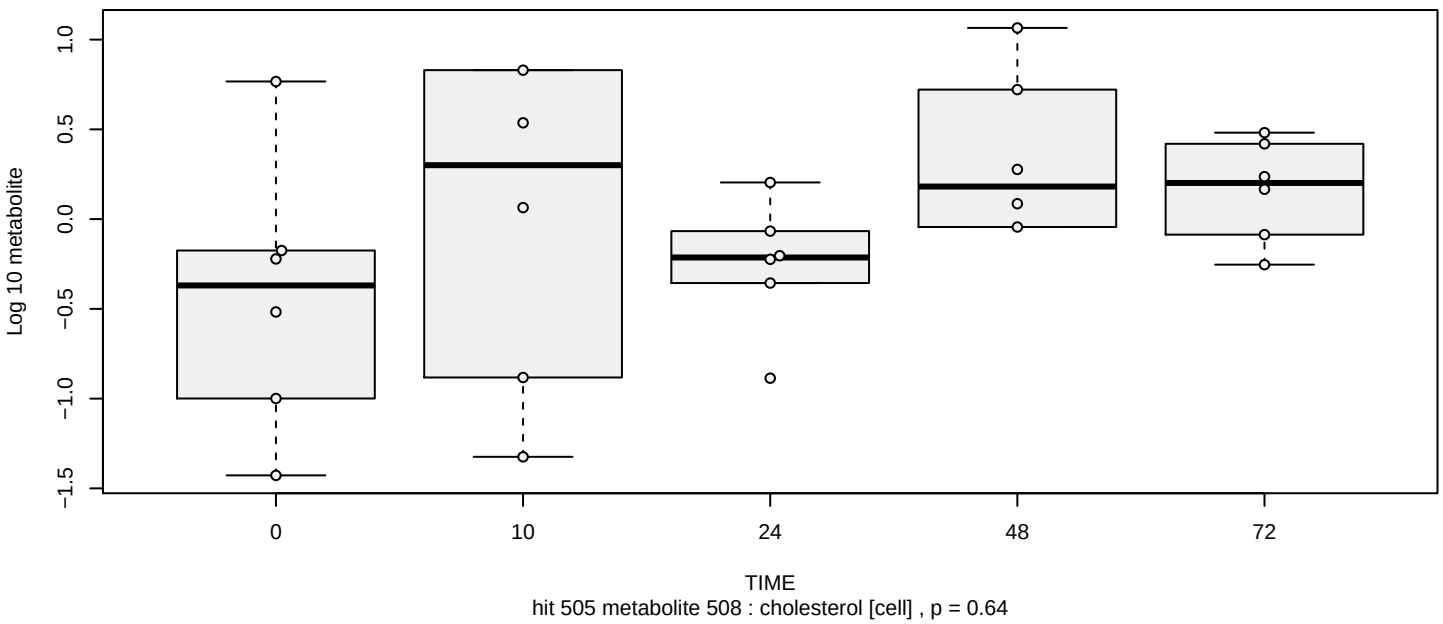
hit 502 metabolite 505 : carboxyethyl−GABA [cell] , p = 0.3



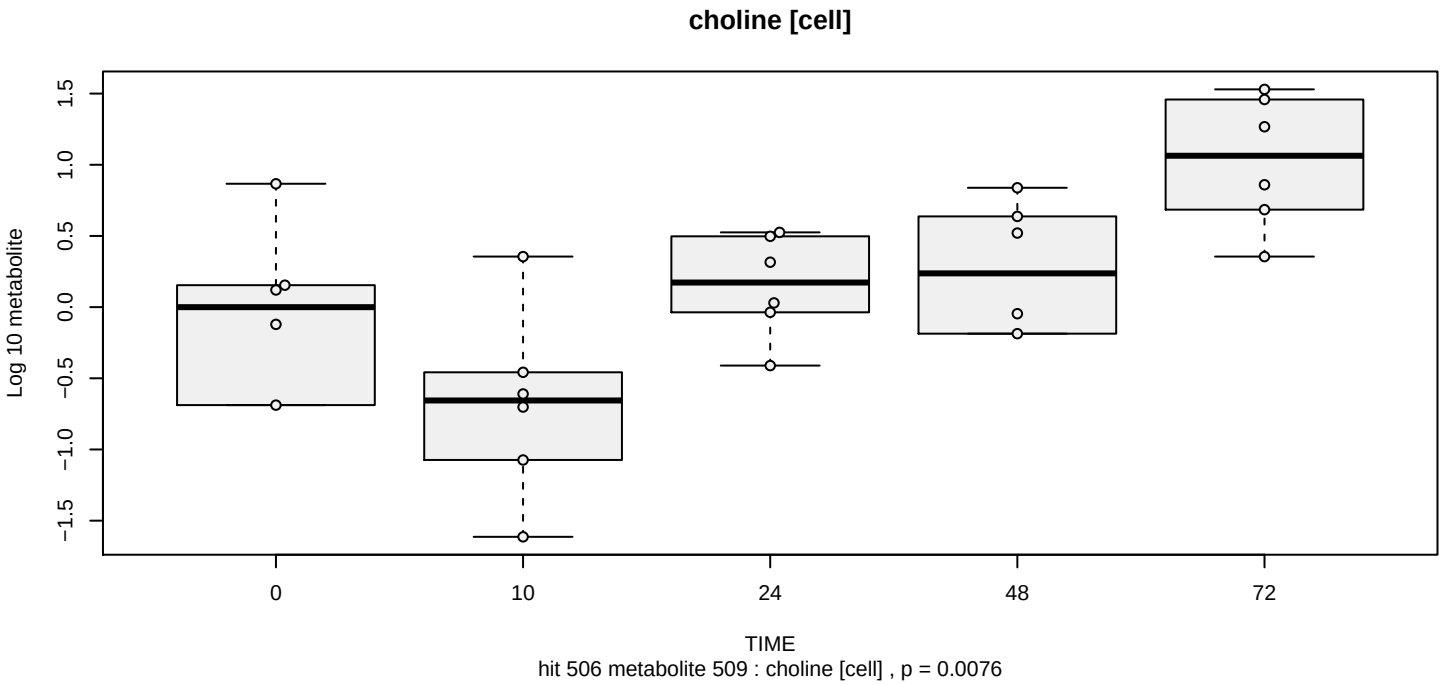
hit 503 metabolite 506 : carnitine [cell] , p = 1.9e−06



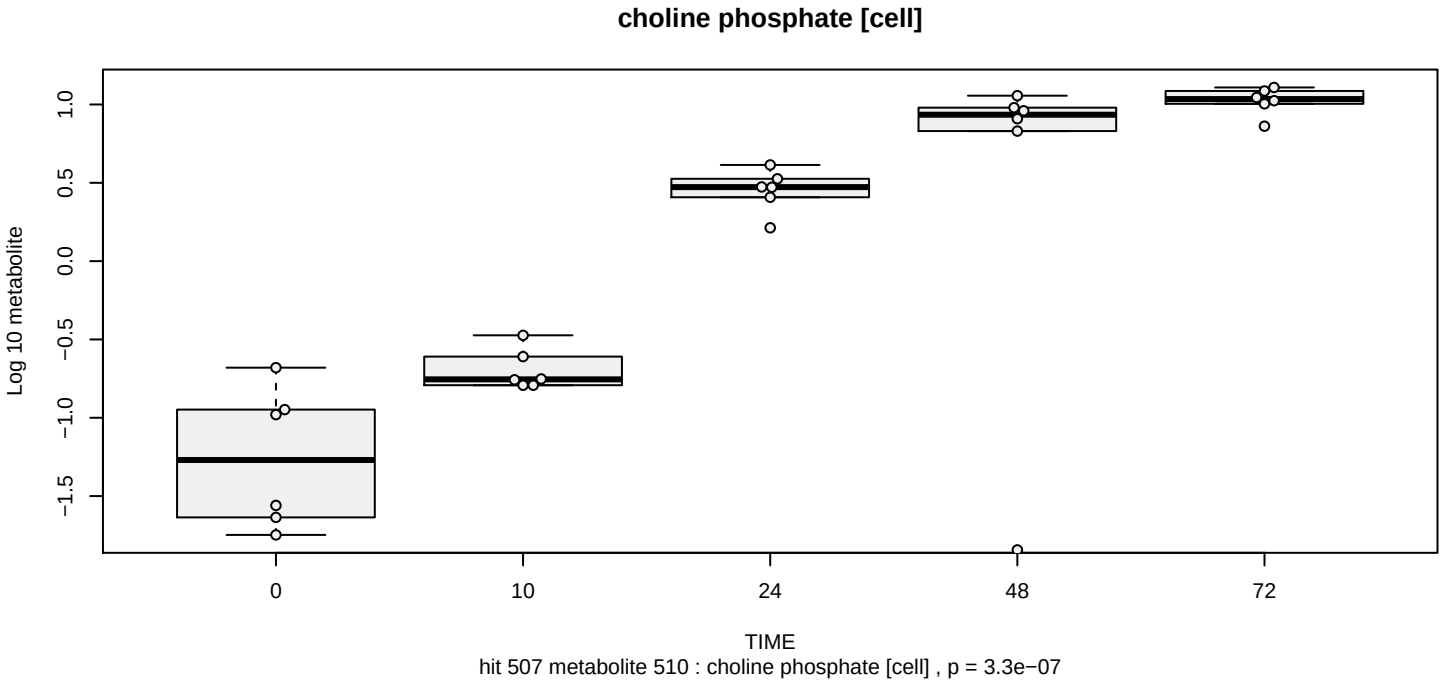
hit 504 metabolite 507 : carnosine [cell] , p = 0.0062



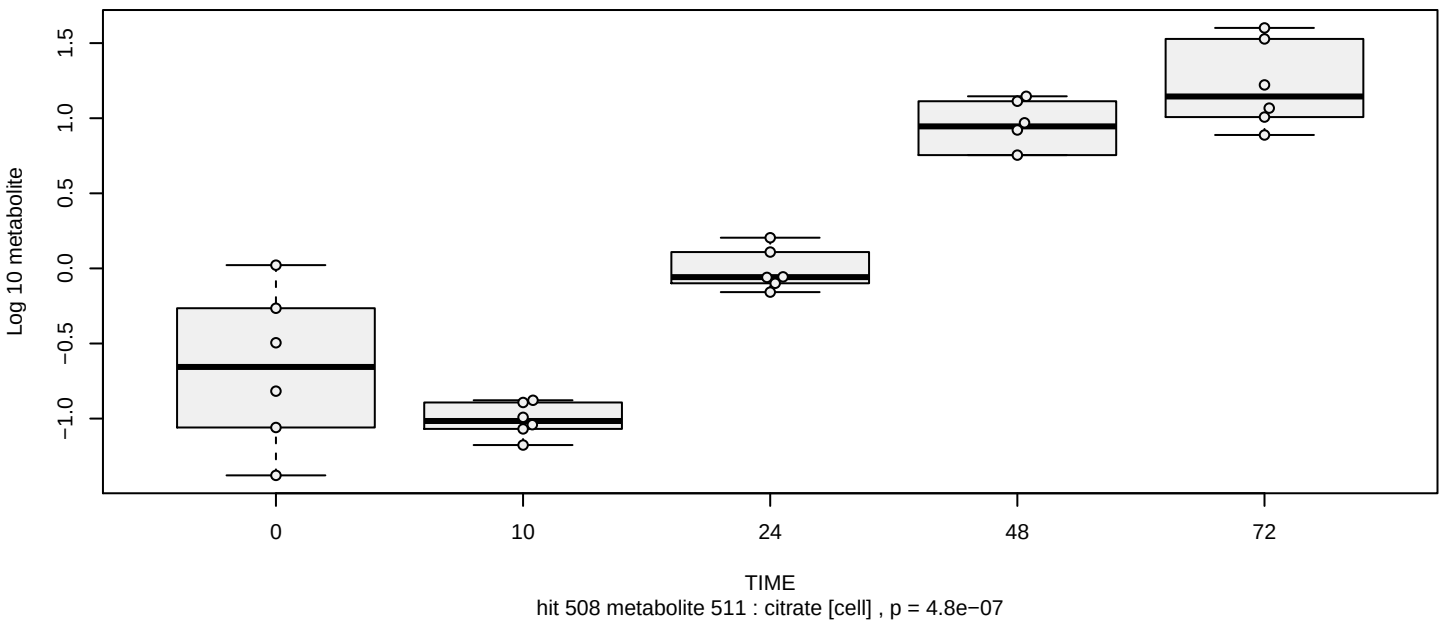
hit 505 metabolite 508 : cholesterol [cell] , p = 0.64



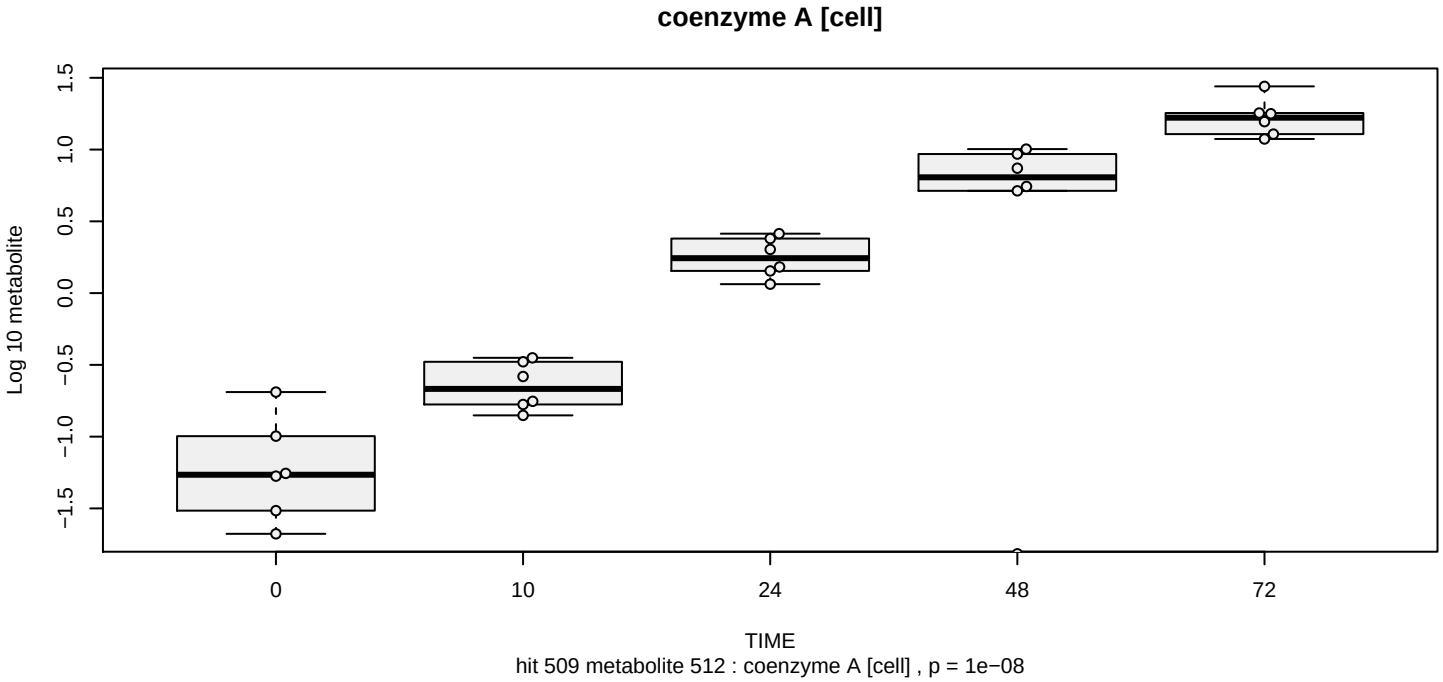
hit 506 metabolite 509 : choline [cell] , p = 0.0076



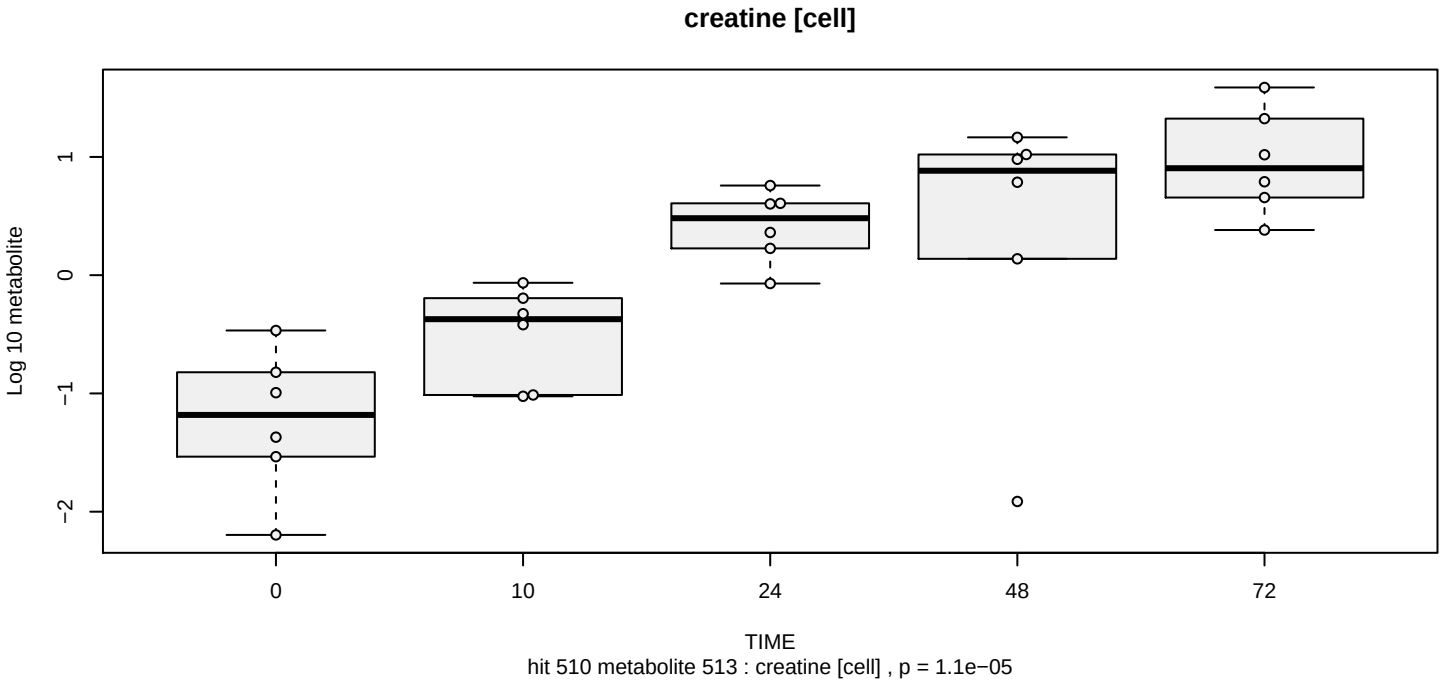
hit 507 metabolite 510 : choline phosphate [cell] , p = 3.3e−07



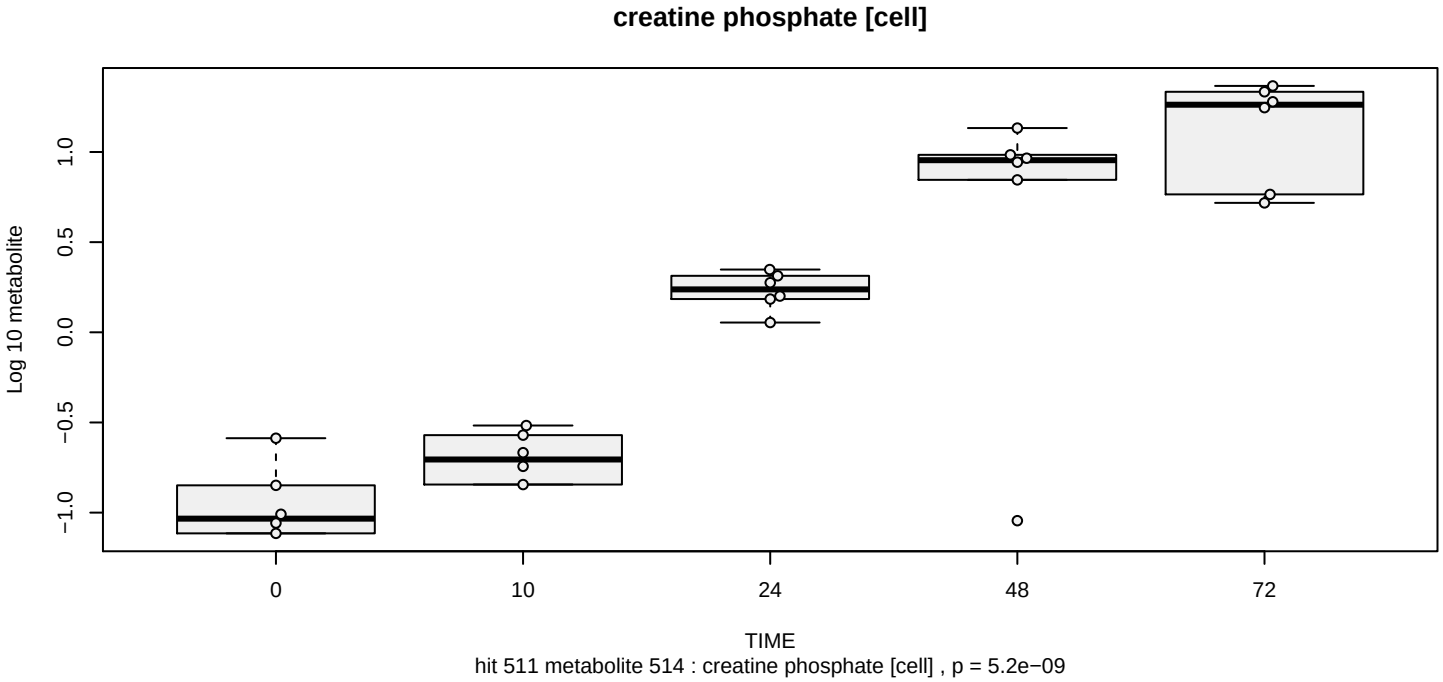
hit 508 metabolite 511 : citrate [cell] , p = 4.8e−07



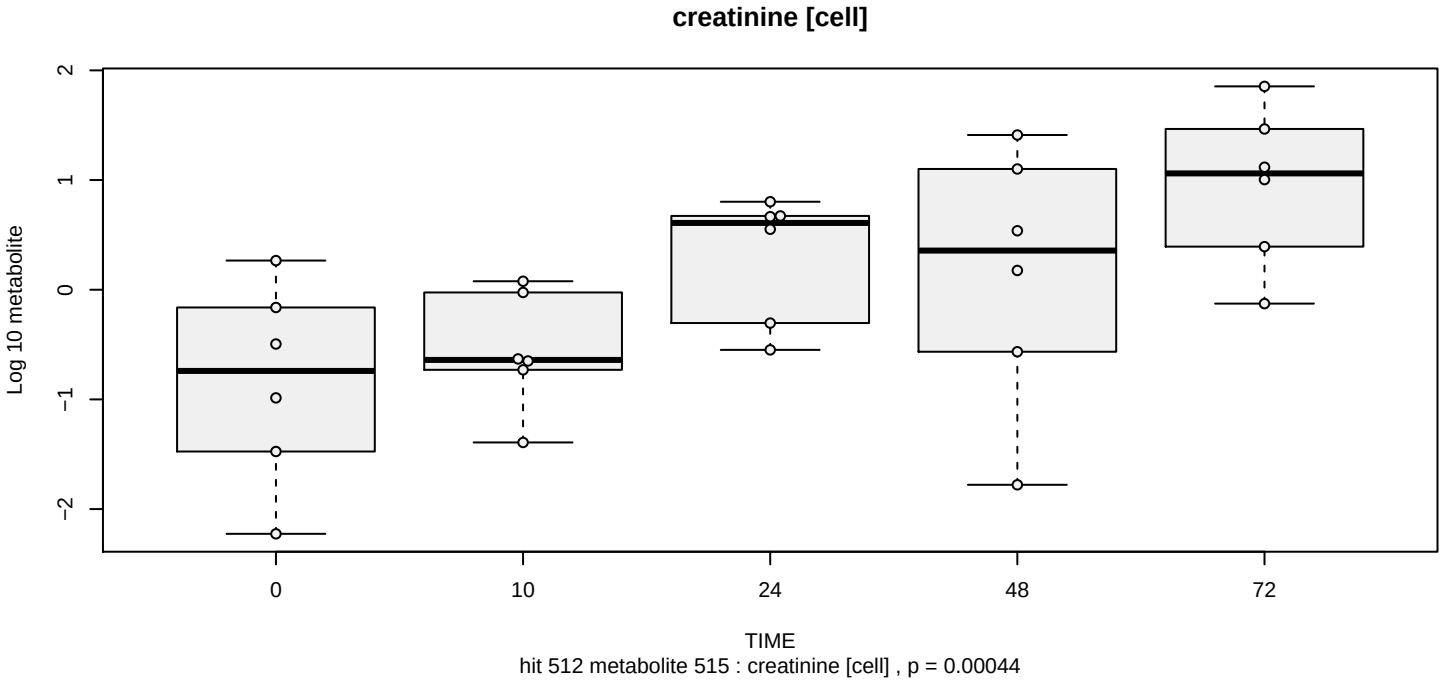
hit 509 metabolite 512 : coenzyme A [cell] , p = 1e−08



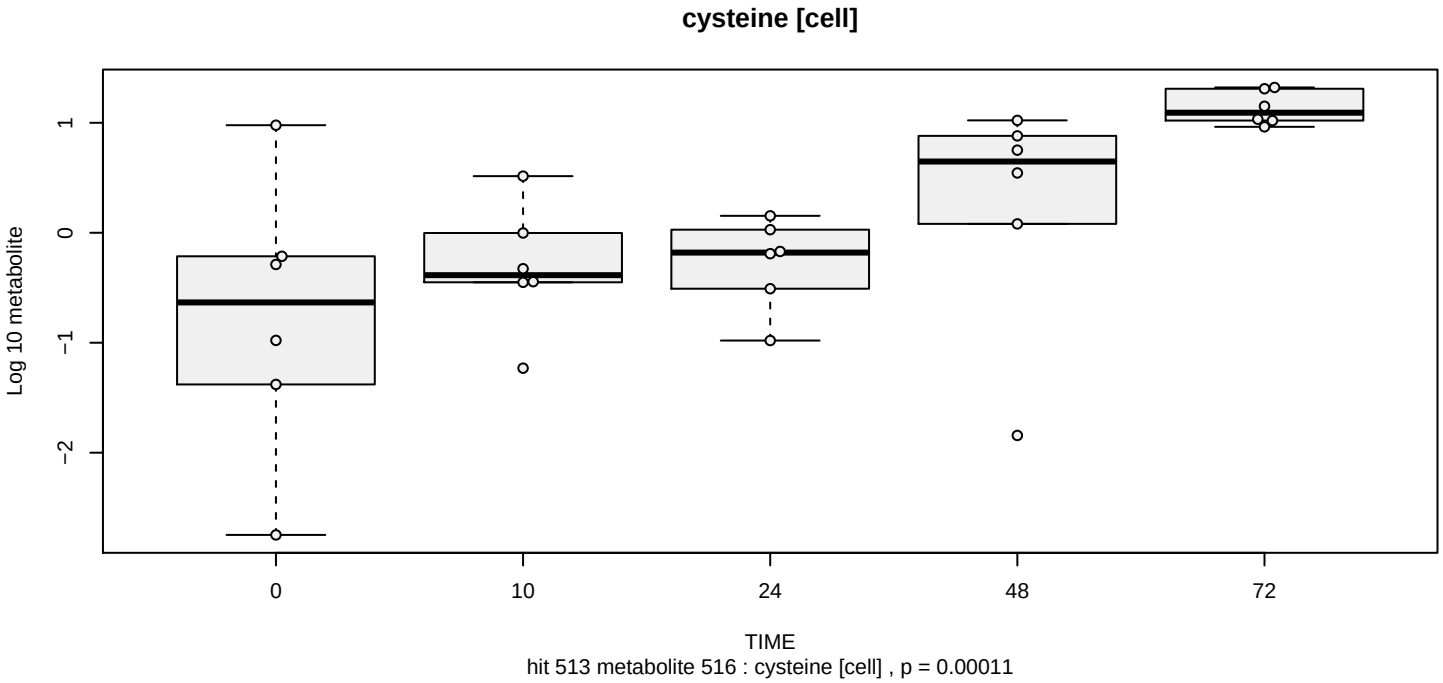
hit 510 metabolite 513 : creatine [cell] , p = 1.1e−05



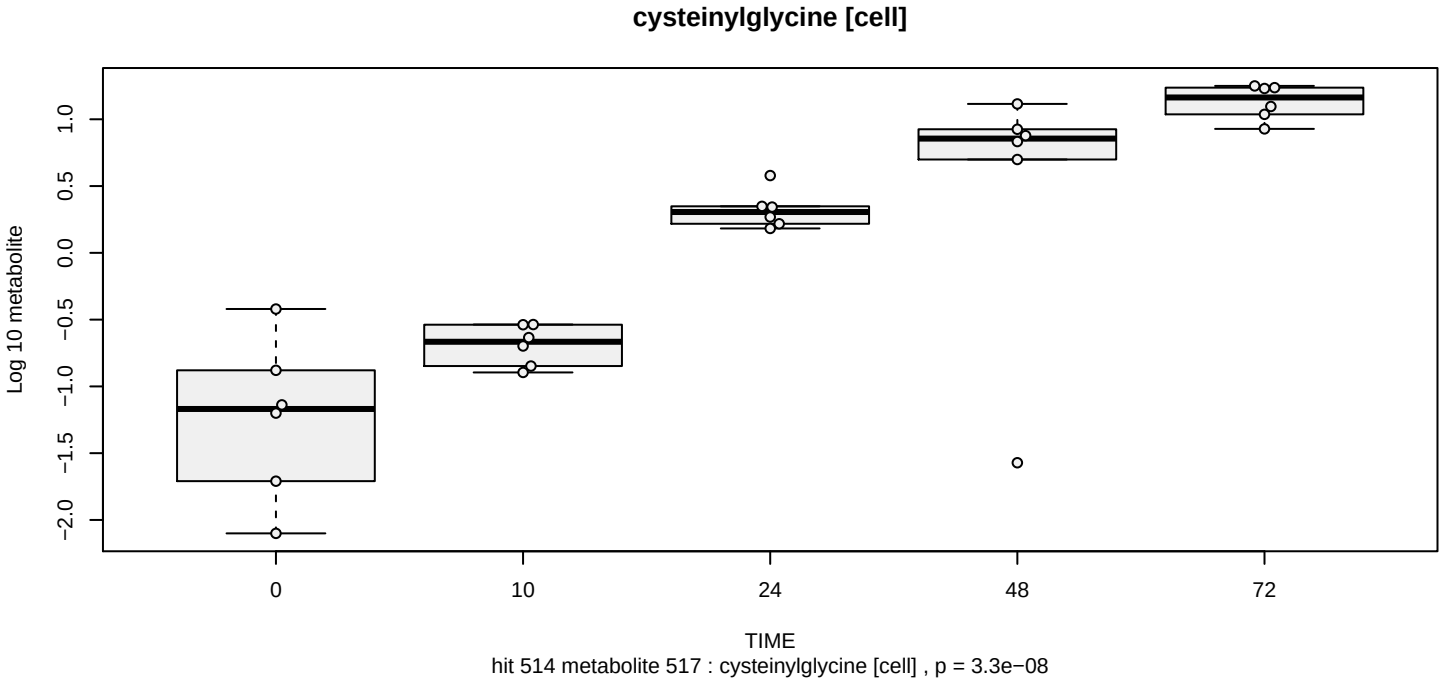
hit 511 metabolite 514 : creatine phosphate [cell] , p = 5.2e−09



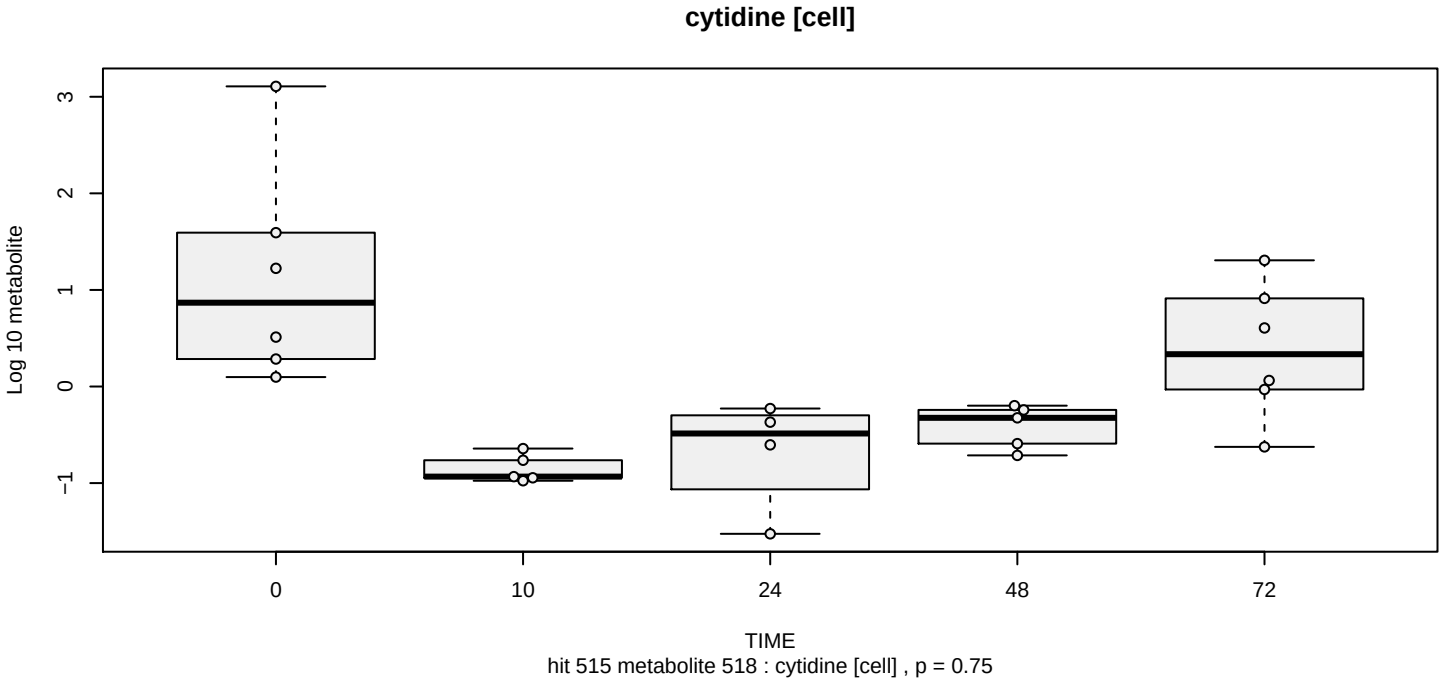
hit 512 metabolite 515 : creatinine [cell] , p = 0.00044



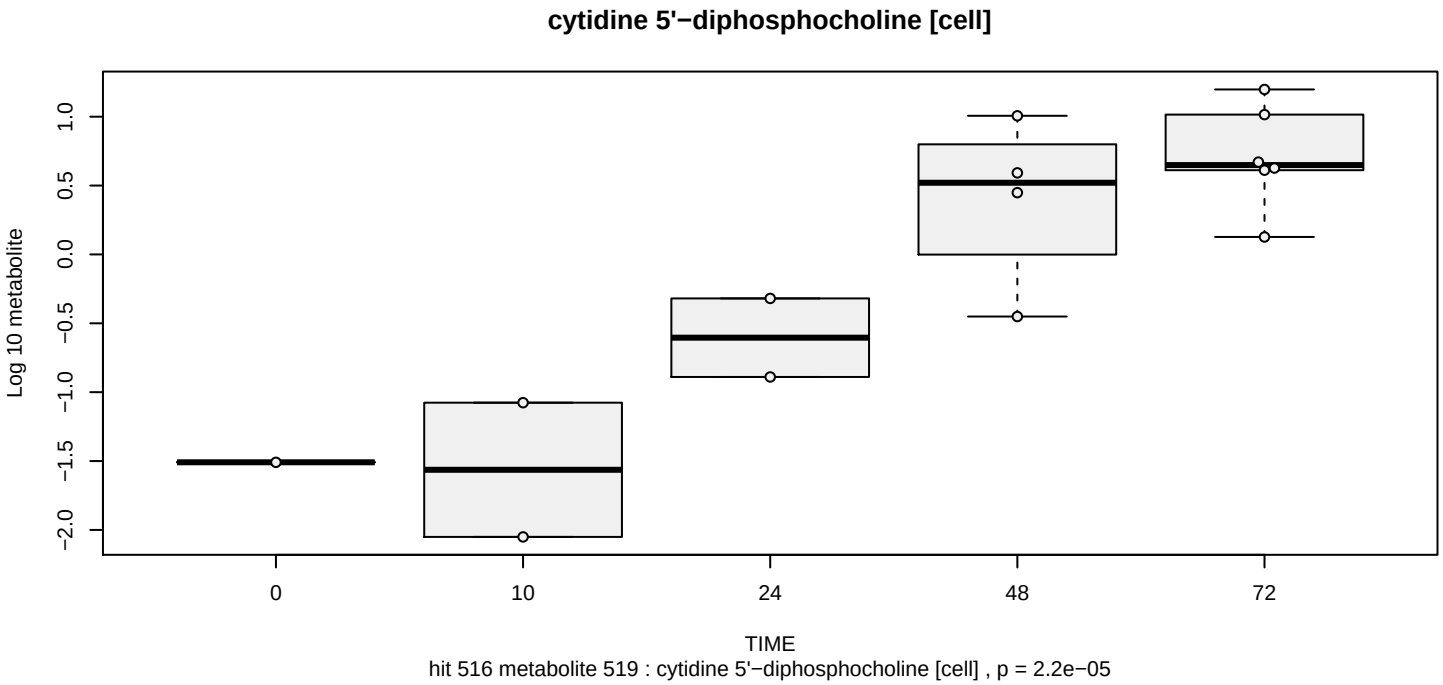
hit 513 metabolite 516 : cysteine [cell] , p = 0.00011



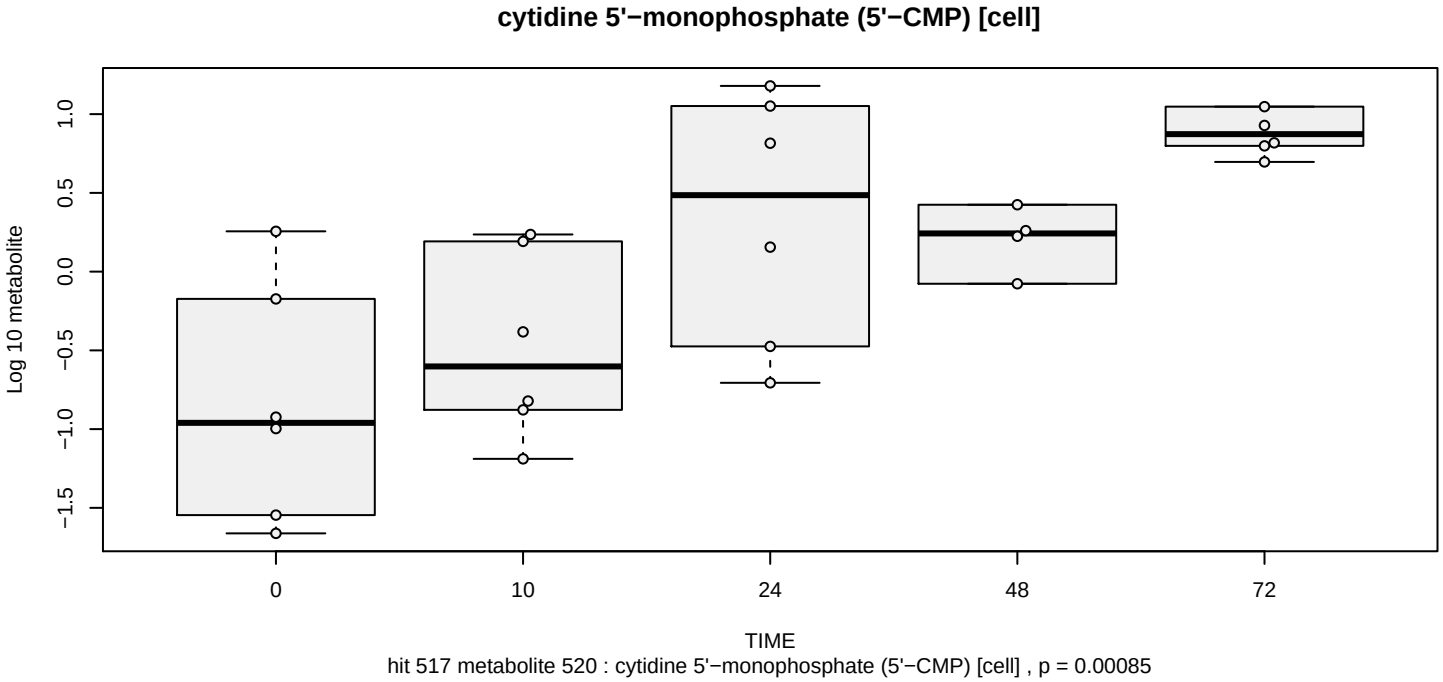
hit 514 metabolite 517 : cysteinylglycine [cell] , p = 3.3e−08



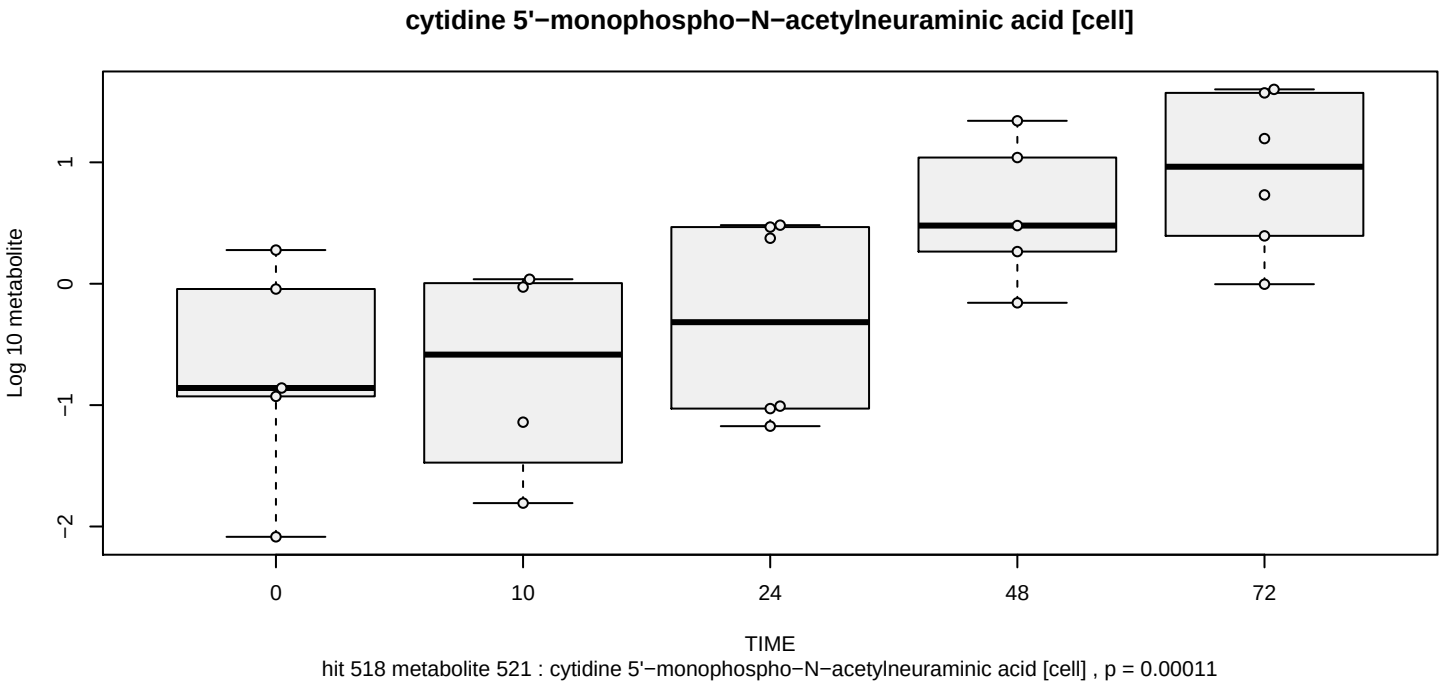
hit 515 metabolite 518 : cytidine [cell] , p = 0.75



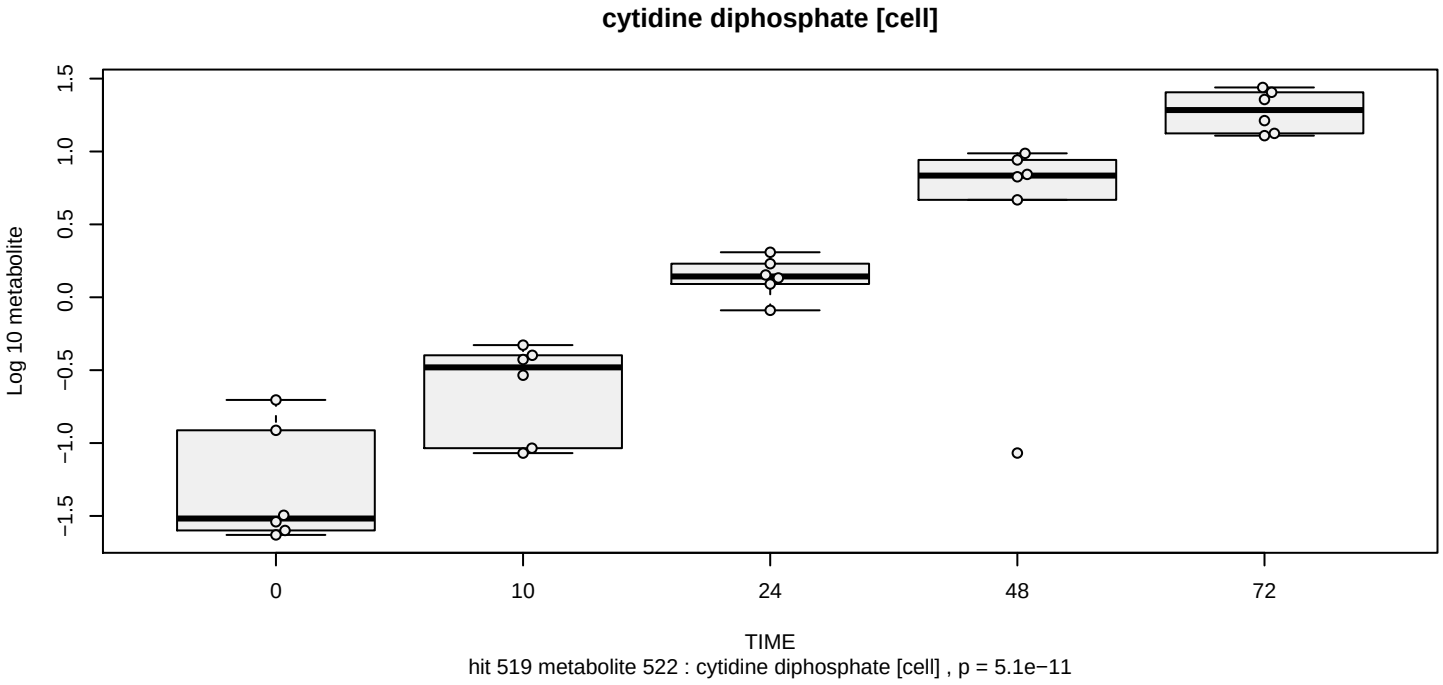
hit 516 metabolite 519 : cytidine 5'−diphosphocholine [cell] , p = 2.2e−05



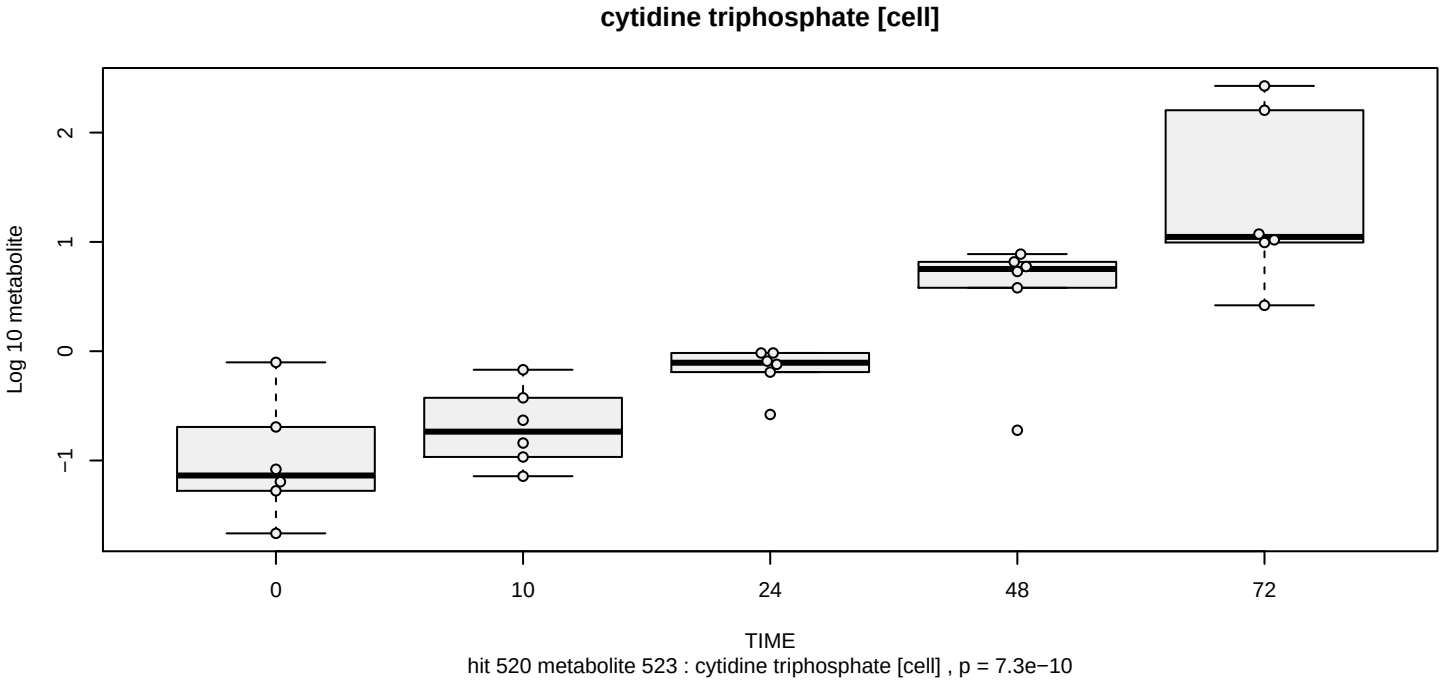
hit 517 metabolite 520 : cytidine 5'−monophosphate (5'−CMP) [cell] , p = 0.00085



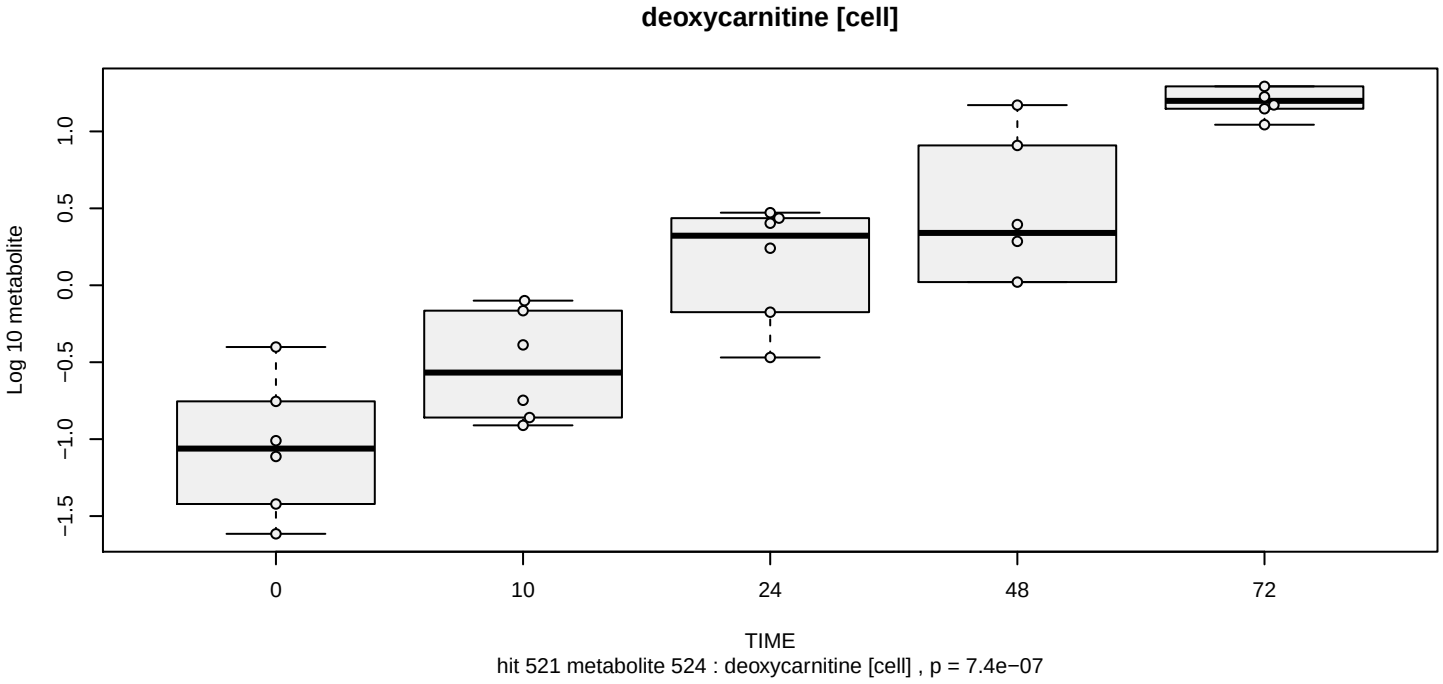
hit 518 metabolite 521 : cytidine 5'−monophospho−N−acetylneuraminic acid [cell] , p = 0.00011



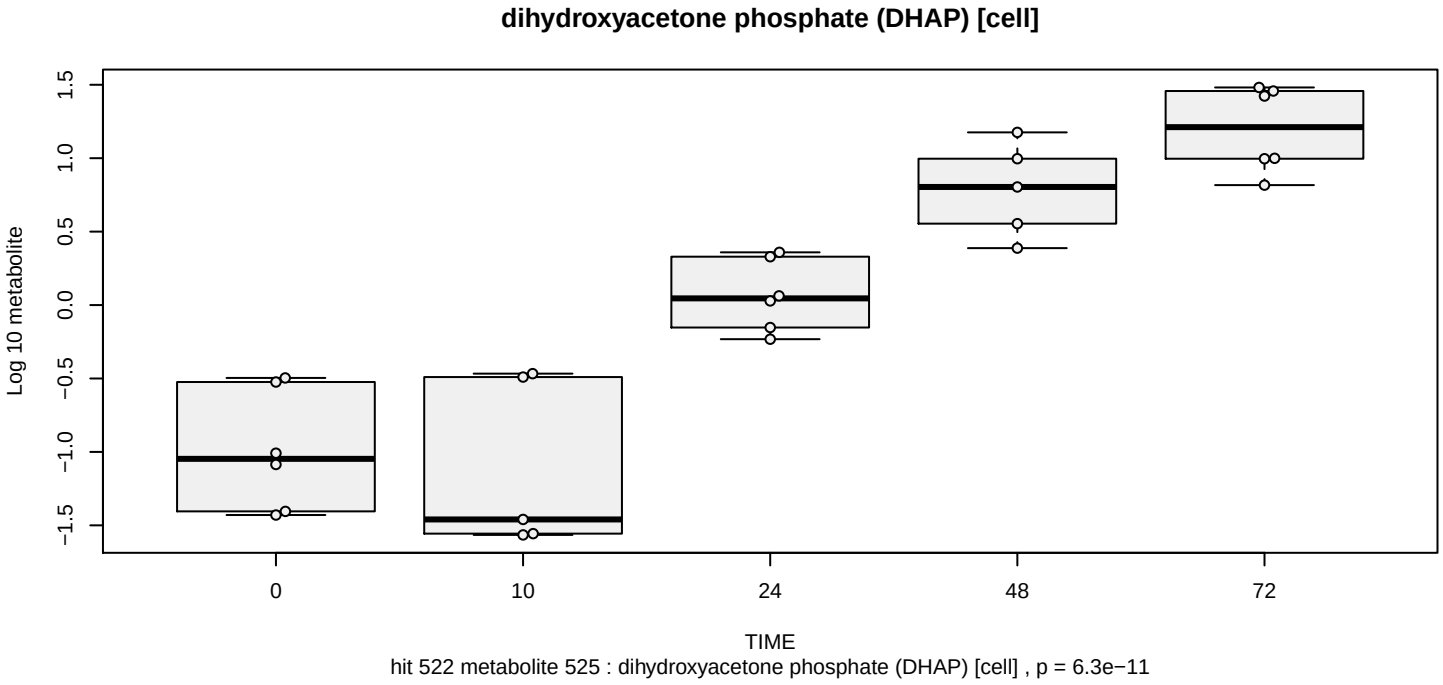
hit 519 metabolite 522 : cytidine diphosphate [cell] , p = 5.1e−11



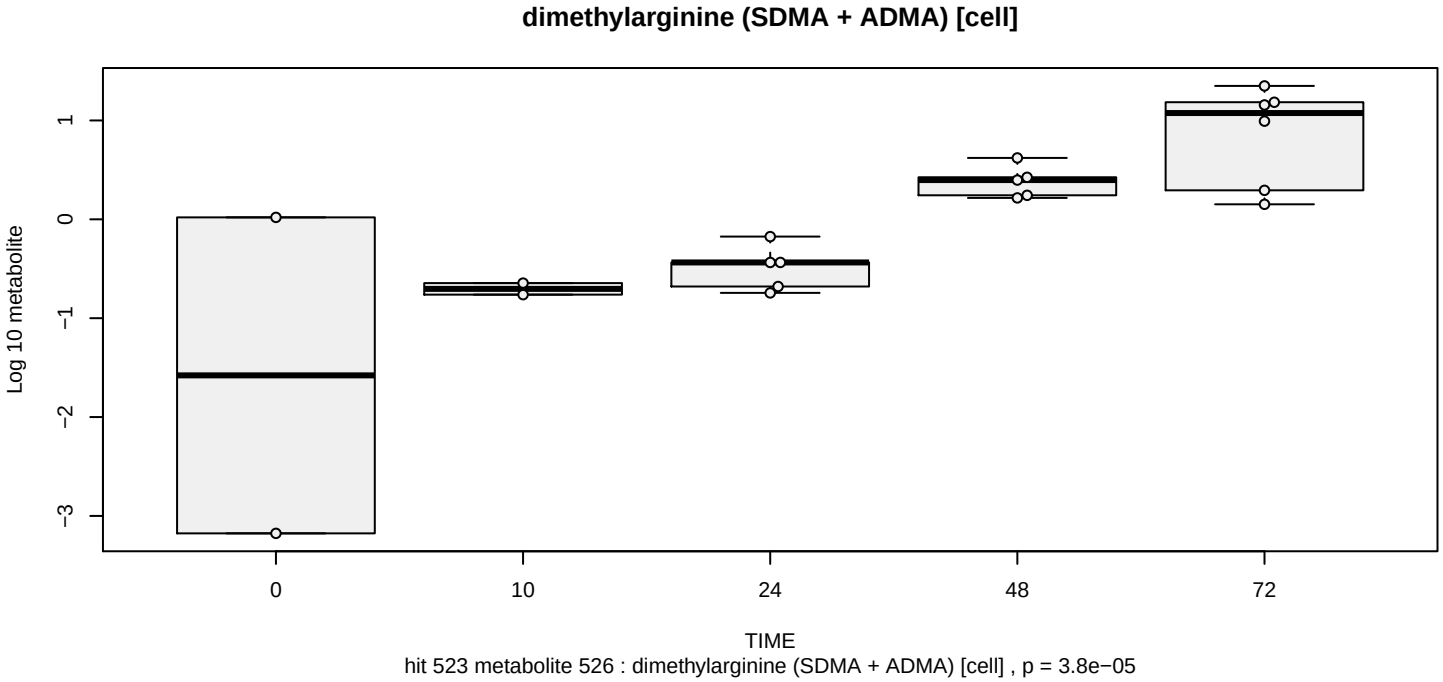
hit 520 metabolite 523 : cytidine triphosphate [cell] , p = 7.3e−10



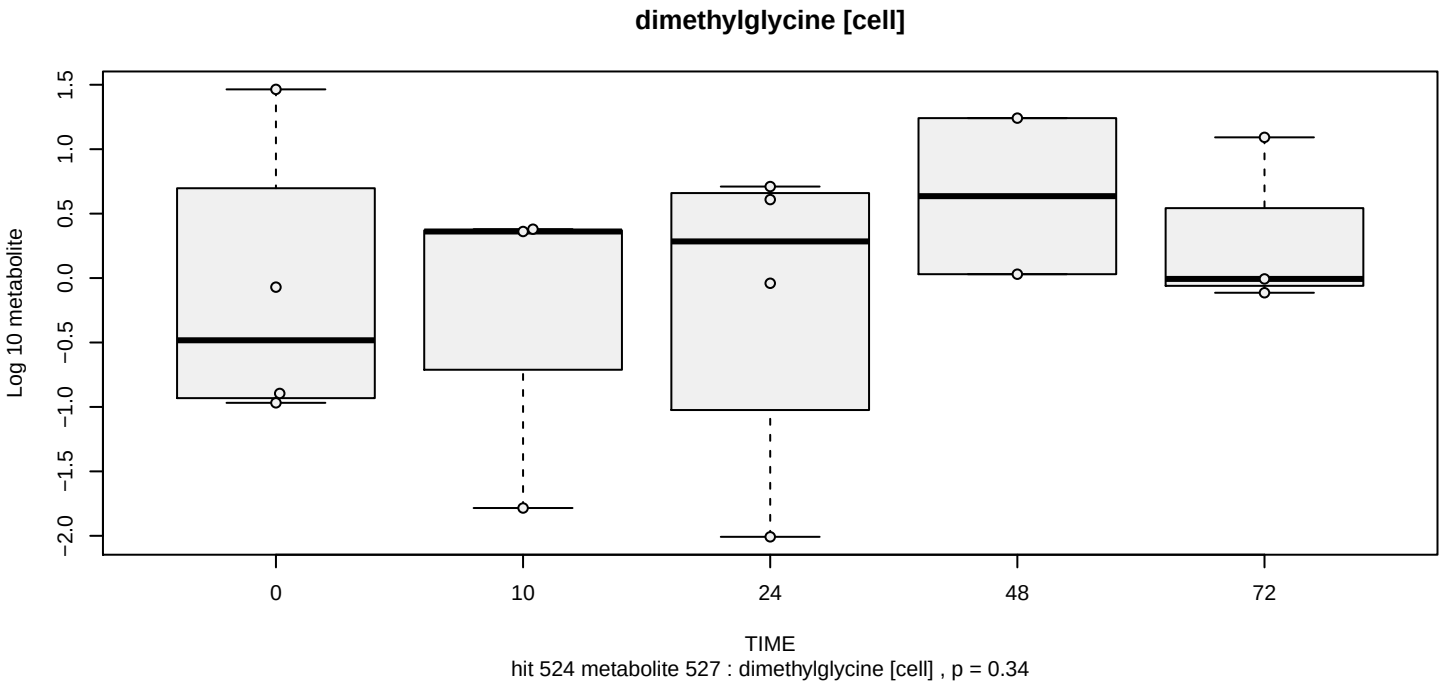
hit 521 metabolite 524 : deoxycarnitine [cell] , p = 7.4e−07



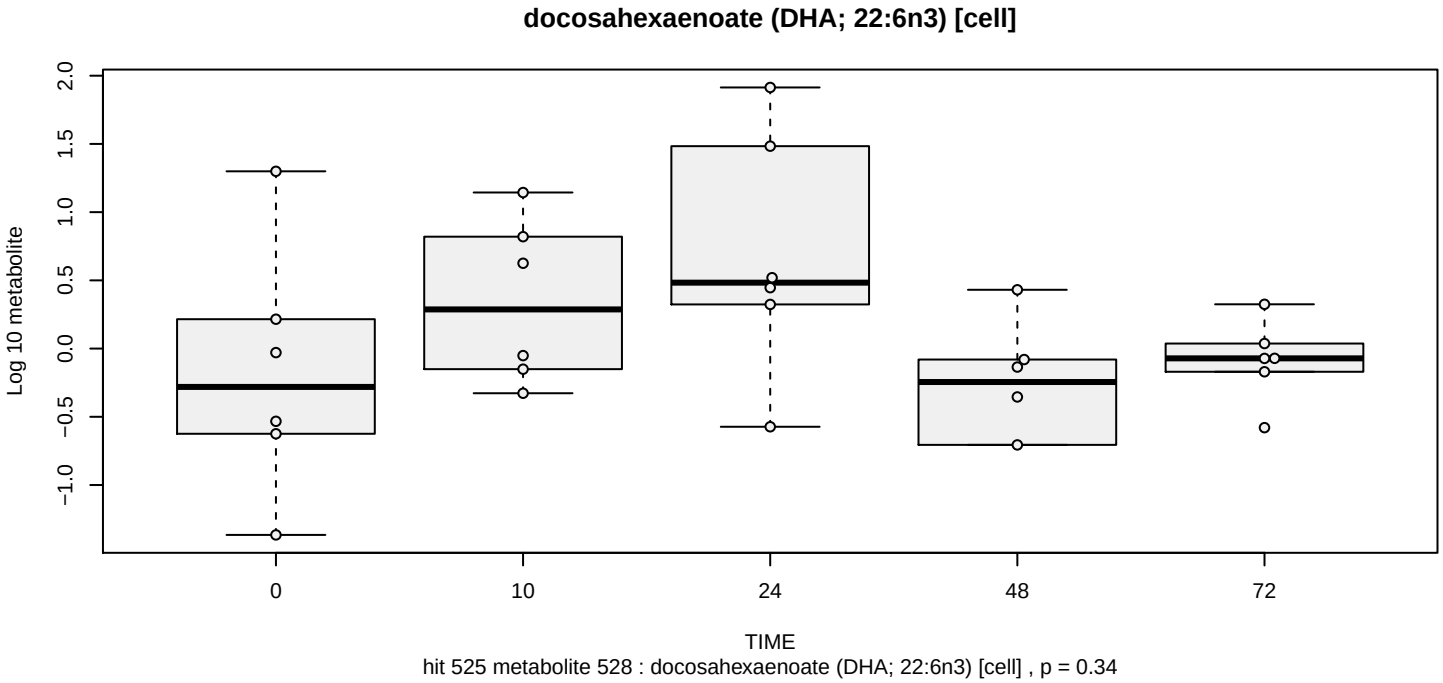
hit 522 metabolite 525 : dihydroxyacetone phosphate (DHAP) [cell] , p = 6.3e−11



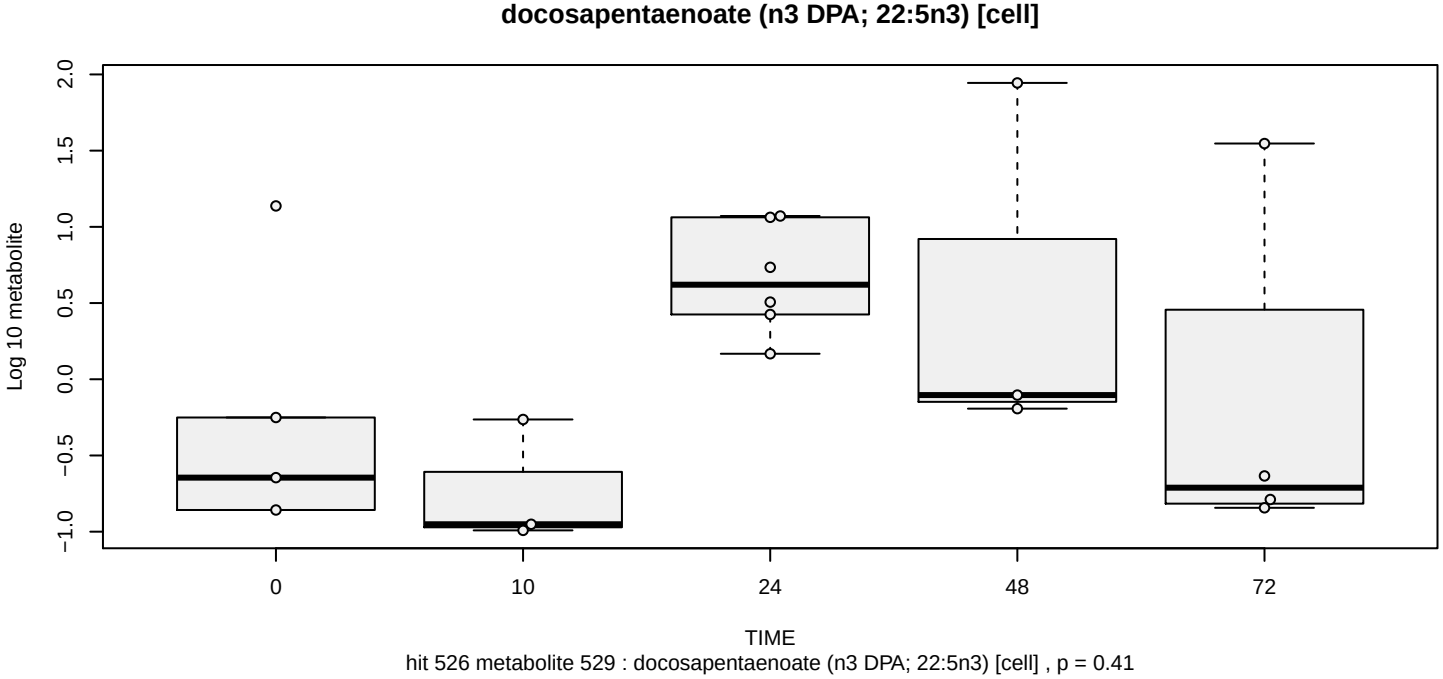
hit 523 metabolite 526 : dimethylarginine (SDMA + ADMA) [cell] , p = 3.8e−05



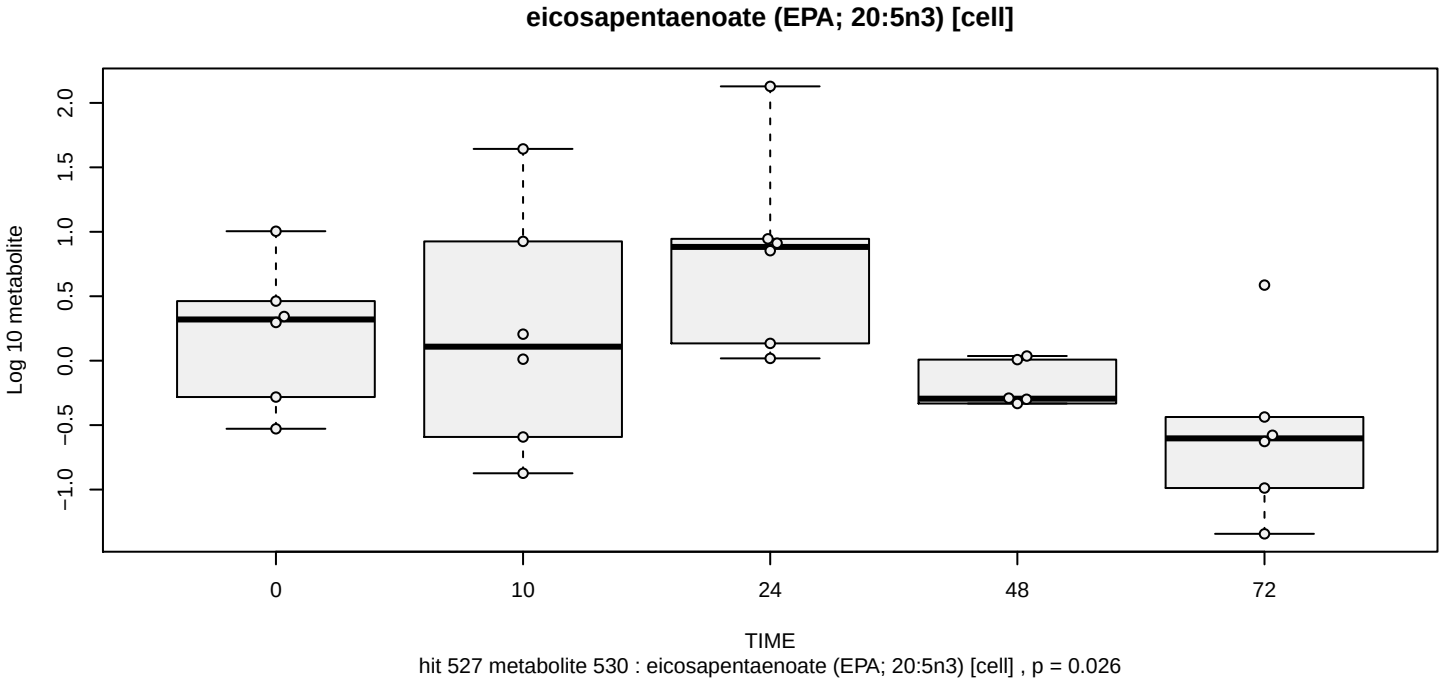
hit 524 metabolite 527 : dimethylglycine [cell] , p = 0.34



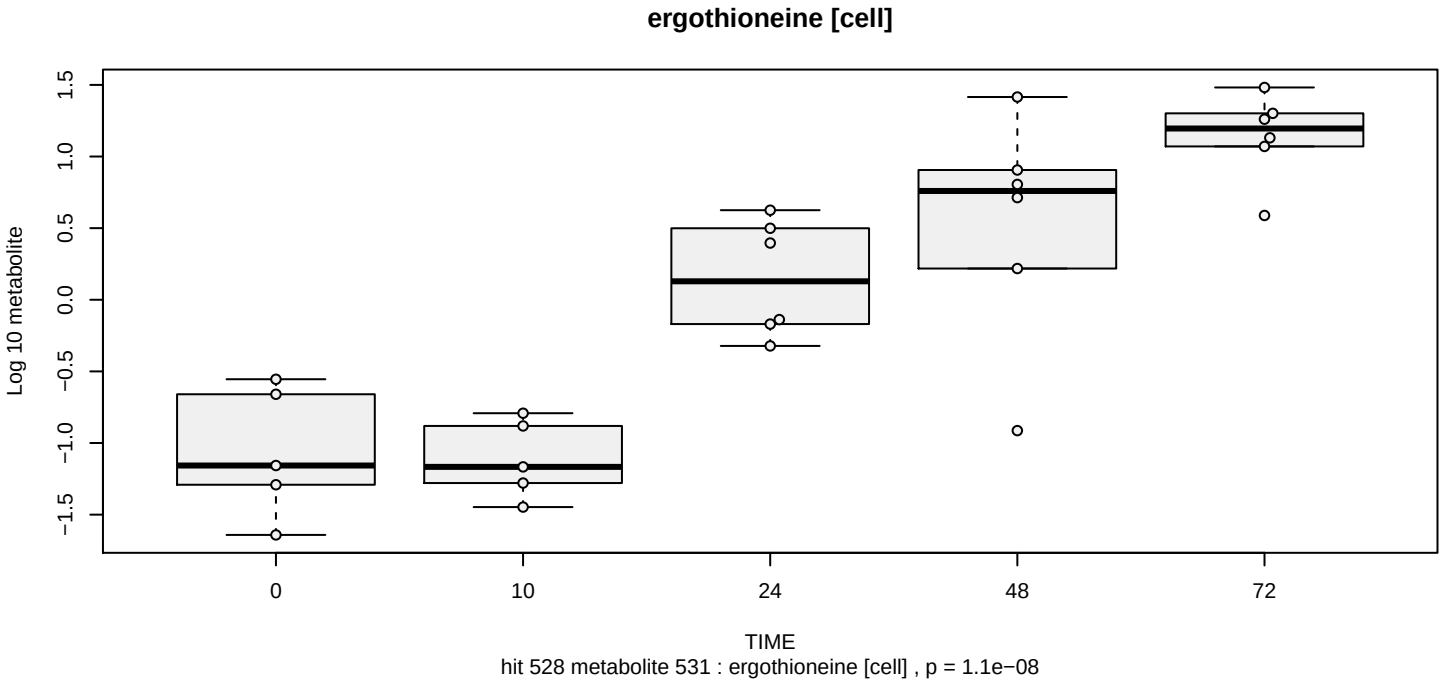
hit 525 metabolite 528 : docosahexaenoate (DHA; 22:6n3) [cell] , p = 0.34



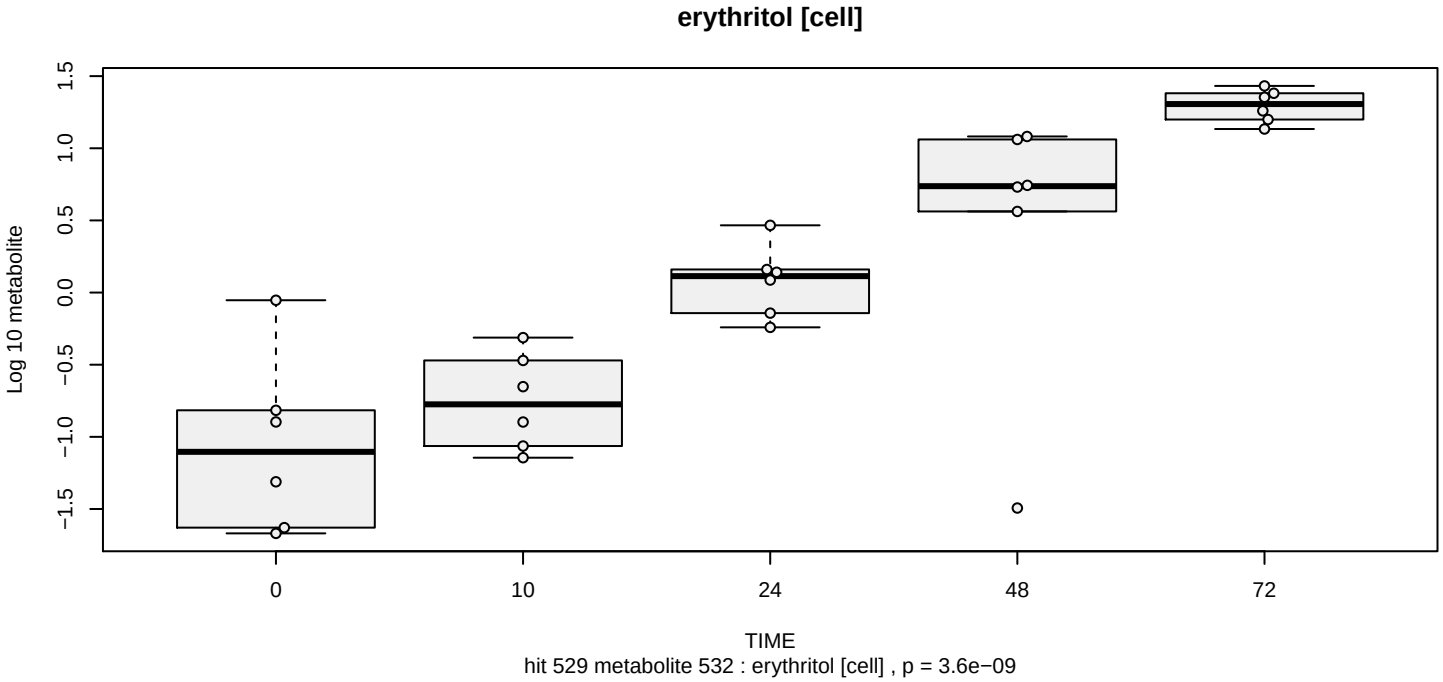
hit 526 metabolite 529 : docosapentaenoate (n3 DPA; 22:5n3) [cell] , p = 0.41



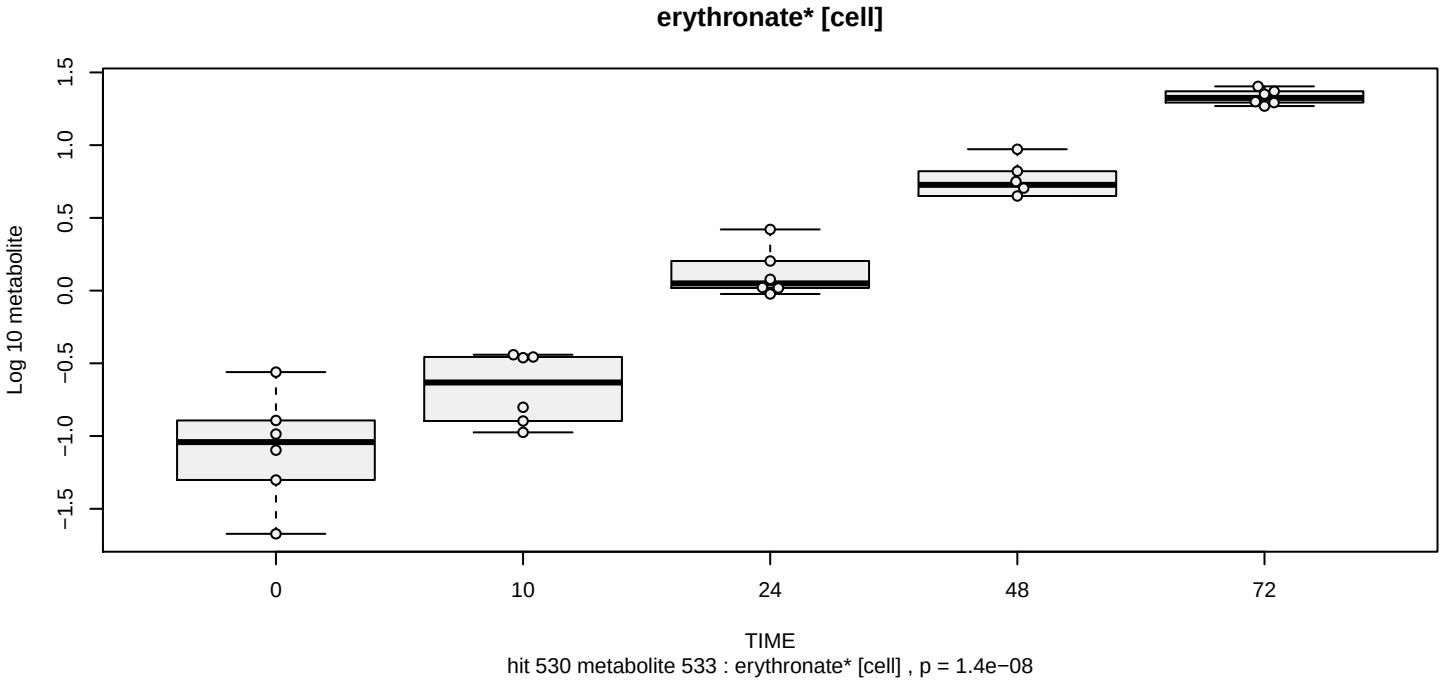
hit 527 metabolite 530 : eicosapentaenoate (EPA; 20:5n3) [cell] , p = 0.026



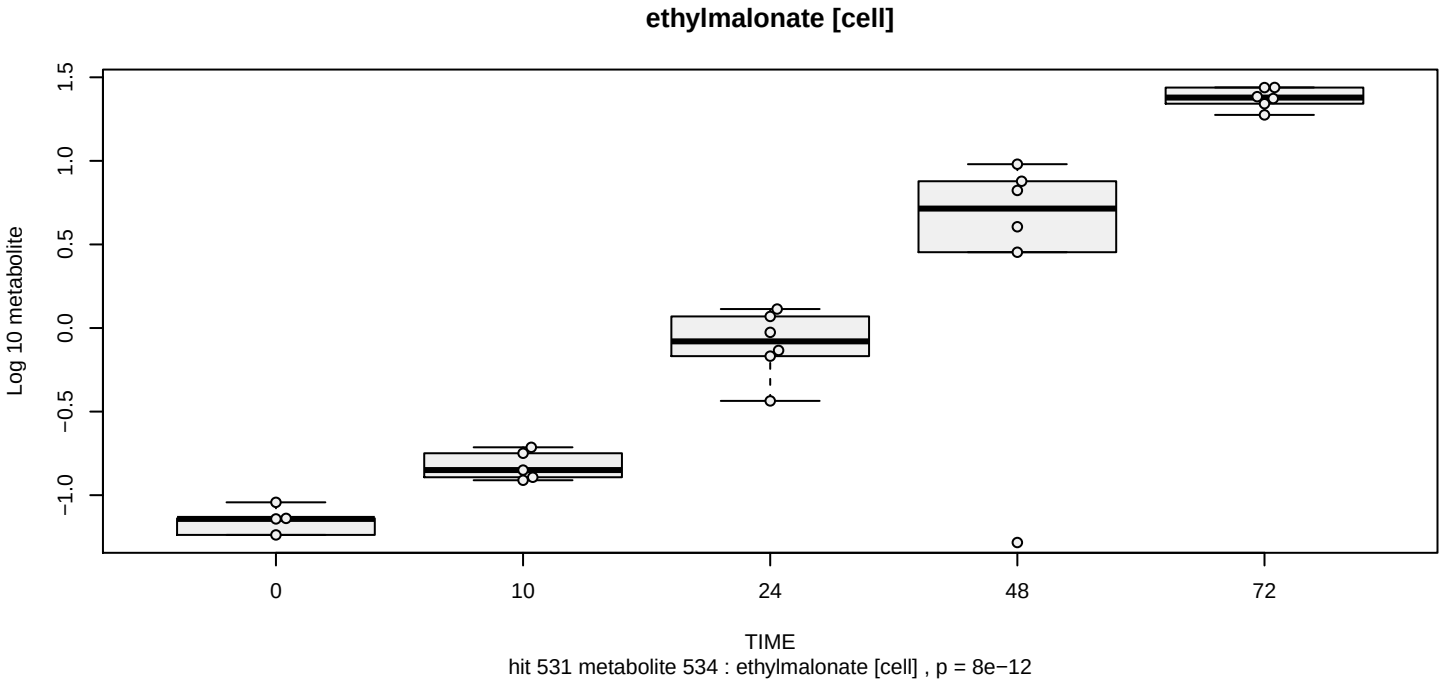
hit 528 metabolite 531 : ergothioneine [cell] , p = 1.1e−08



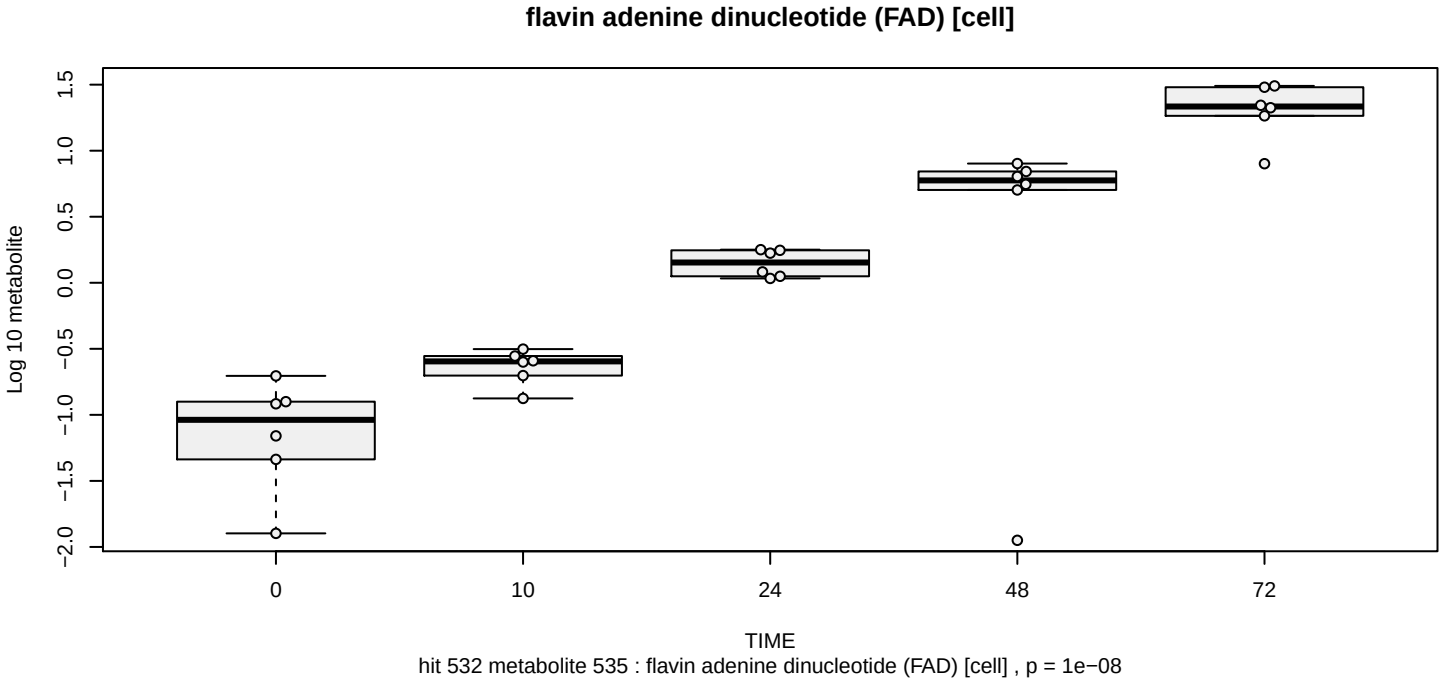
hit 529 metabolite 532 : erythritol [cell] , p = 3.6e−09



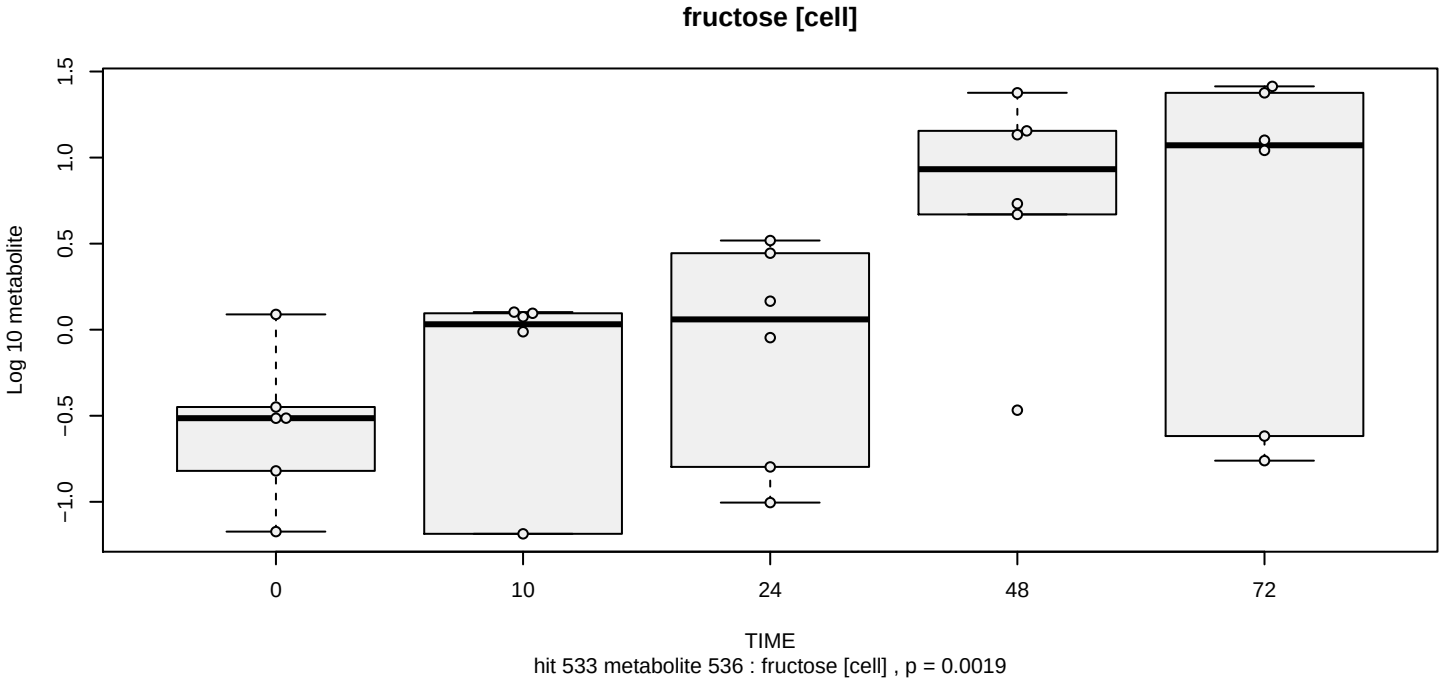
hit 530 metabolite 533 : erythronate* [cell] , p = 1.4e−08



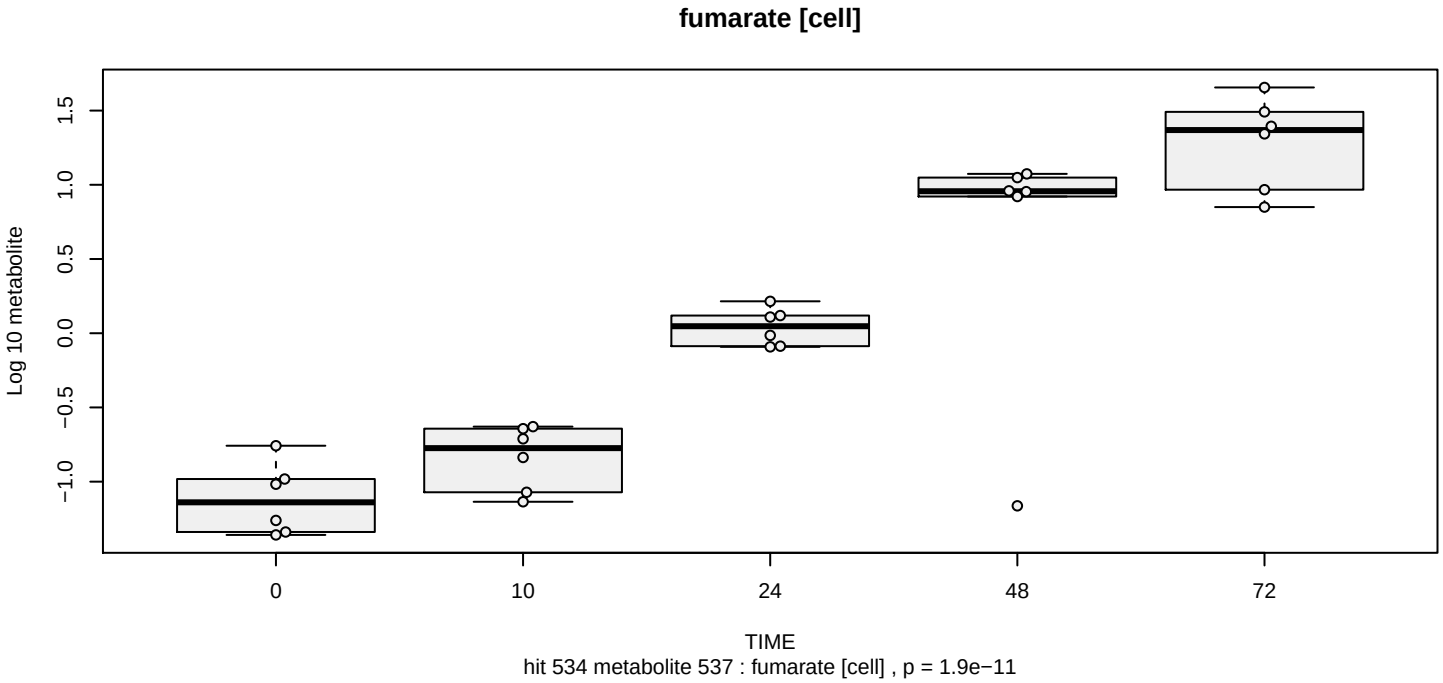
hit 531 metabolite 534 : ethylmalonate [cell] , p = 8e−12



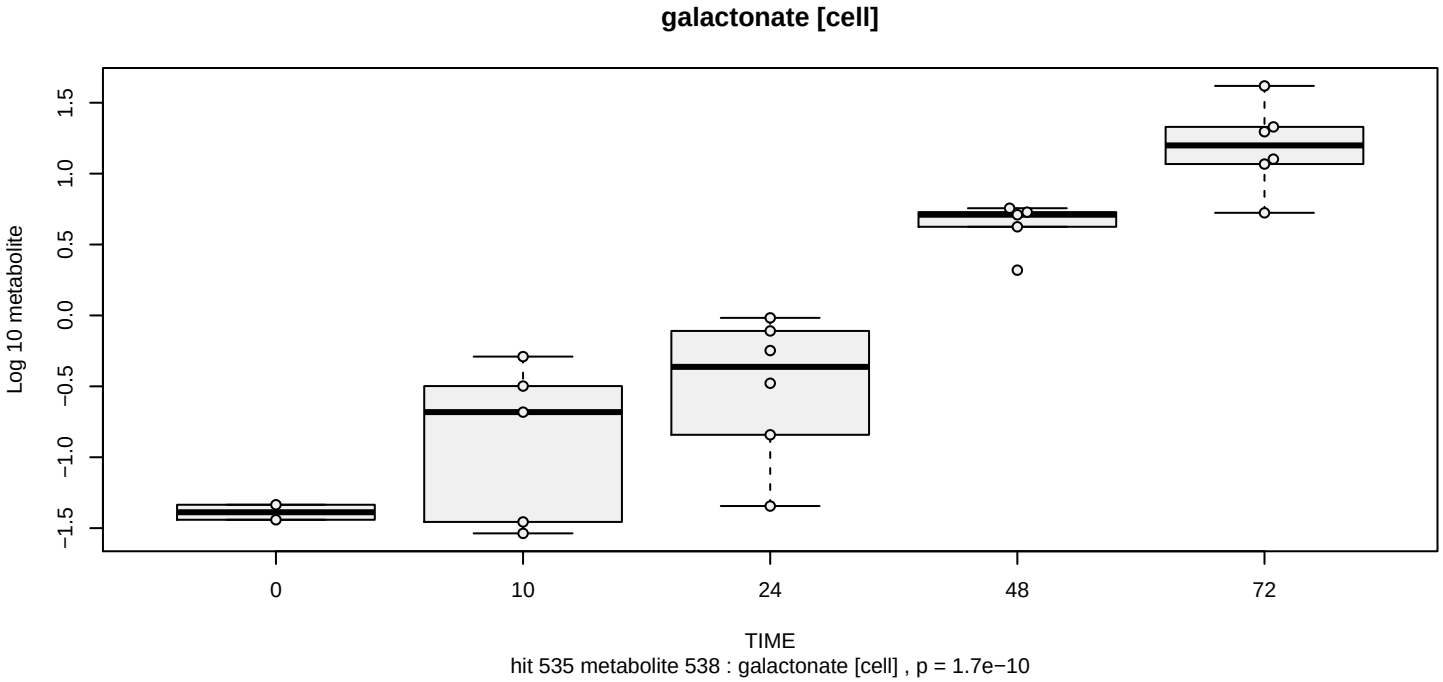
hit 532 metabolite 535 : flavin adenine dinucleotide (FAD) [cell] , p = 1e−08



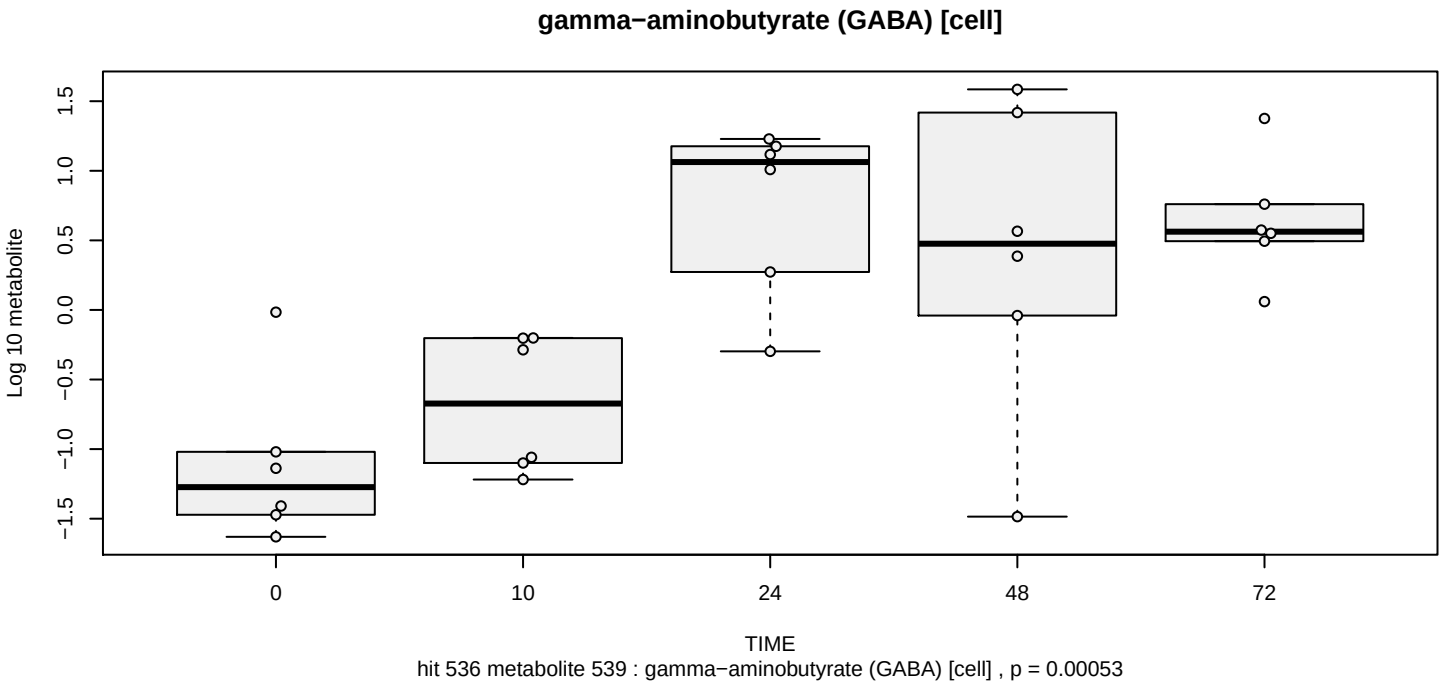
hit 533 metabolite 536 : fructose [cell] , p = 0.0019



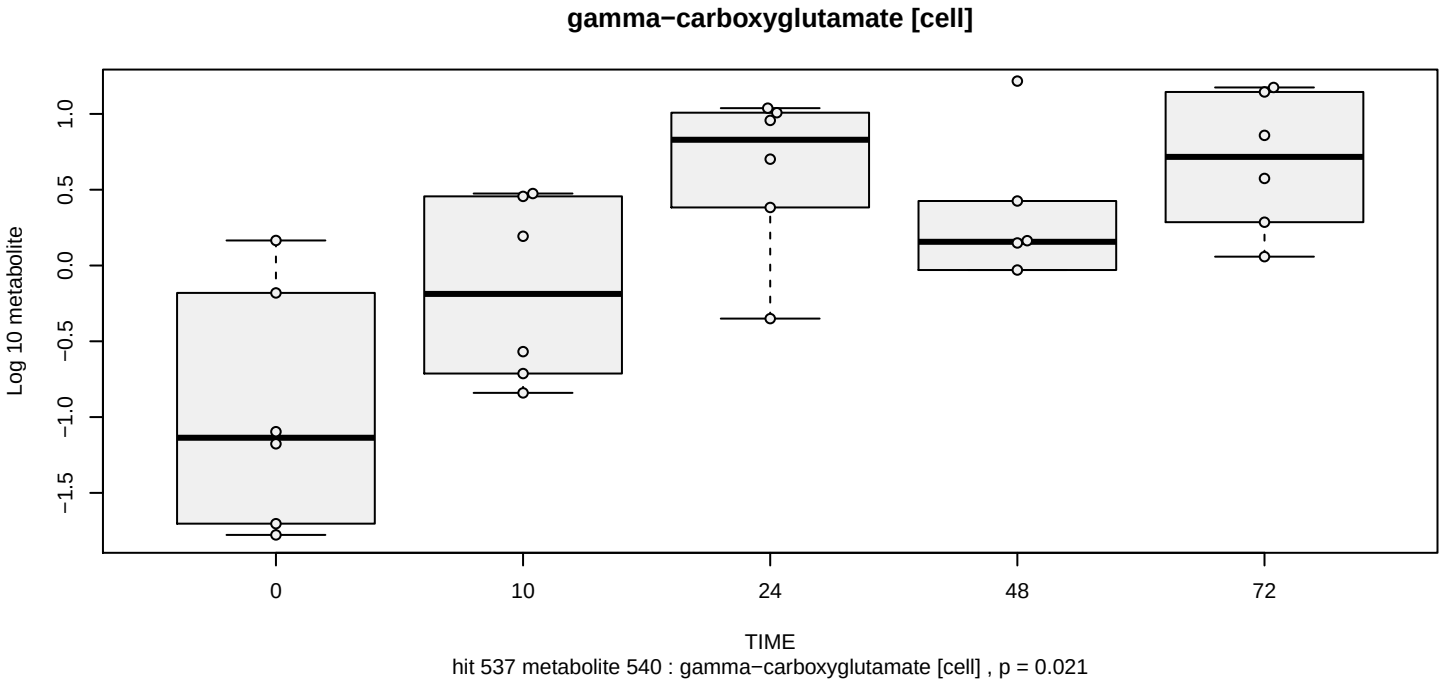
hit 534 metabolite 537 : fumarate [cell] , p = 1.9e−11



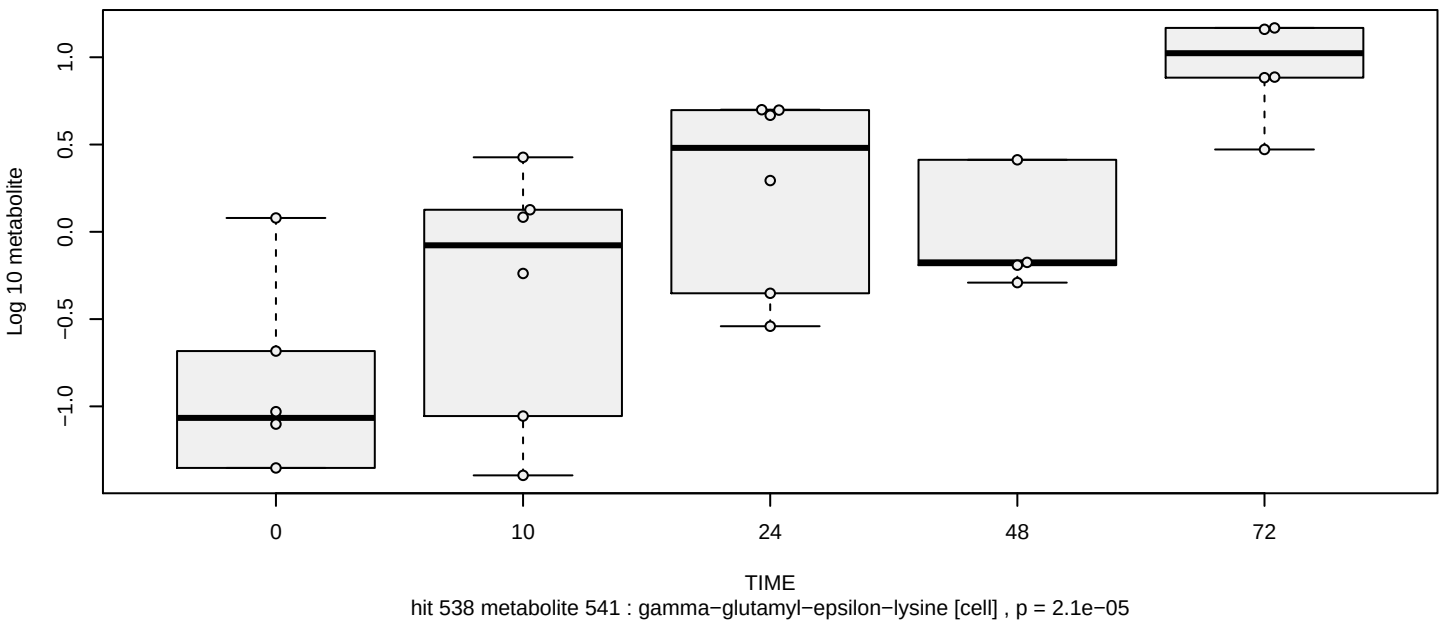
hit 535 metabolite 538 : galactonate [cell] , p = 1.7e−10



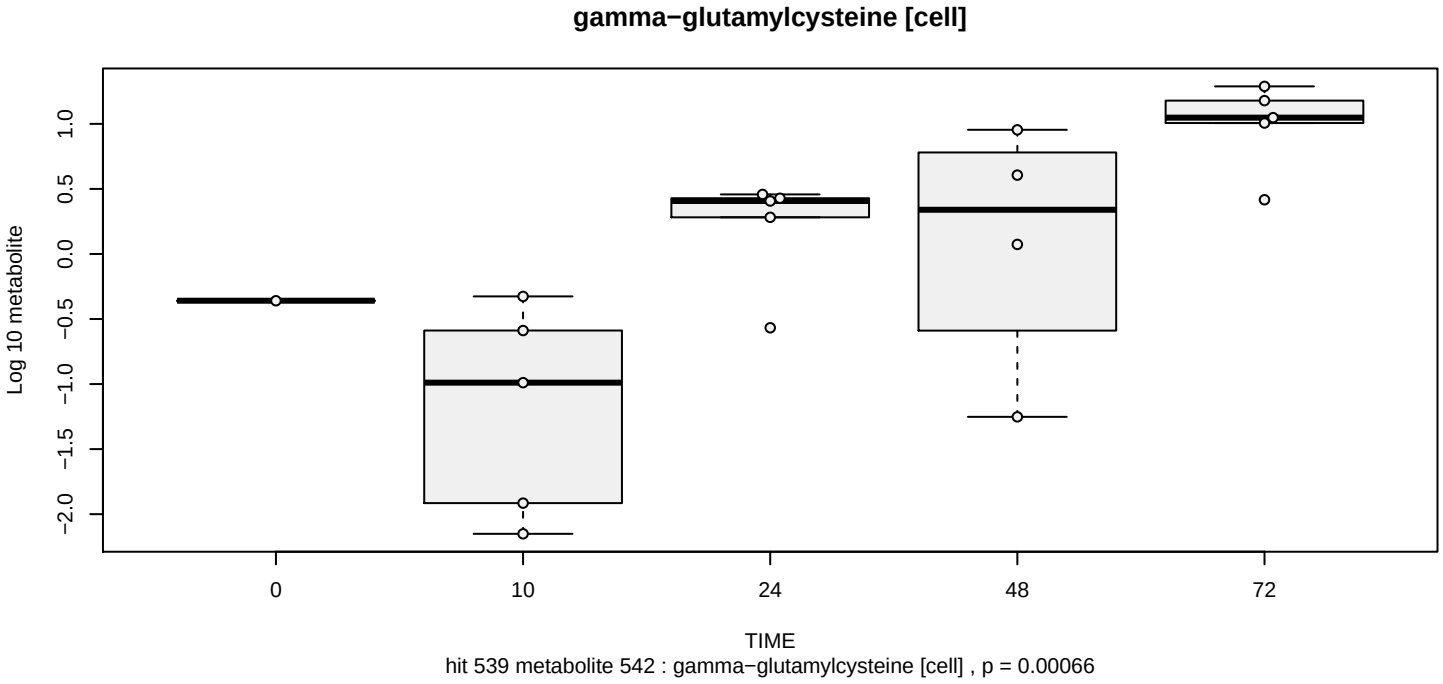
hit 536 metabolite 539 : gamma−aminobutyrate (GABA) [cell] , p = 0.00053



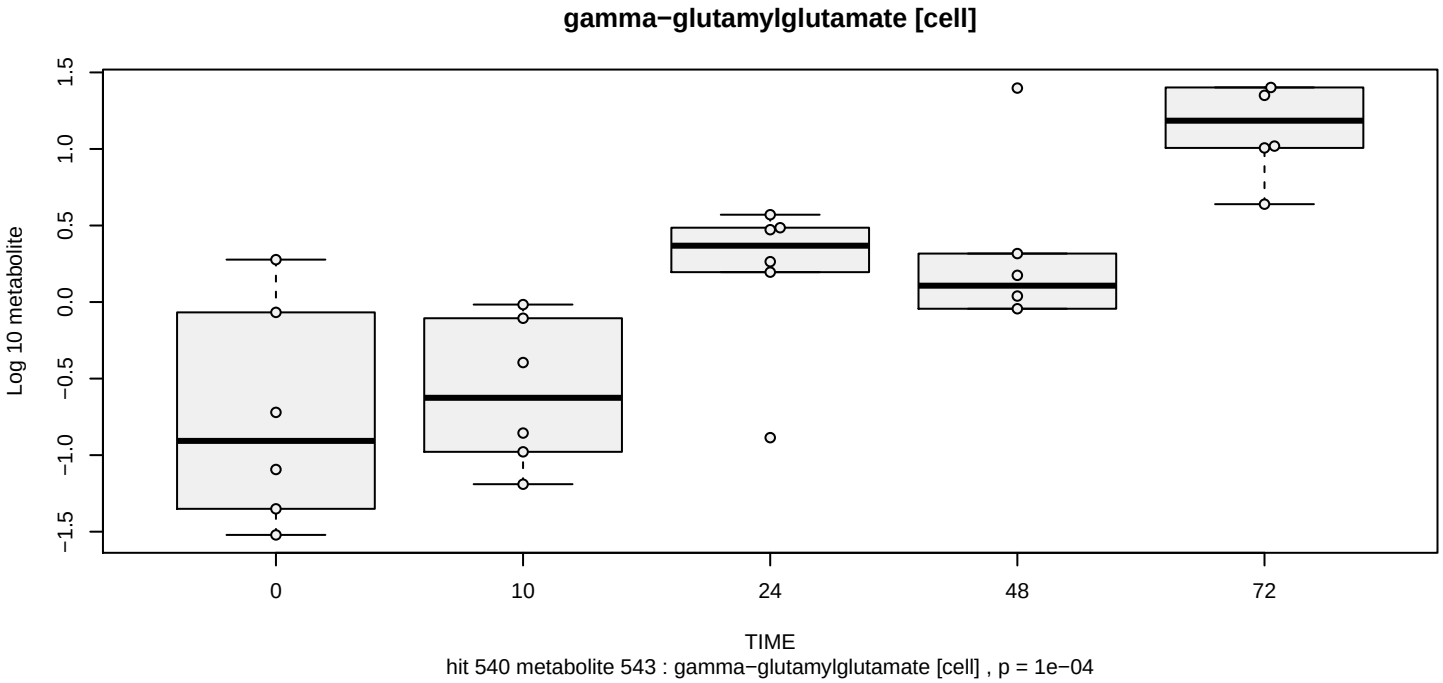
hit 537 metabolite 540 : gamma−carboxyglutamate [cell] , p = 0.021



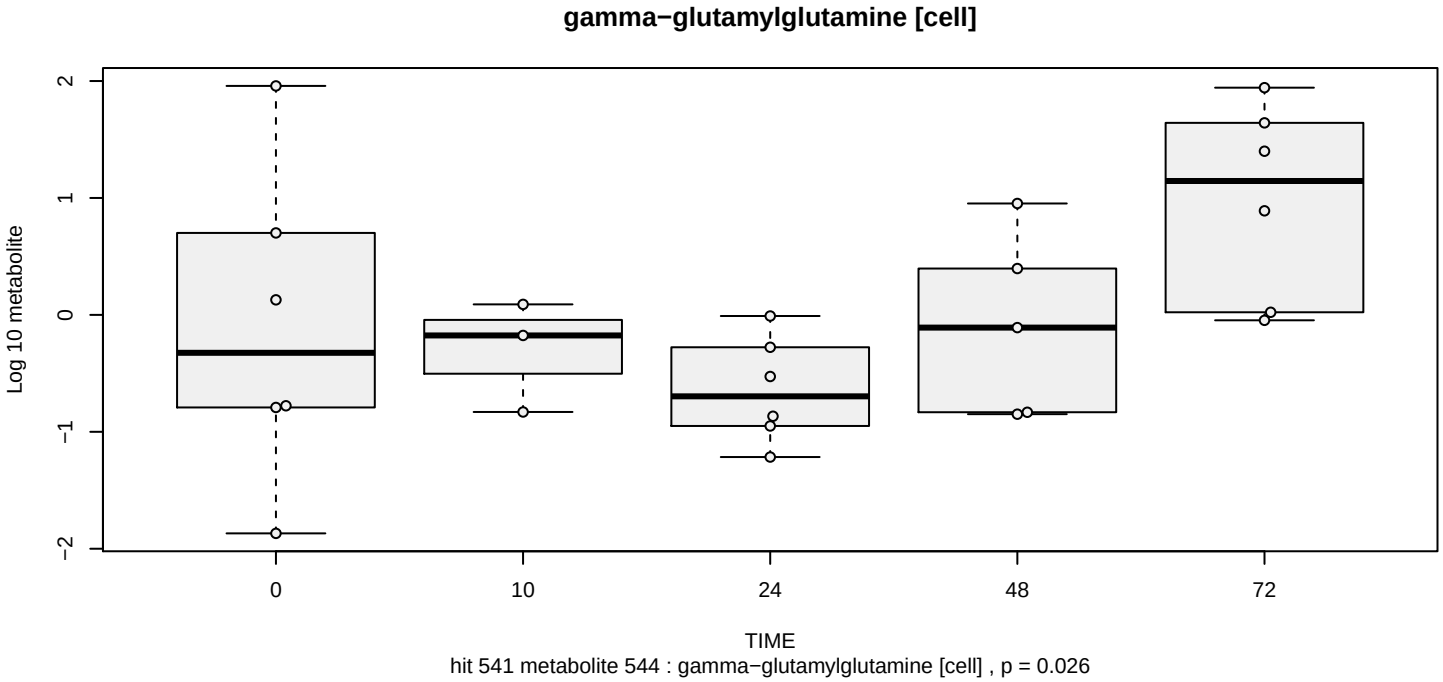
hit 538 metabolite 541 : gamma−glutamyl−epsilon−lysine [cell] , p = 2.1e−05



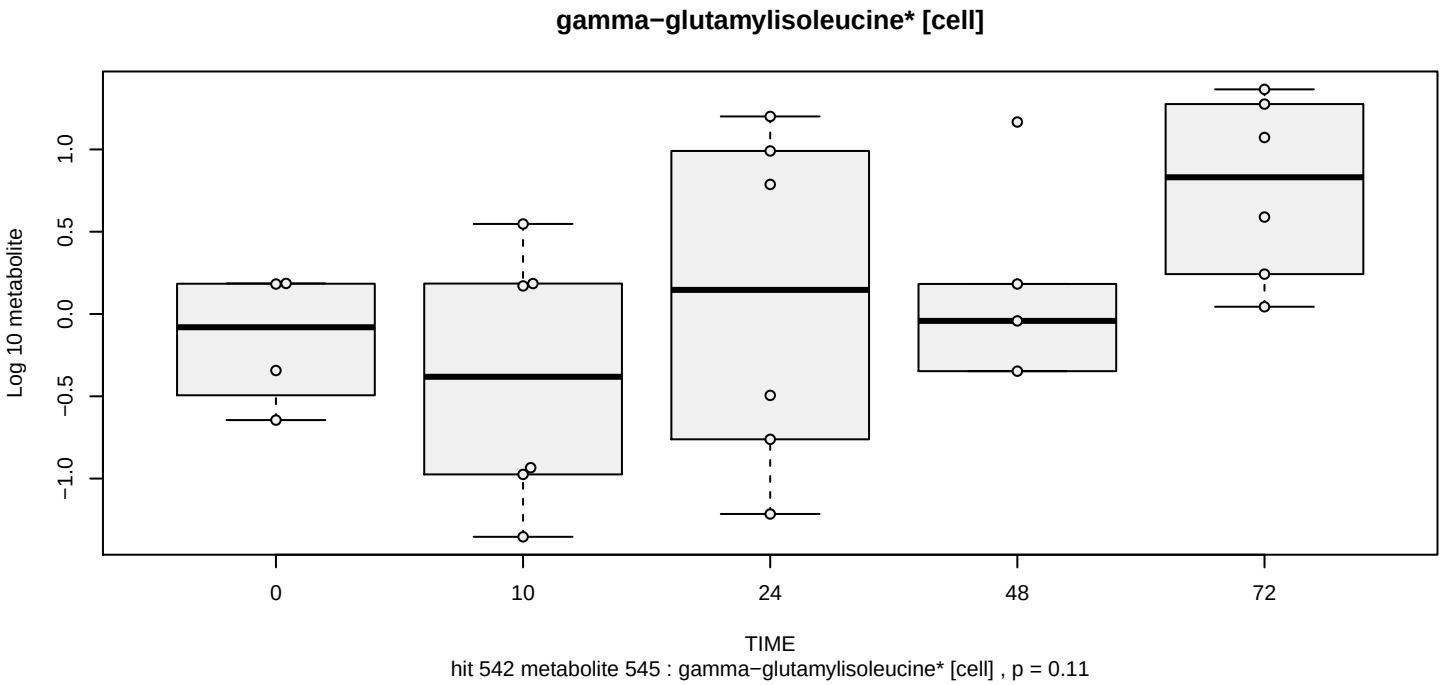
hit 539 metabolite 542 : gamma−glutamylcysteine [cell] , p = 0.00066



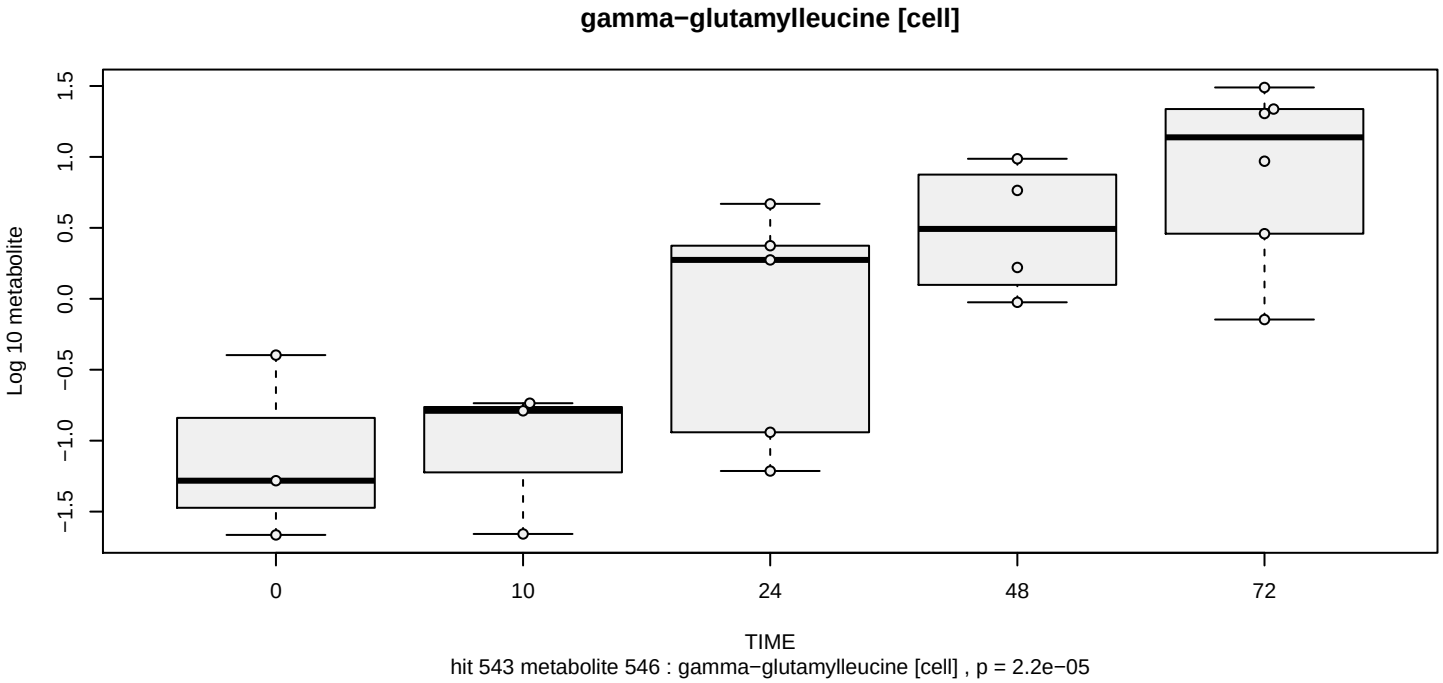
hit 540 metabolite 543 : gamma−glutamylglutamate [cell] , p = 1e−04



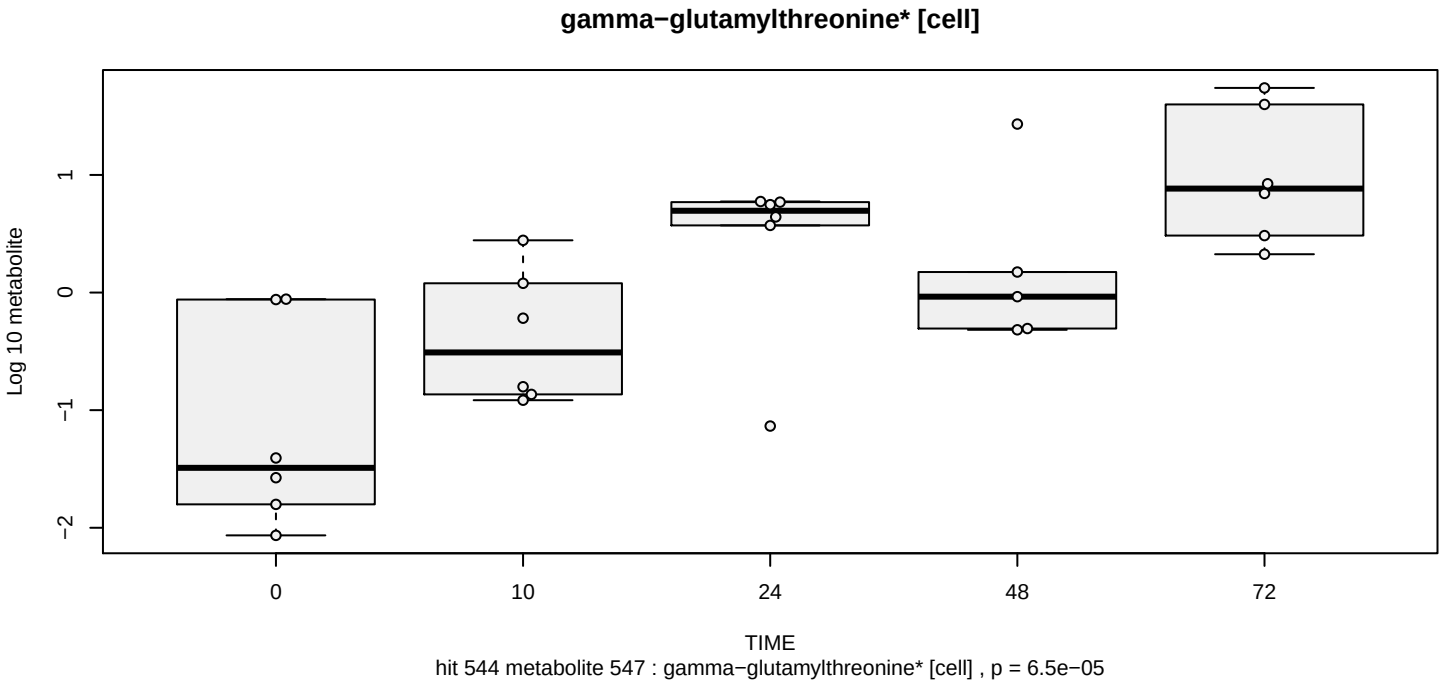
hit 541 metabolite 544 : gamma−glutamylglutamine [cell] , p = 0.026



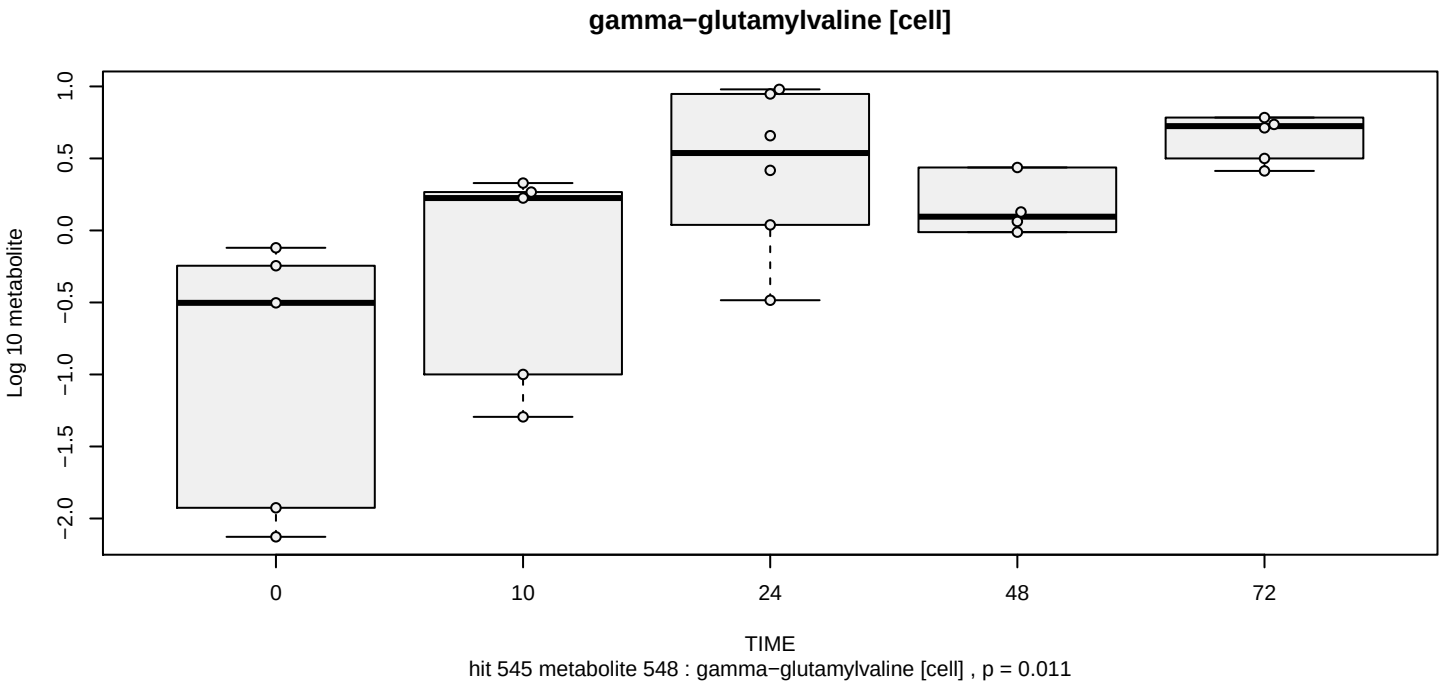
hit 542 metabolite 545 : gamma−glutamylisoleucine* [cell] , p = 0.11



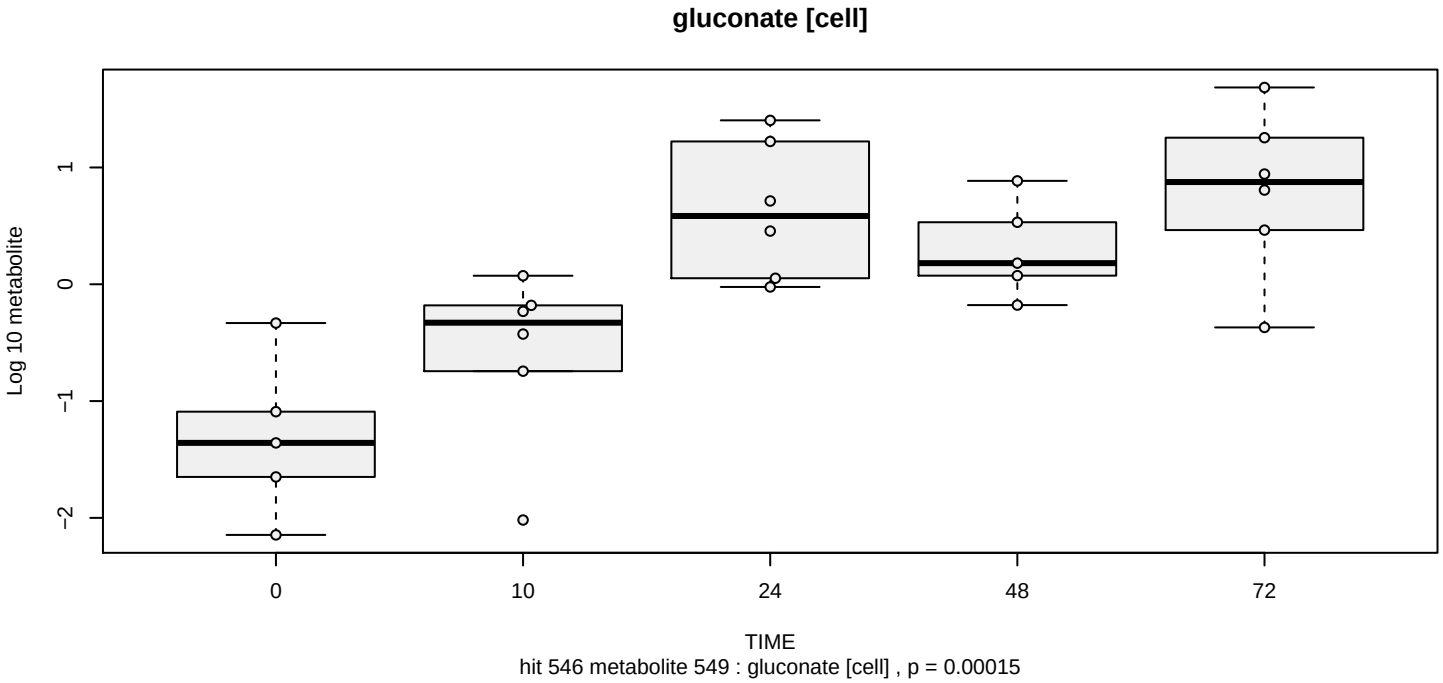
hit 543 metabolite 546 : gamma−glutamylleucine [cell] , p = 2.2e−05



hit 544 metabolite 547 : gamma−glutamylthreonine* [cell] , p = 6.5e−05

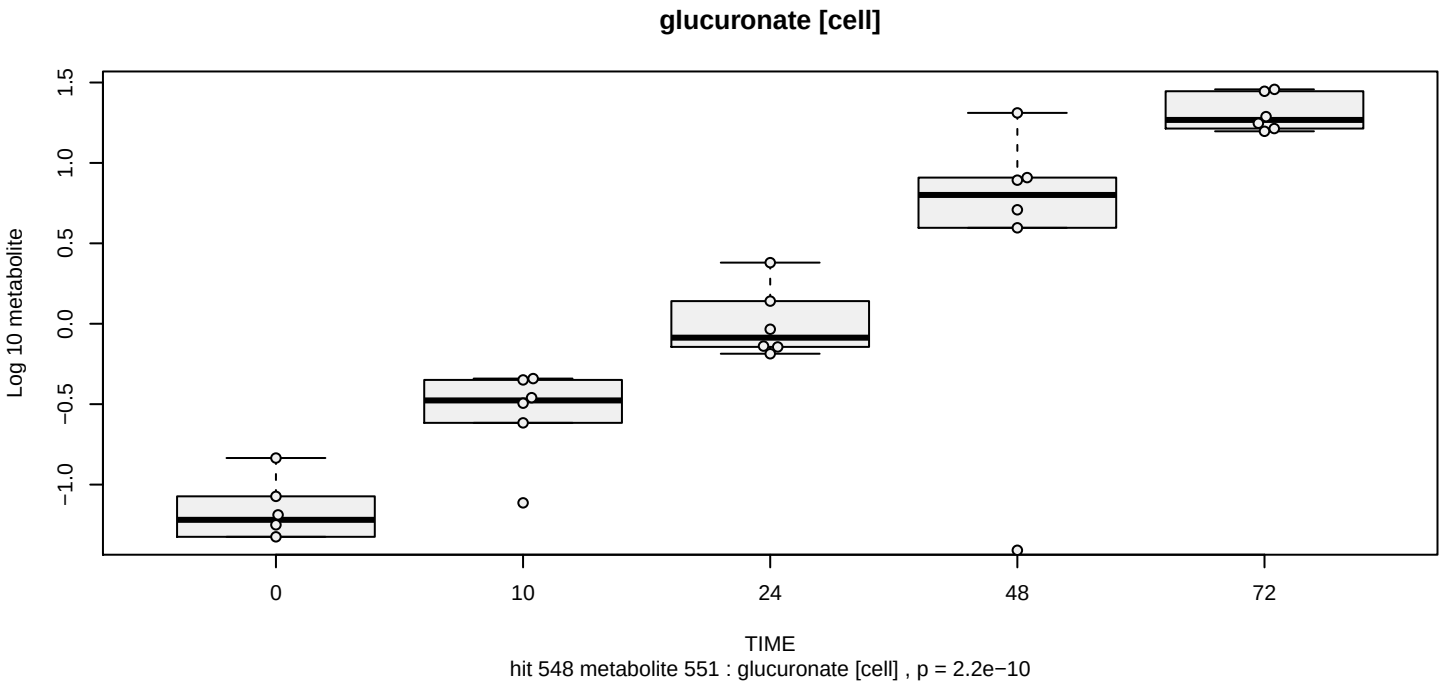


hit 545 metabolite 548 : gamma−glutamylvaline [cell] , p = 0.011

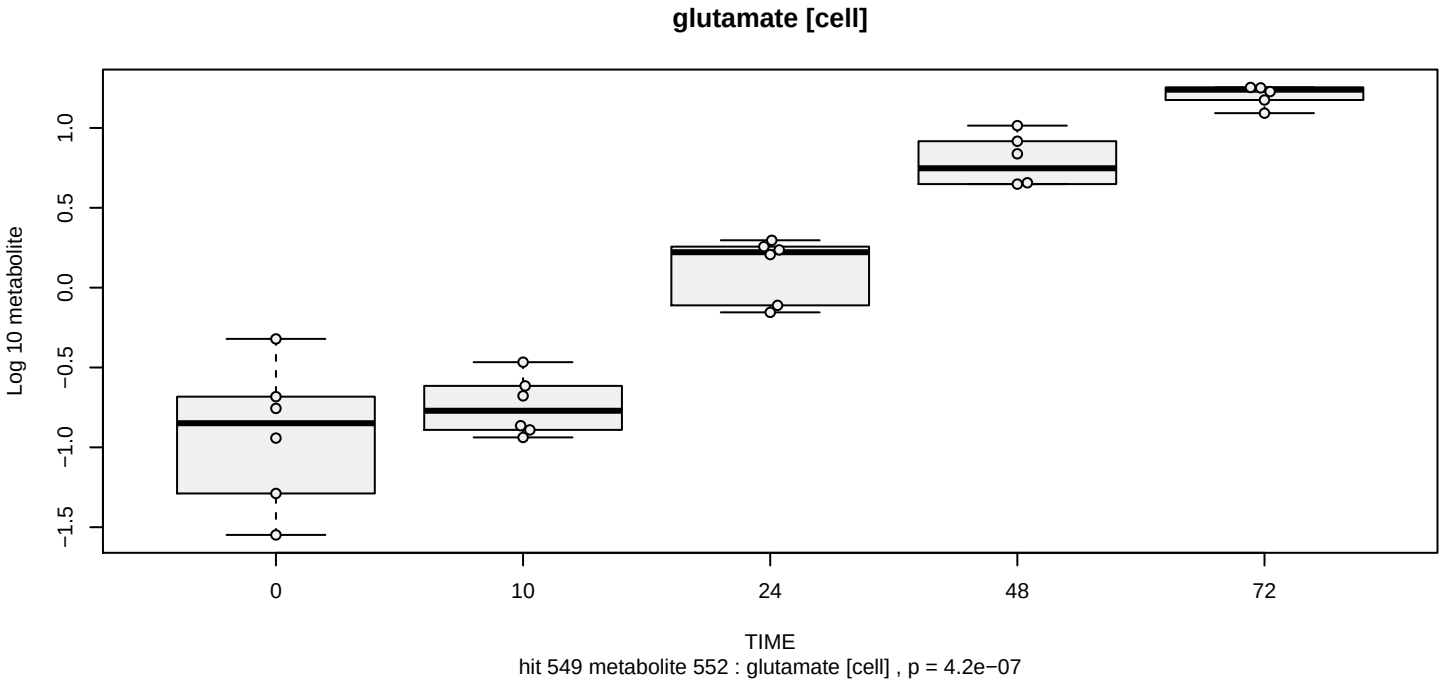


hit 546 metabolite 549 : gluconate [cell] , p = 0.00015

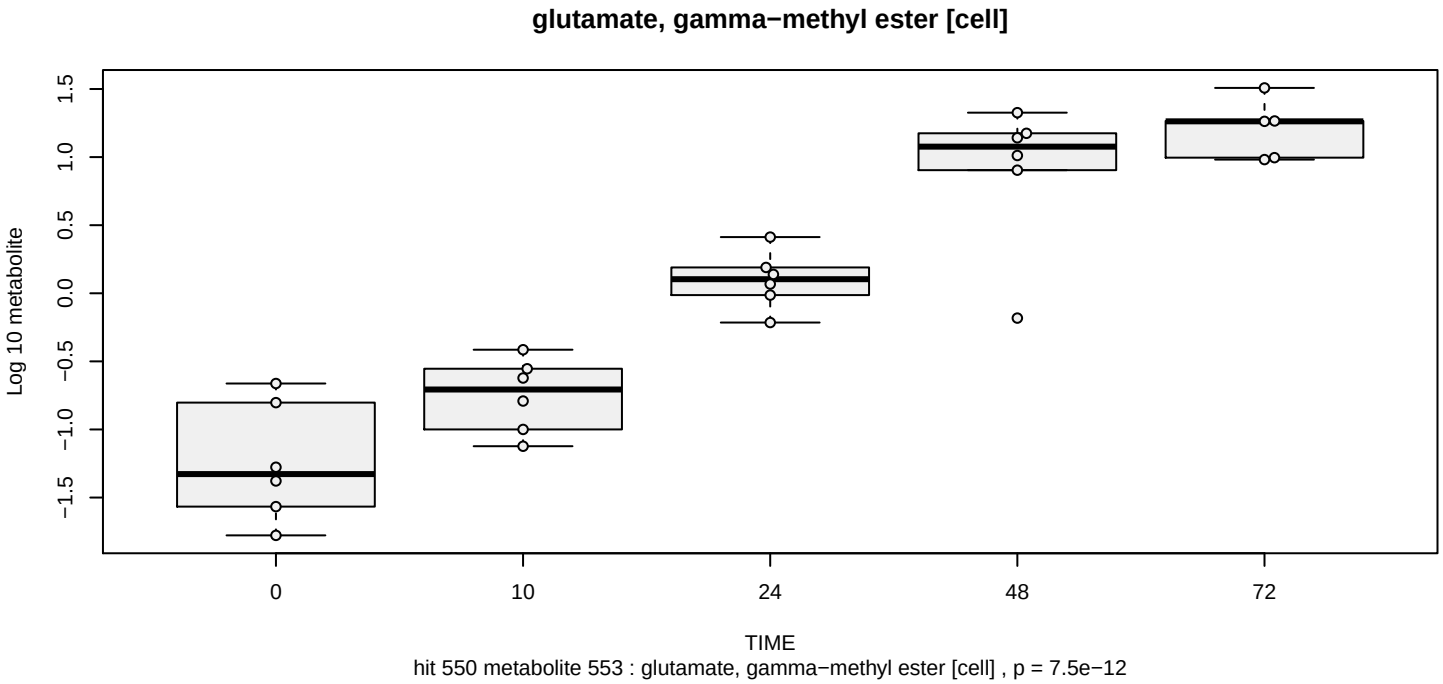
hit 547 metabolite 550 : glucose [cell] , p = 0.29



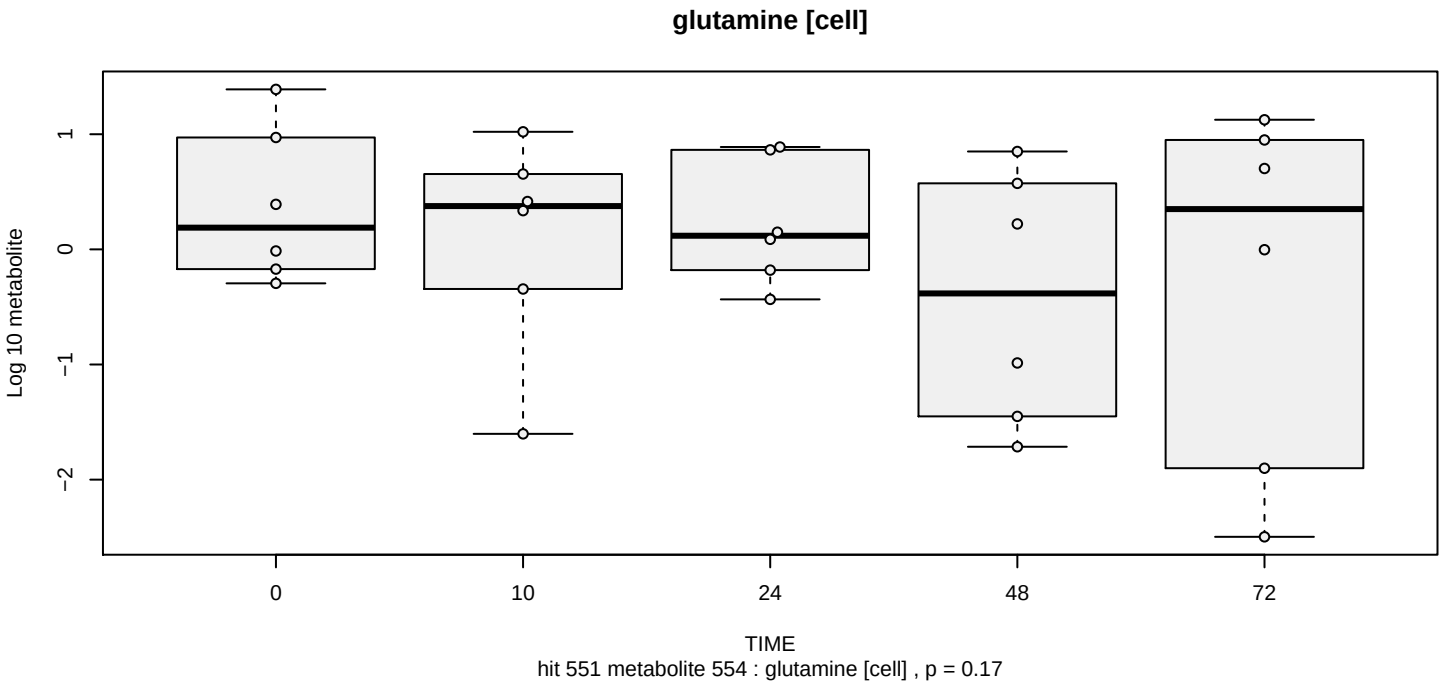
hit 548 metabolite 551 : glucuronate [cell] , p = 2.2e−10



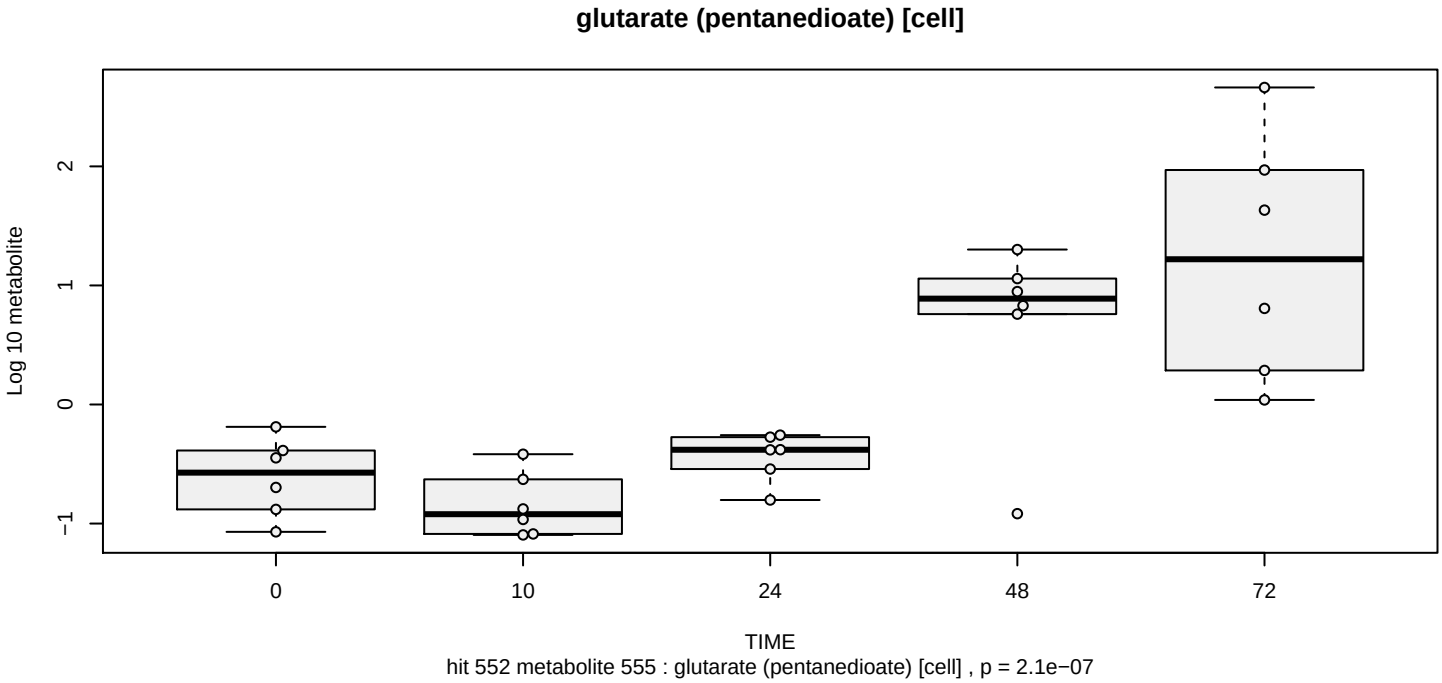
hit 549 metabolite 552 : glutamate [cell] , p = 4.2e−07



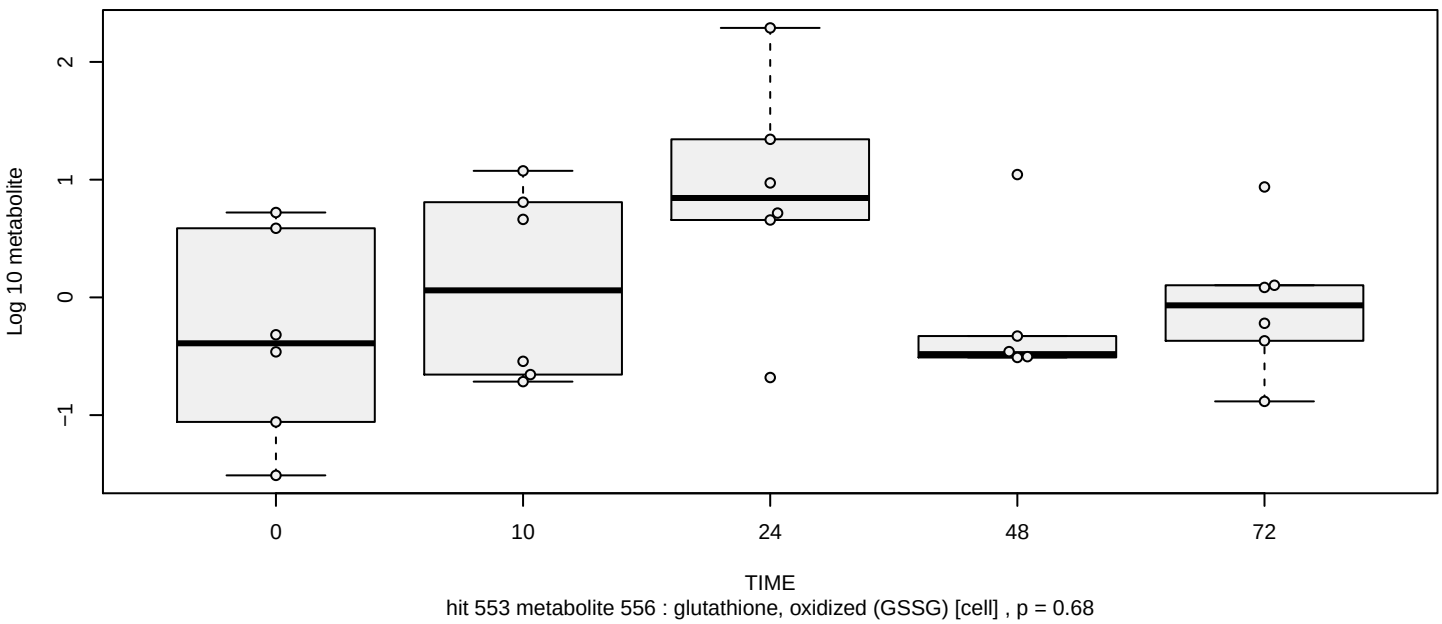
hit 550 metabolite 553 : glutamate, gamma−methyl ester [cell] , p = 7.5e−12



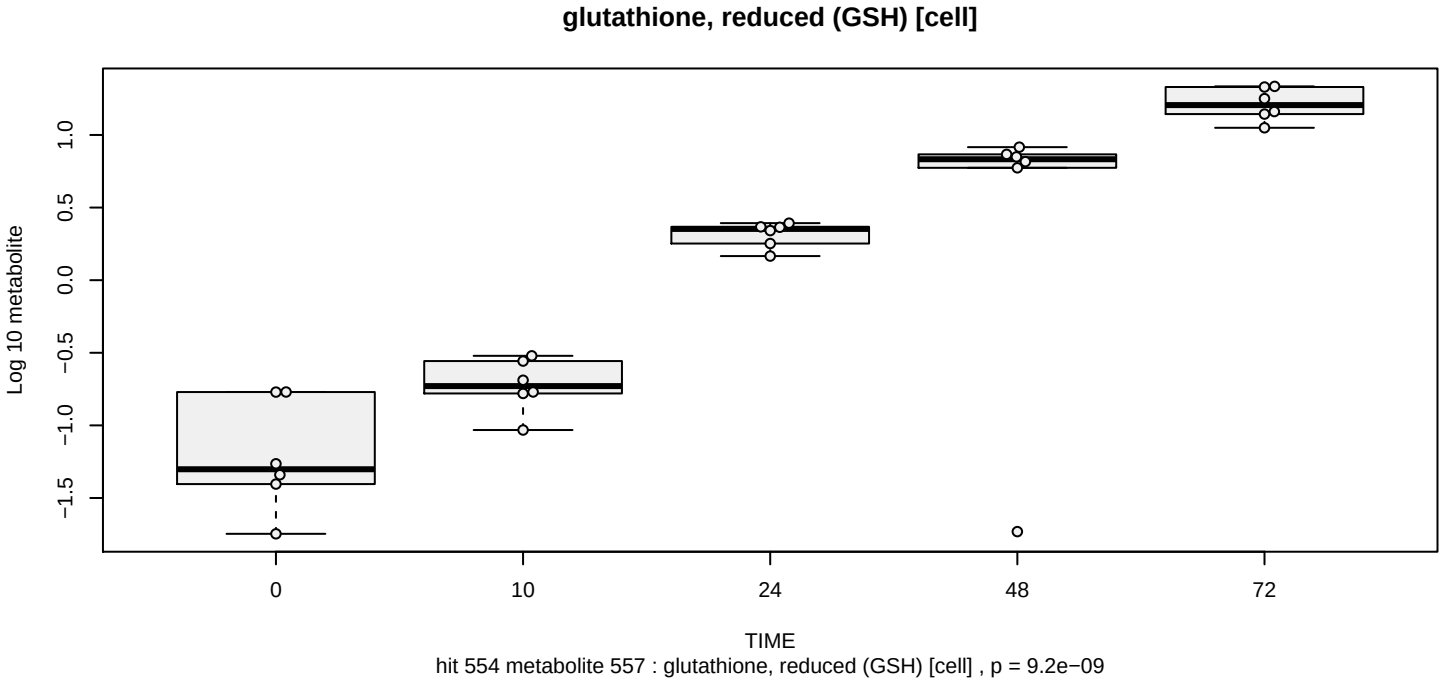
hit 551 metabolite 554 : glutamine [cell] , p = 0.17



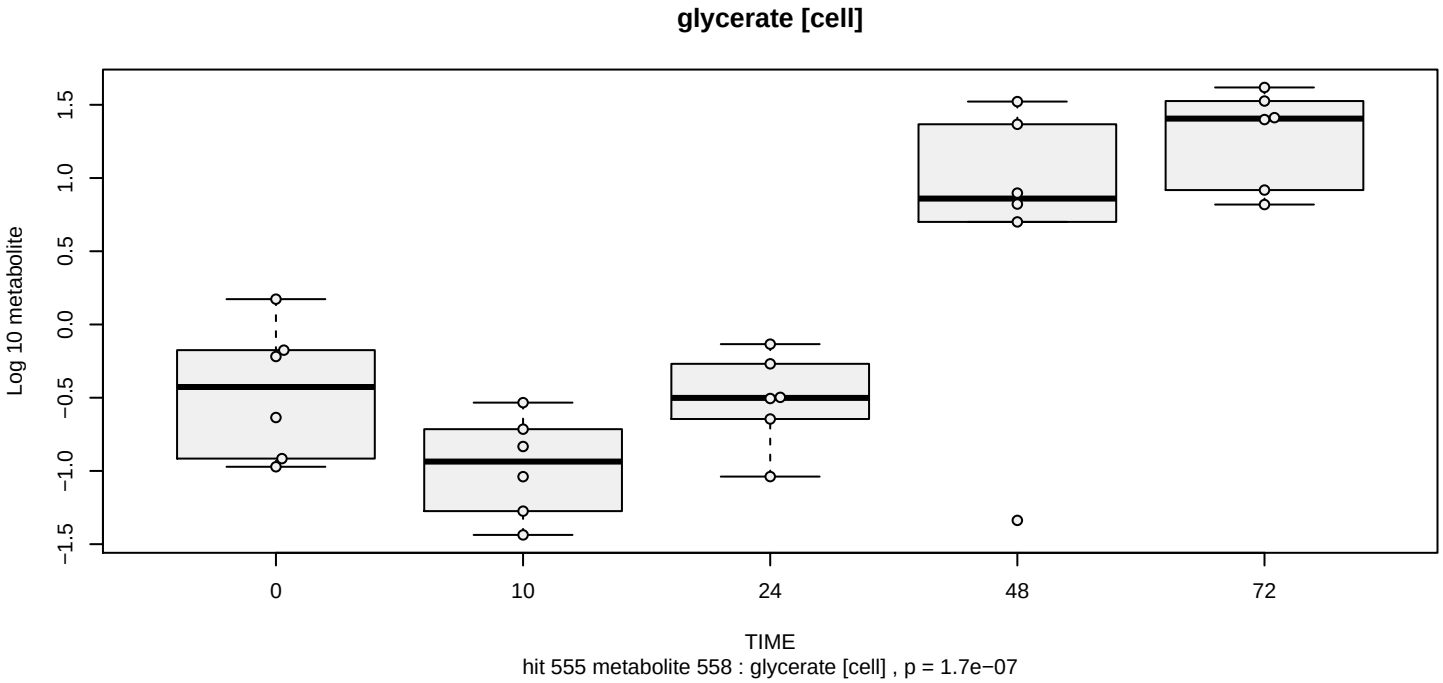
hit 552 metabolite 555 : glutarate (pentanedioate) [cell] , p = 2.1e−07



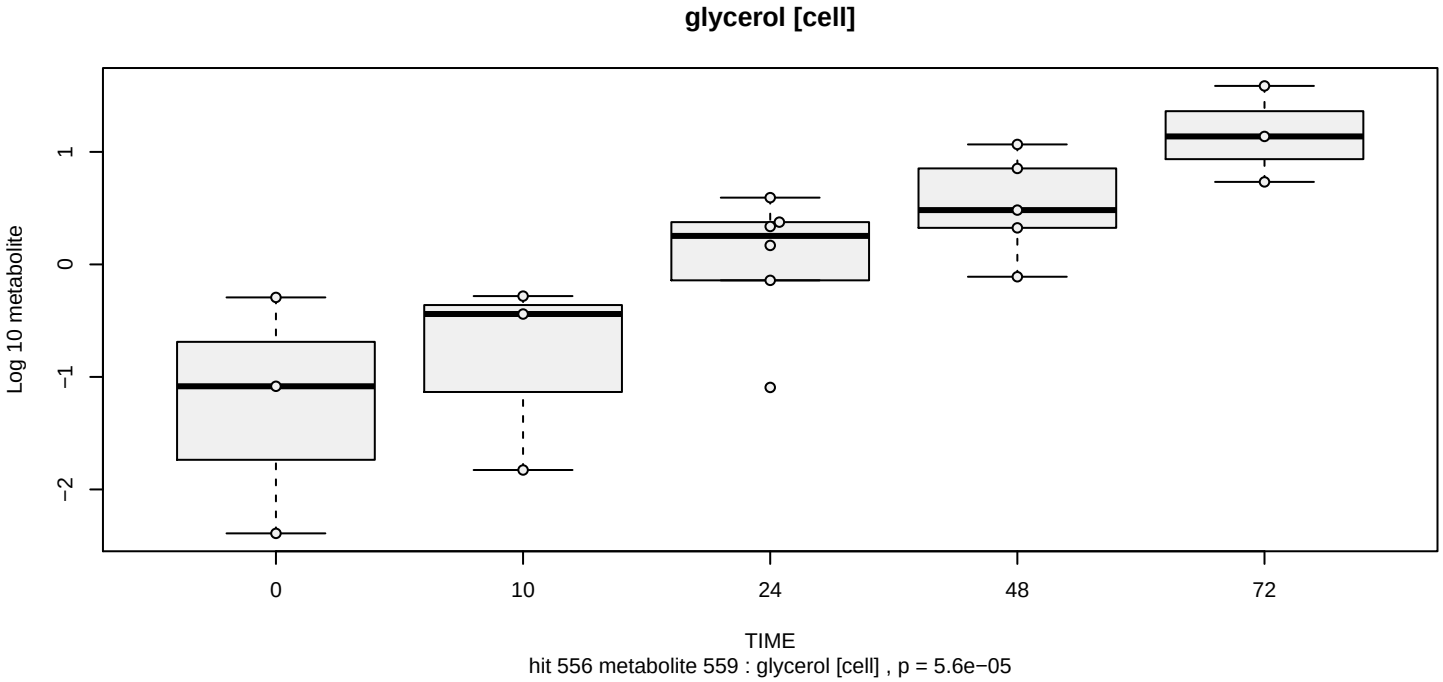
hit 553 metabolite 556 : glutathione, oxidized (GSSG) [cell] , p = 0.68



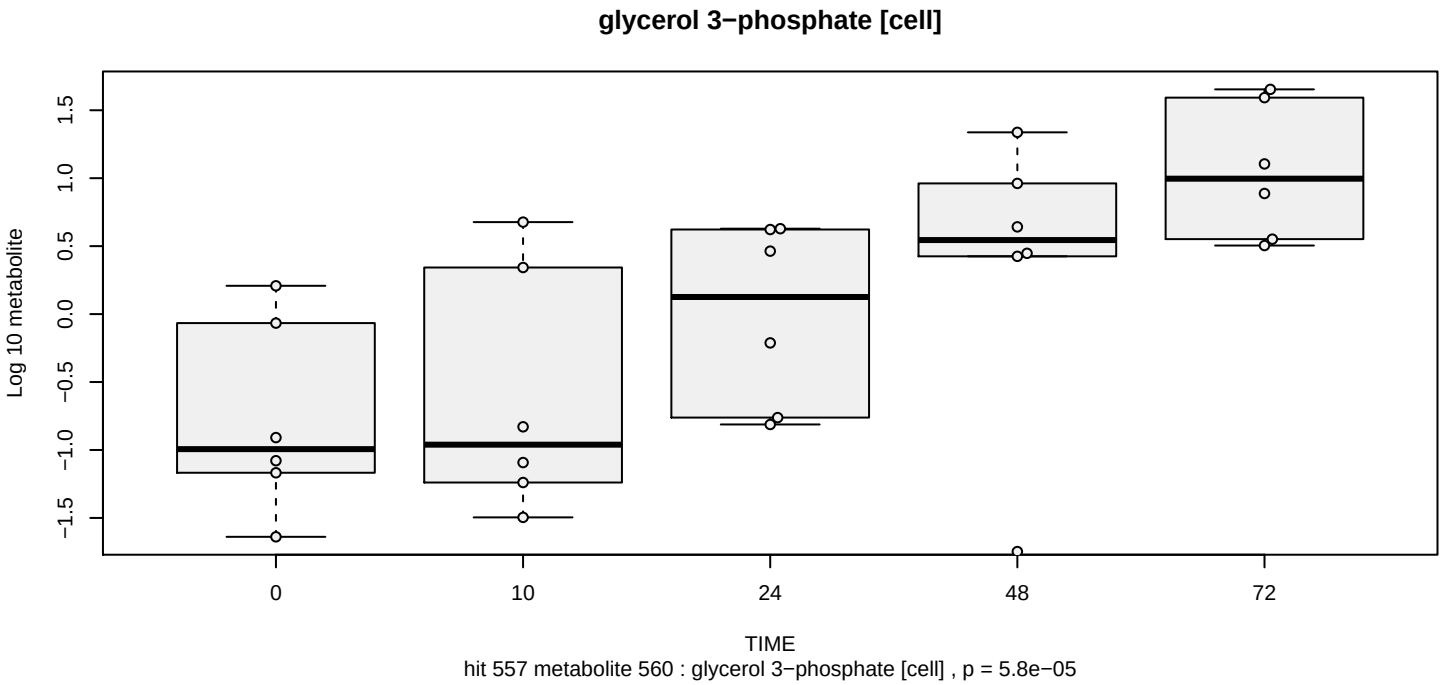
hit 554 metabolite 557 : glutathione, reduced (GSH) [cell] , p = 9.2e−09



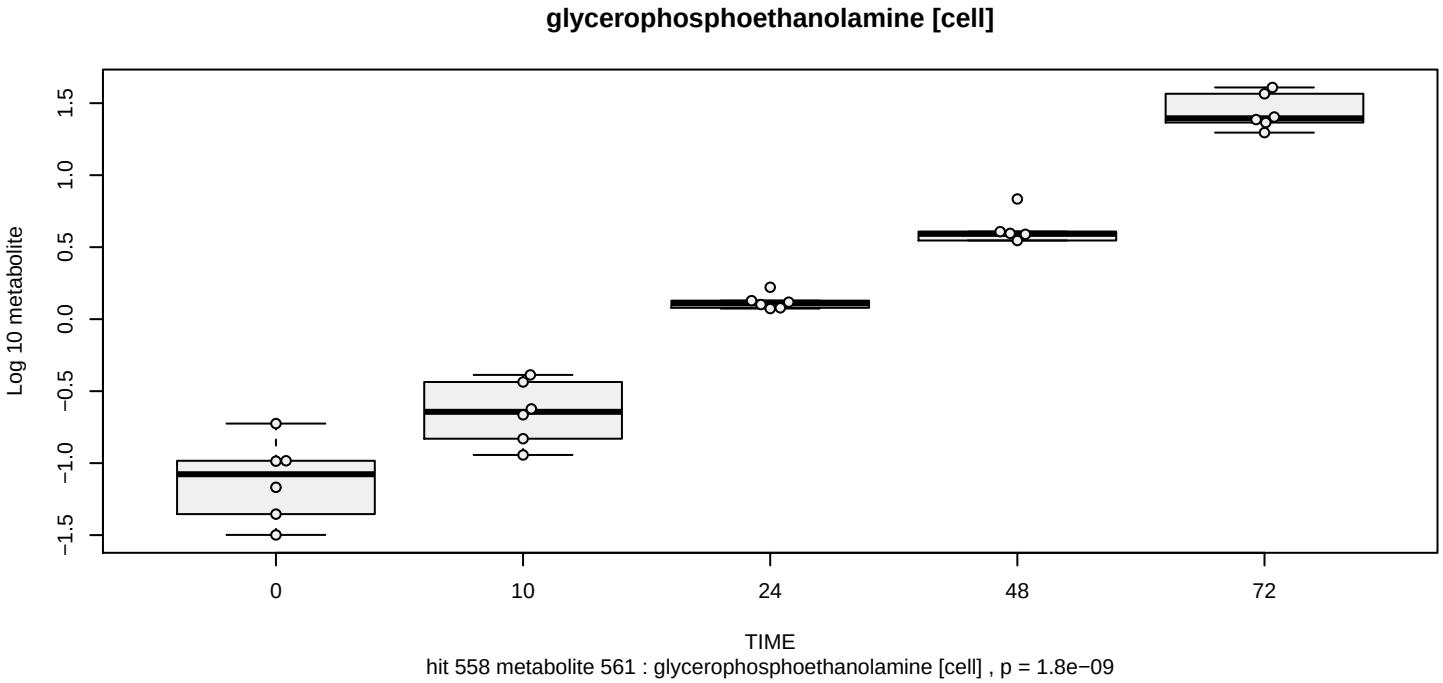
hit 555 metabolite 558 : glycerate [cell] , p = 1.7e−07



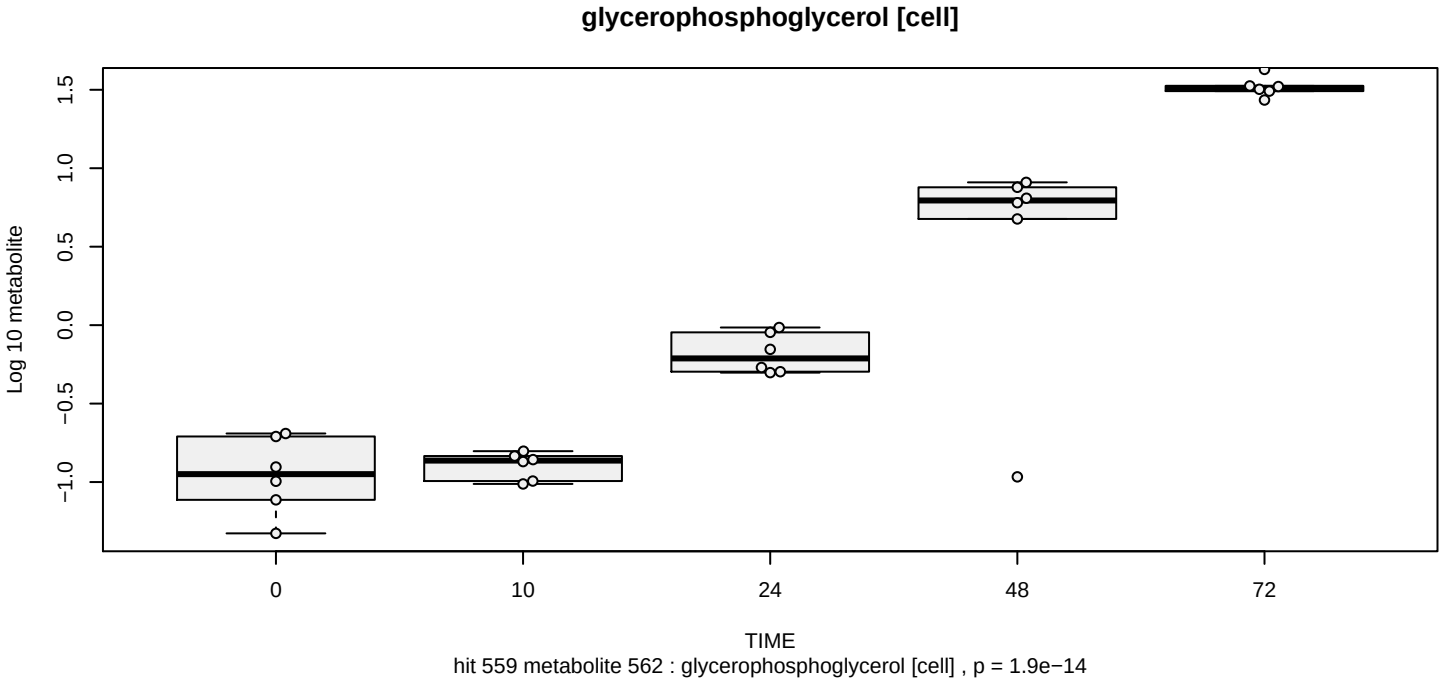
hit 556 metabolite 559 : glycerol [cell] , p = 5.6e−05



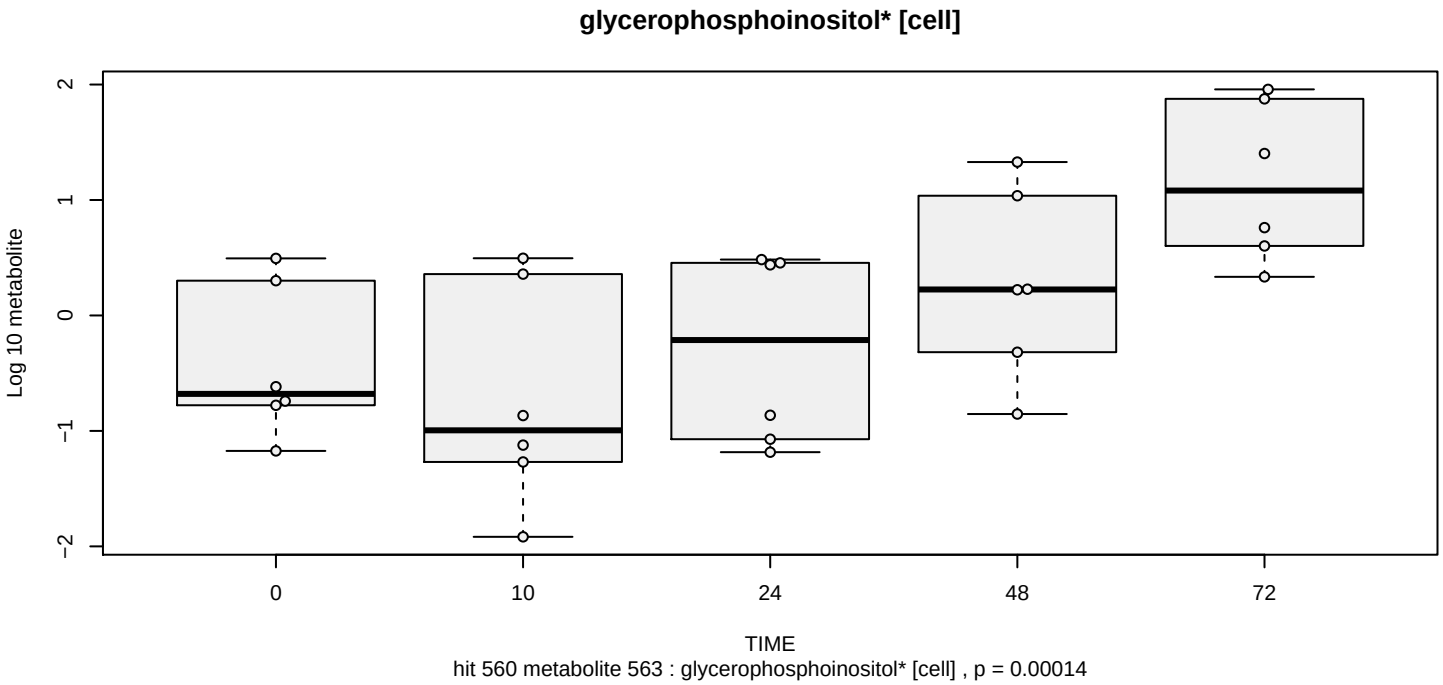
hit 557 metabolite 560 : glycerol 3−phosphate [cell] , p = 5.8e−05



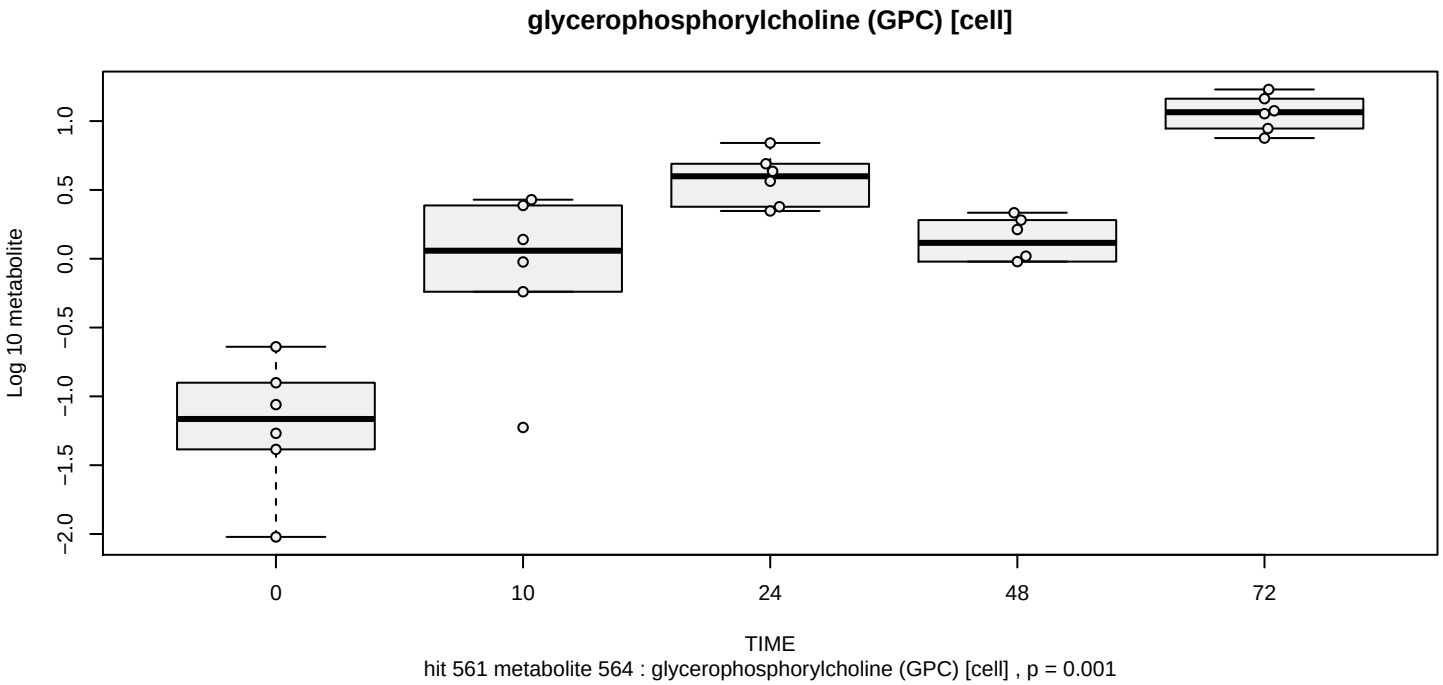
hit 558 metabolite 561 : glycerophosphoethanolamine [cell] , p = 1.8e−09



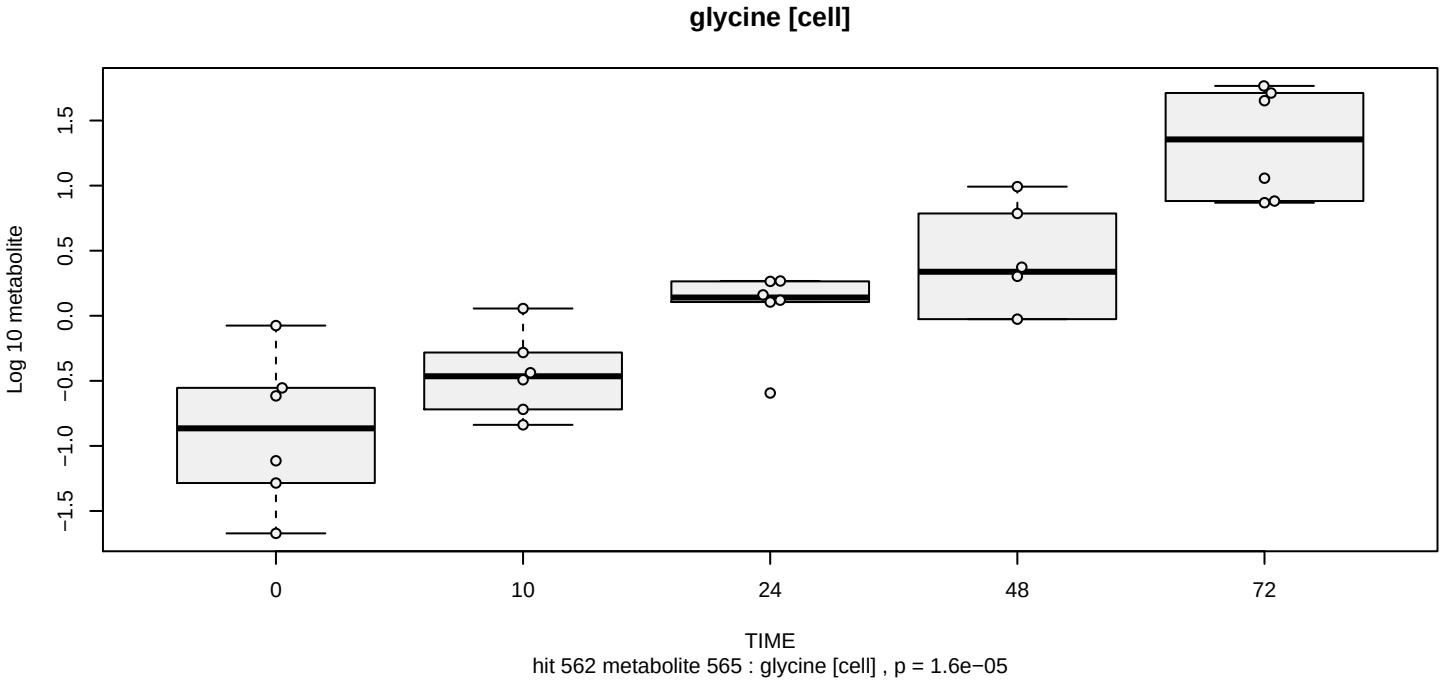
hit 559 metabolite 562 : glycerophosphoglycerol [cell] , p = 1.9e−14



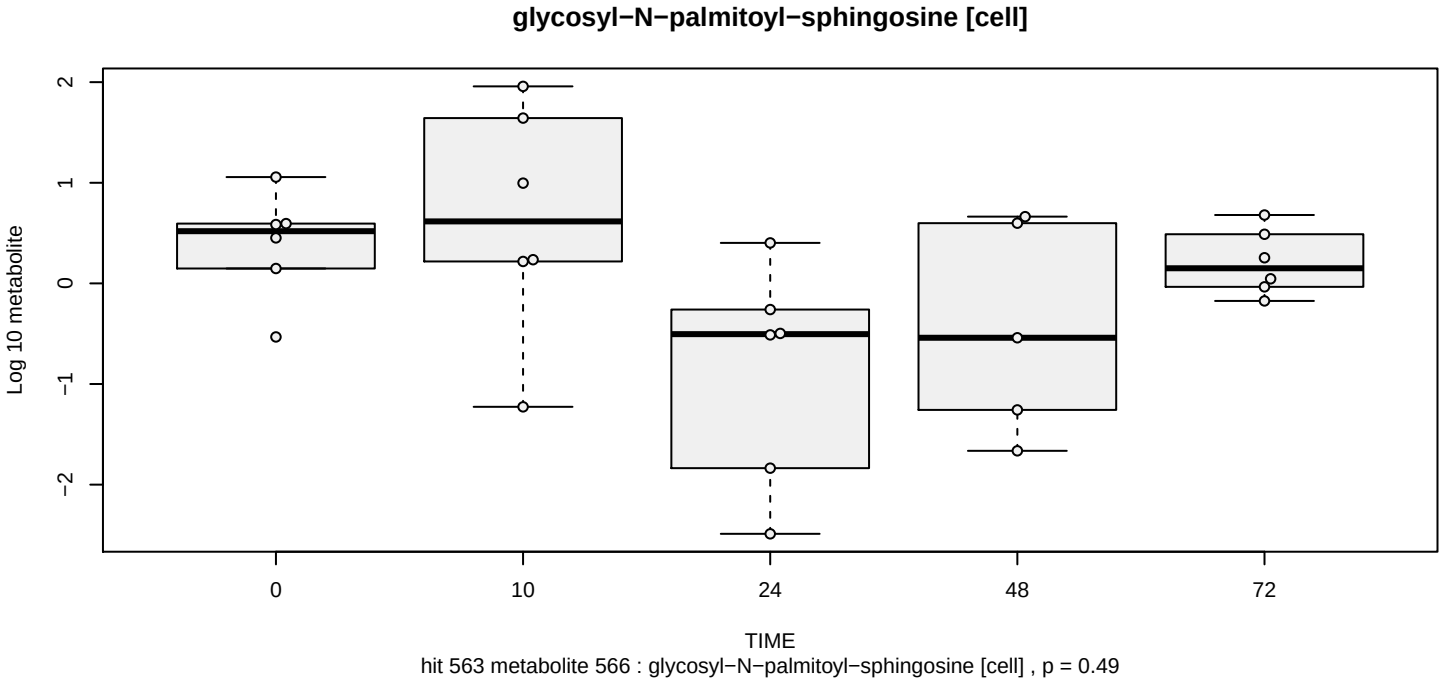
hit 560 metabolite 563 : glycerophosphoinositol* [cell] , p = 0.00014



hit 561 metabolite 564 : glycerophosphorylcholine (GPC) [cell] , p = 0.001

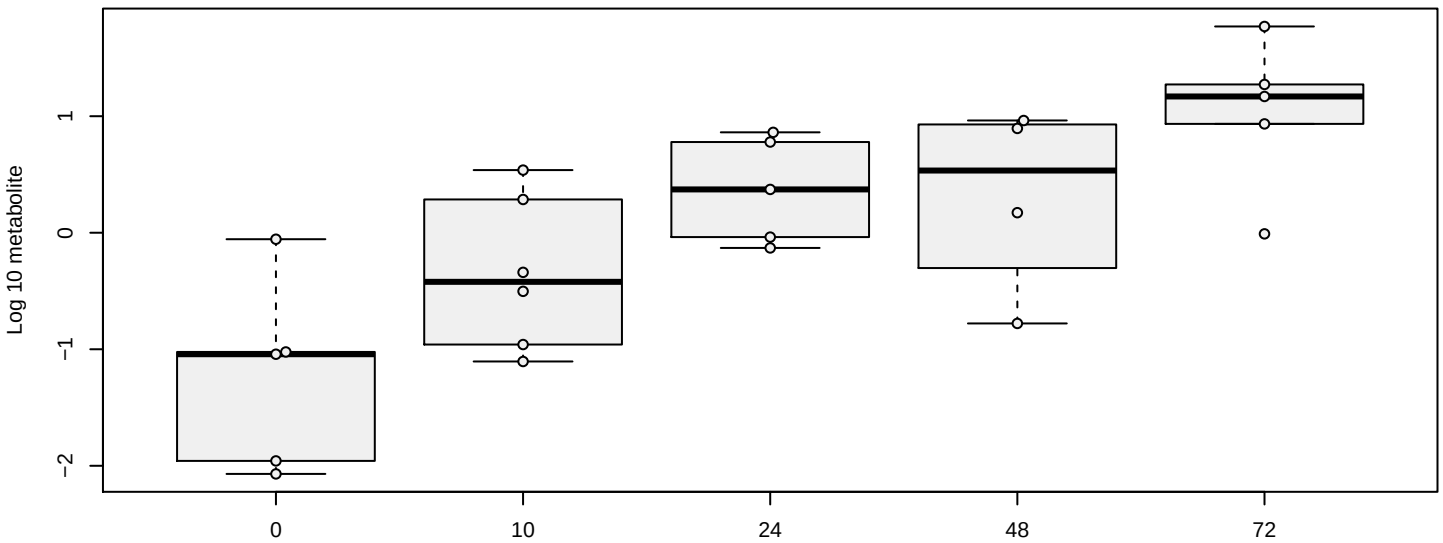


hit 562 metabolite 565 : glycine [cell] , p = 1.6e−05



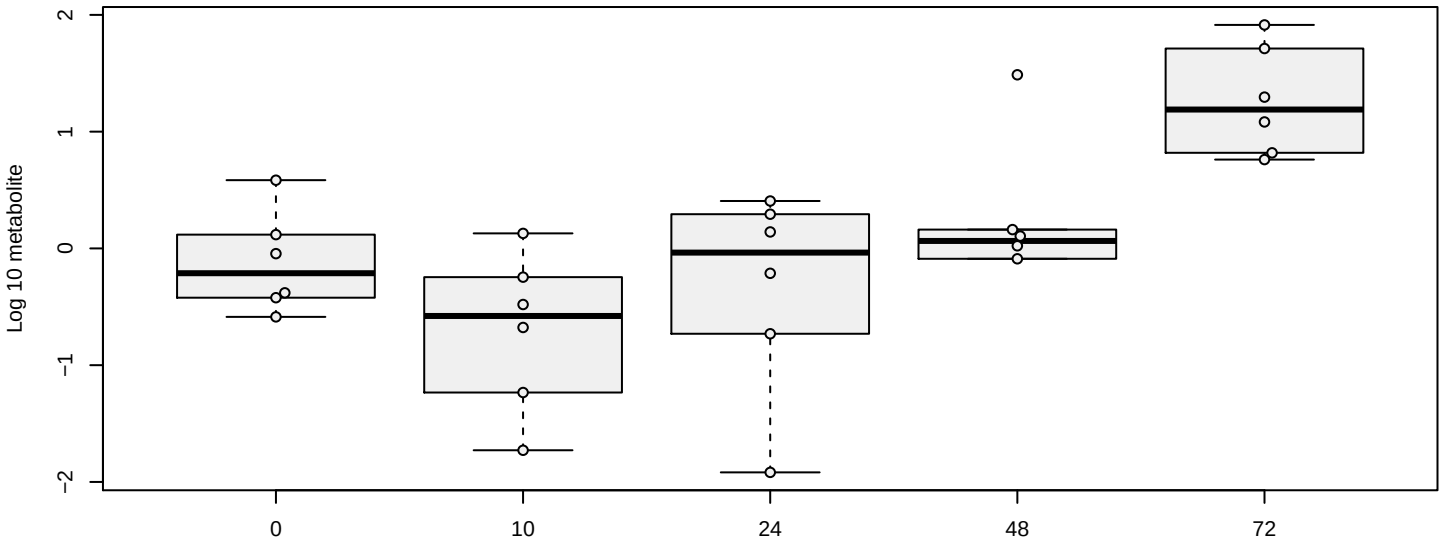
hit 563 metabolite 566 : glycosyl−N−palmitoyl−sphingosine [cell] , p = 0.49

guanine [cell]



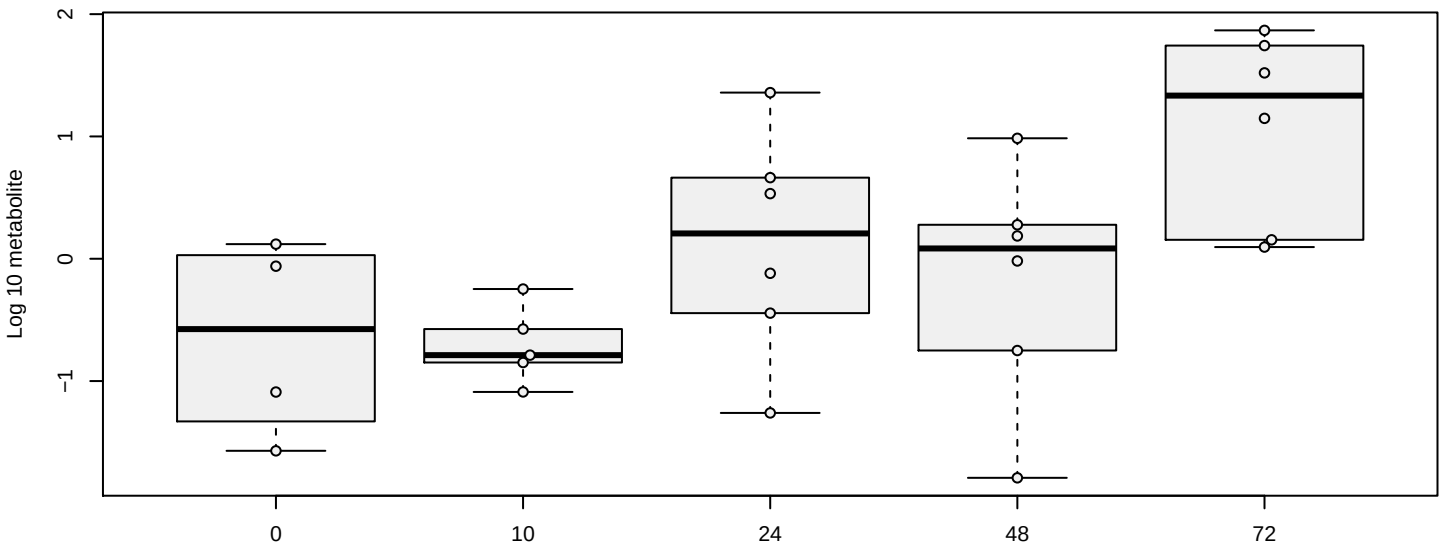
hit 564 metabolite 567 : guanine [cell] , p = 8e−05

guanosine [cell]

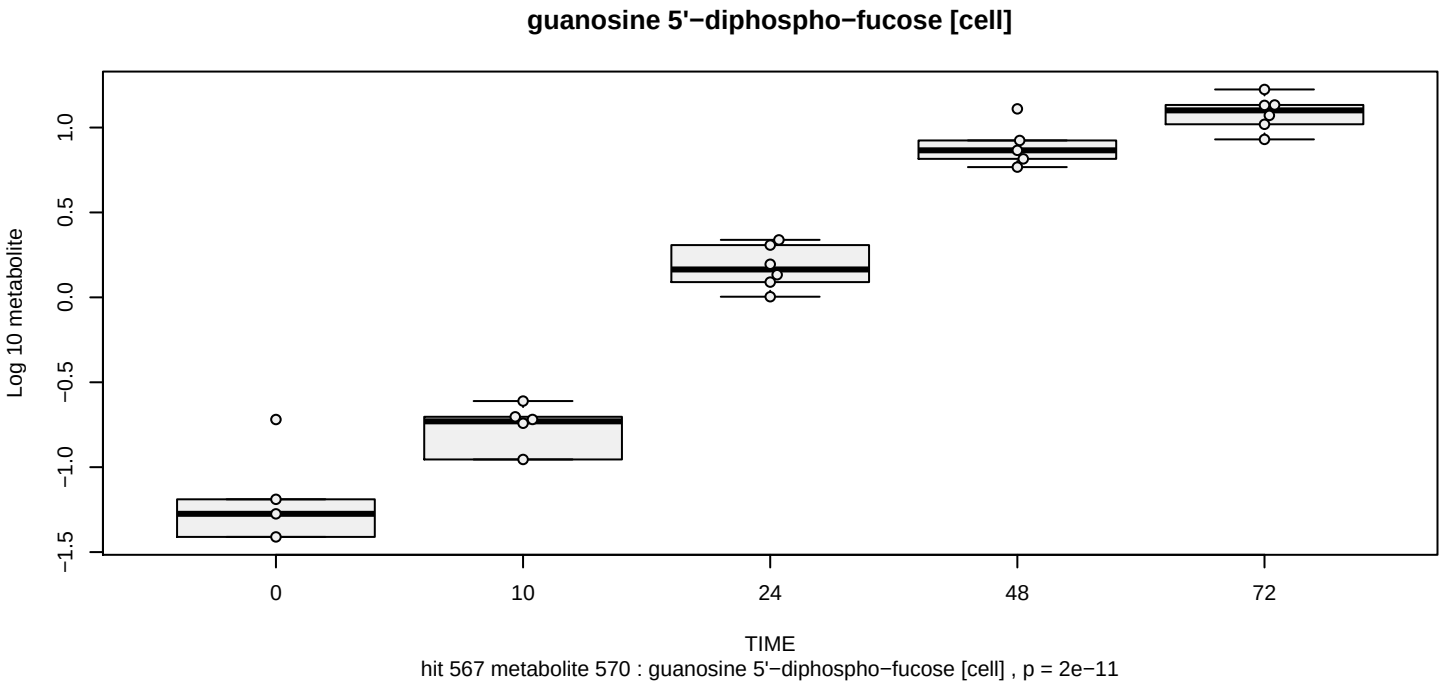


hit 565 metabolite 568 : guanosine [cell] , p = 0.0015

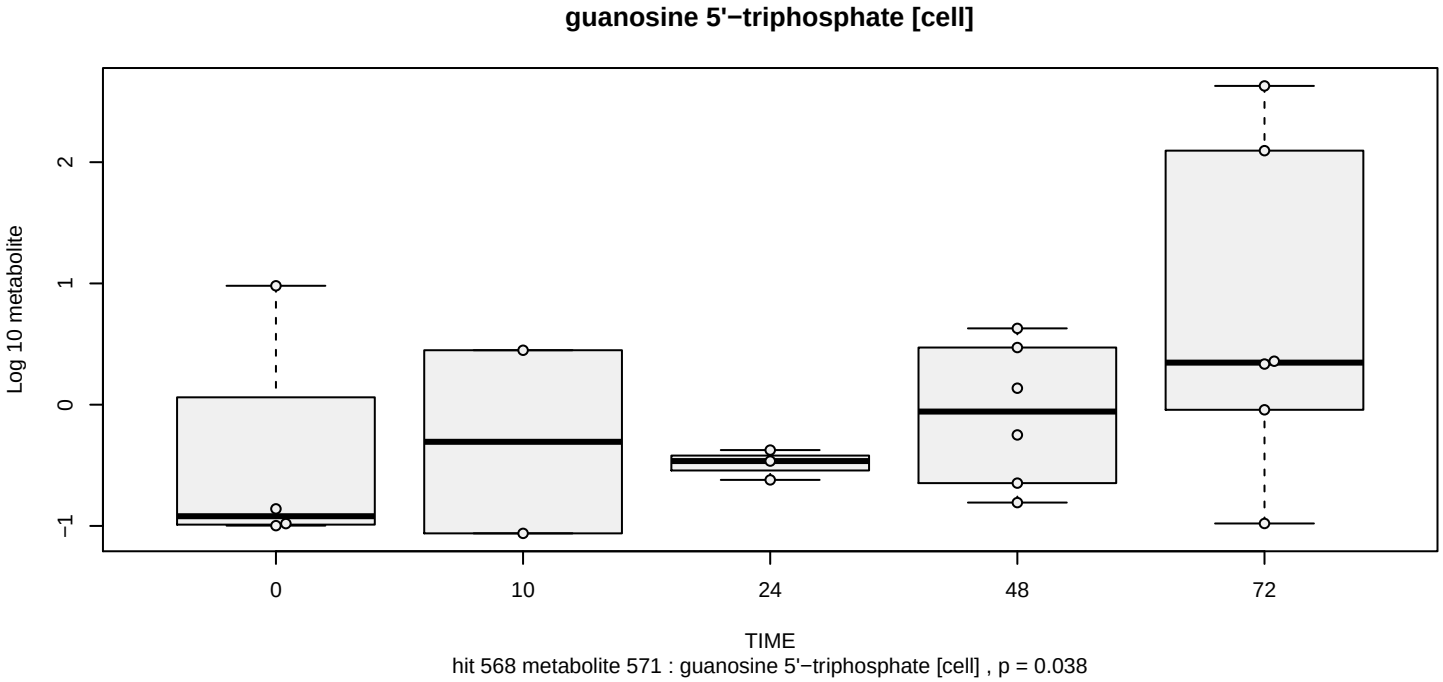
guanosine 5'− monophosphate (5'−GMP) [cell]



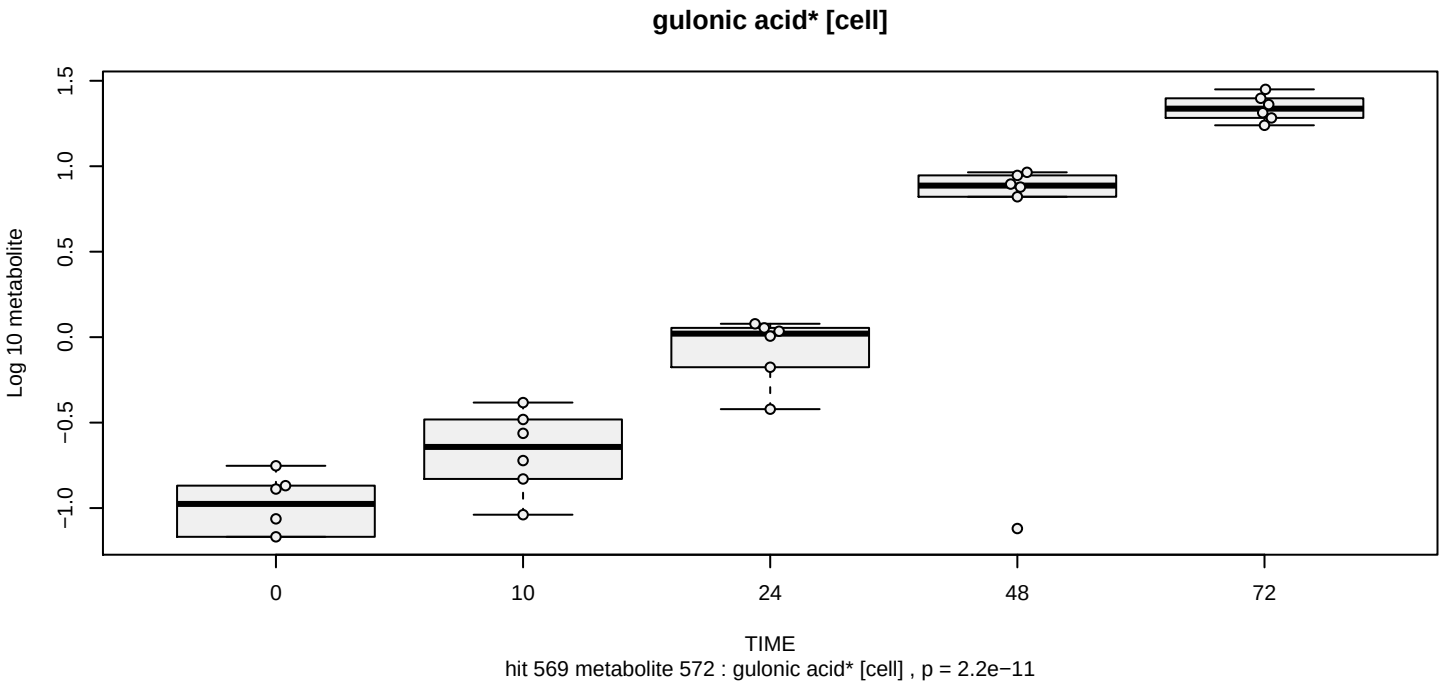
hit 566 metabolite 569 : guanosine 5'− monophosphate (5'−GMP) [cell] , p = 0.0014



hit 567 metabolite 570 : guanosine 5'−diphospho−fucose [cell] , p = 2e−11

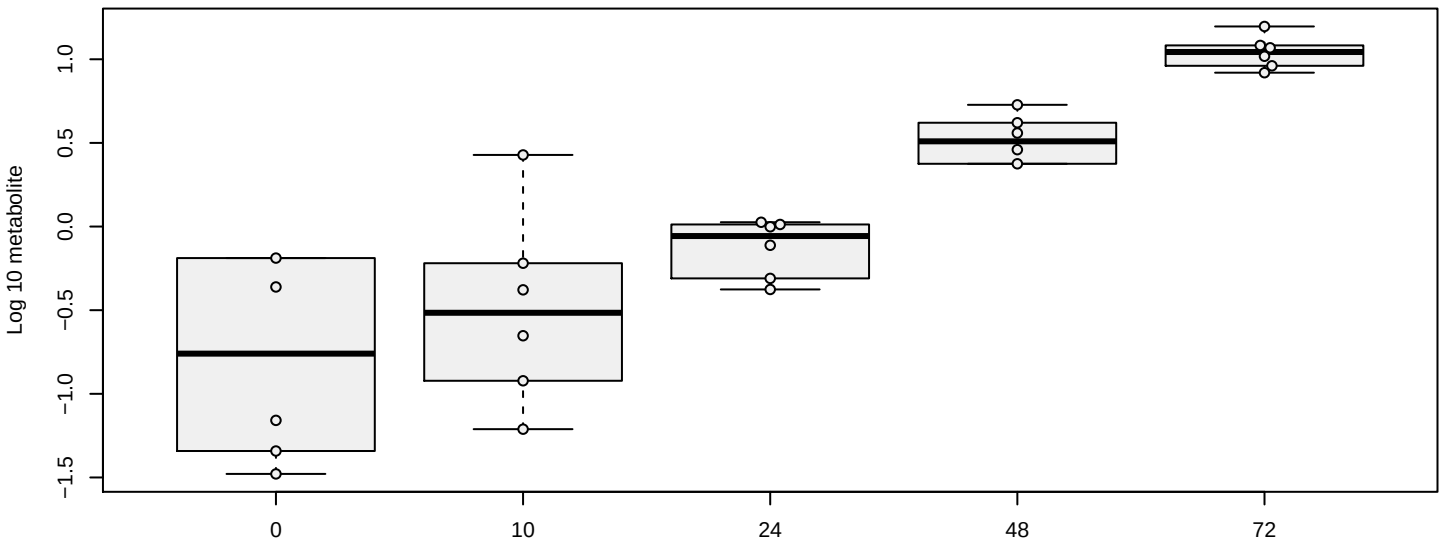


hit 568 metabolite 571 : guanosine 5'−triphosphate [cell] , p = 0.038



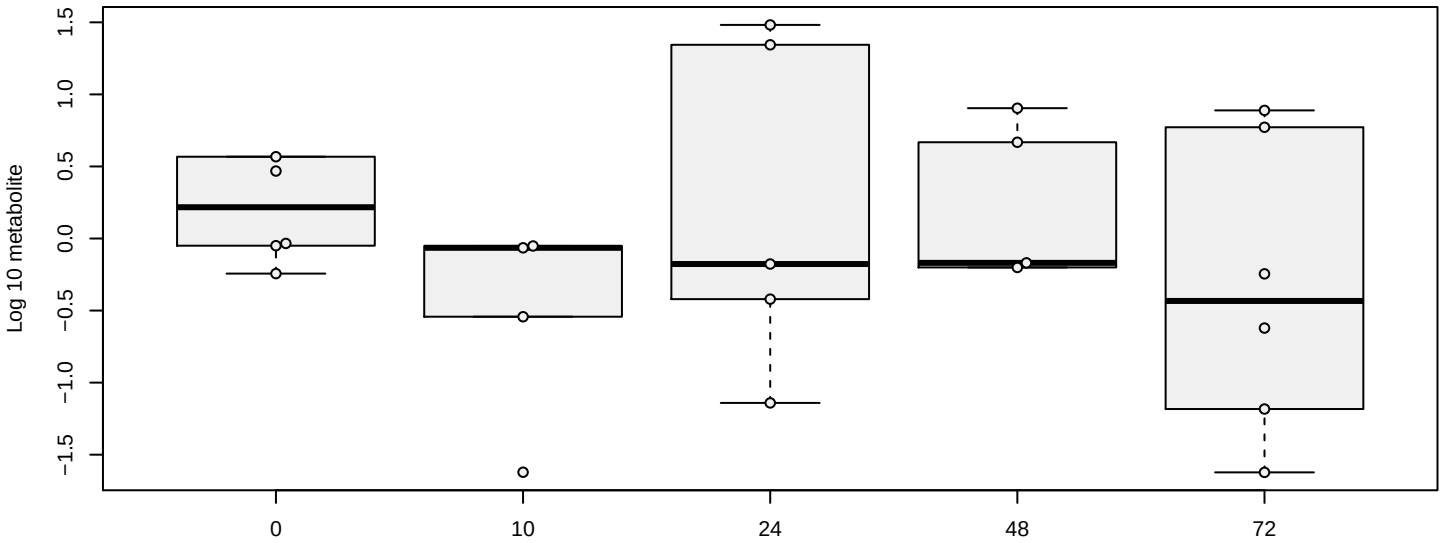
hit 569 metabolite 572 : gulonic acid* [cell] , p = 2.2e−11

HEPES [cell]



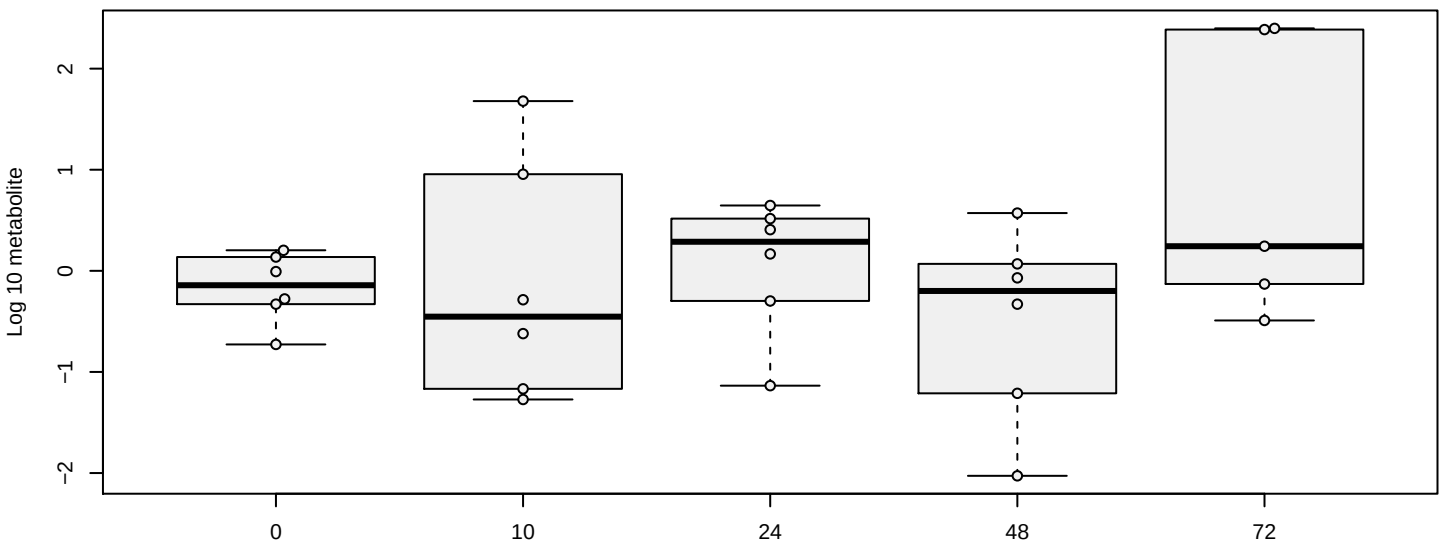
hit 570 metabolite 573 : HEPES [cell] , p = 0.0034

heptanoate (7:0) [cell]

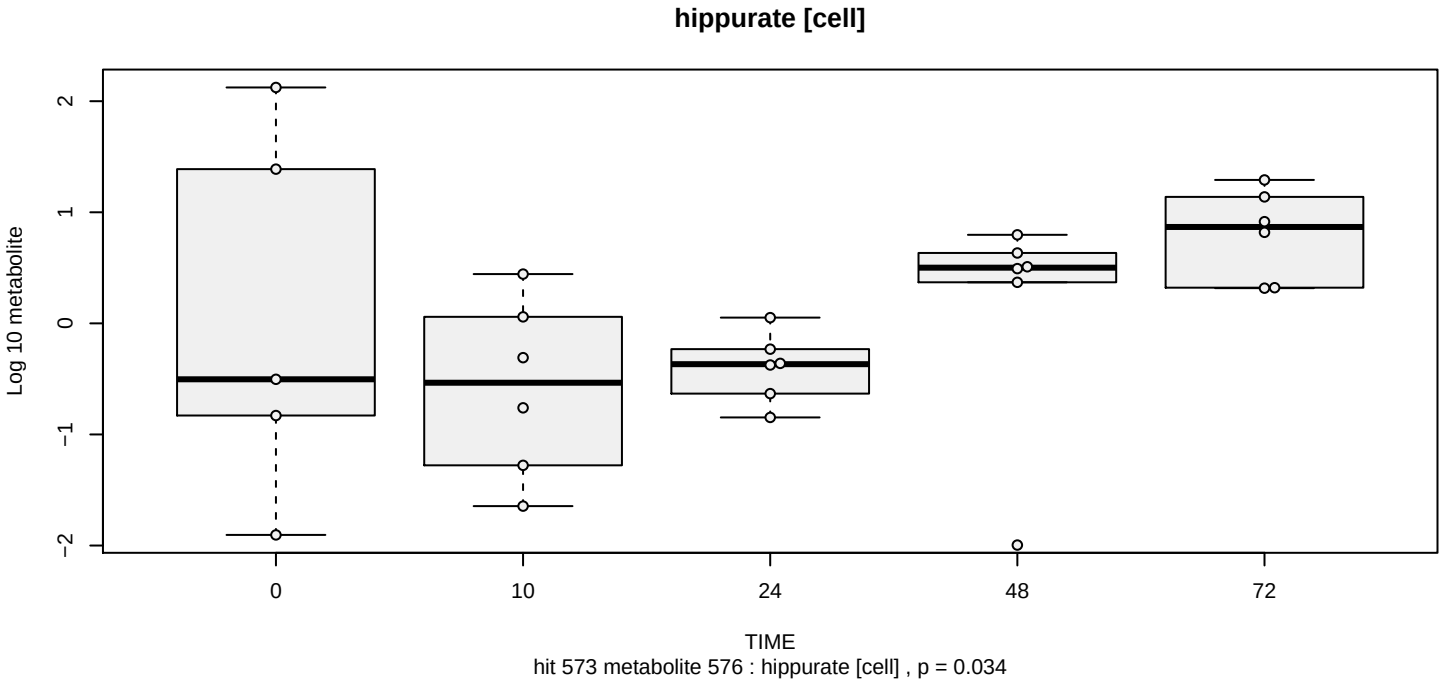


hit 571 metabolite 574 : heptanoate (7:0) [cell] , p = 0.25

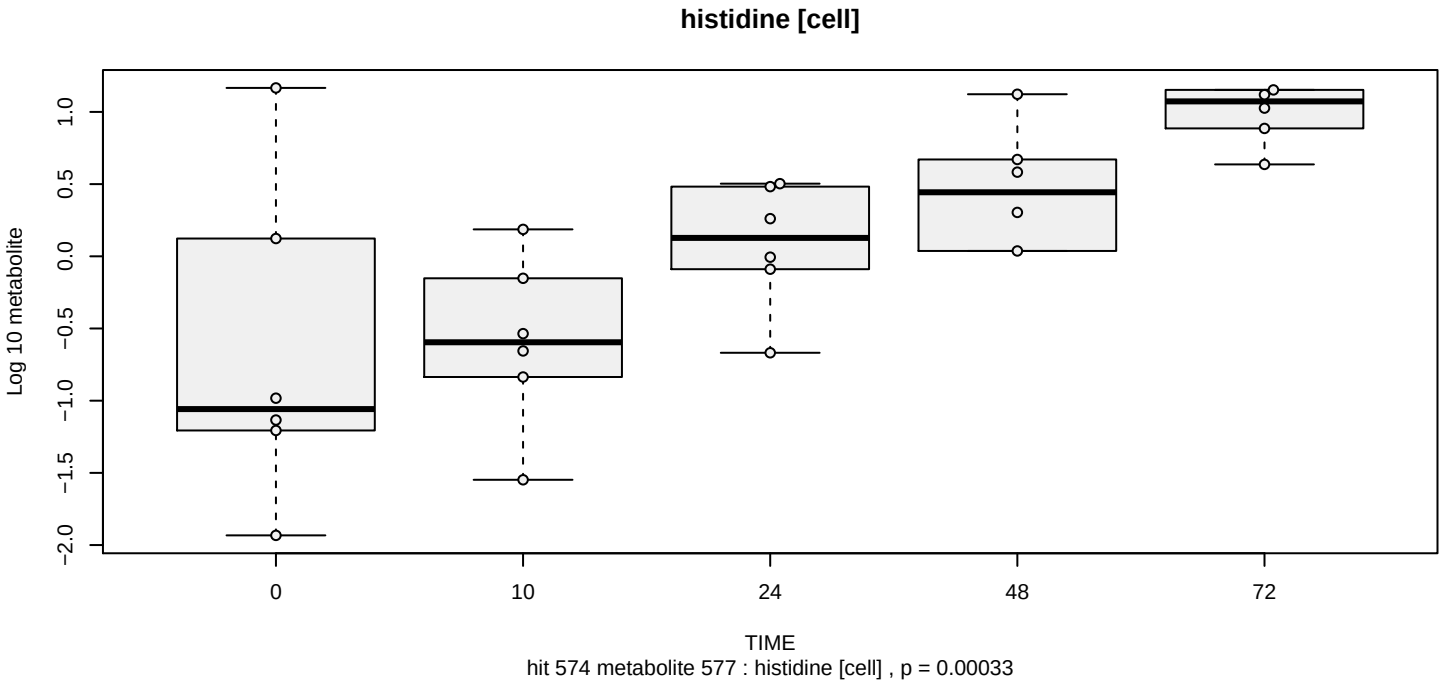
hexanoylcarnitine [cell]



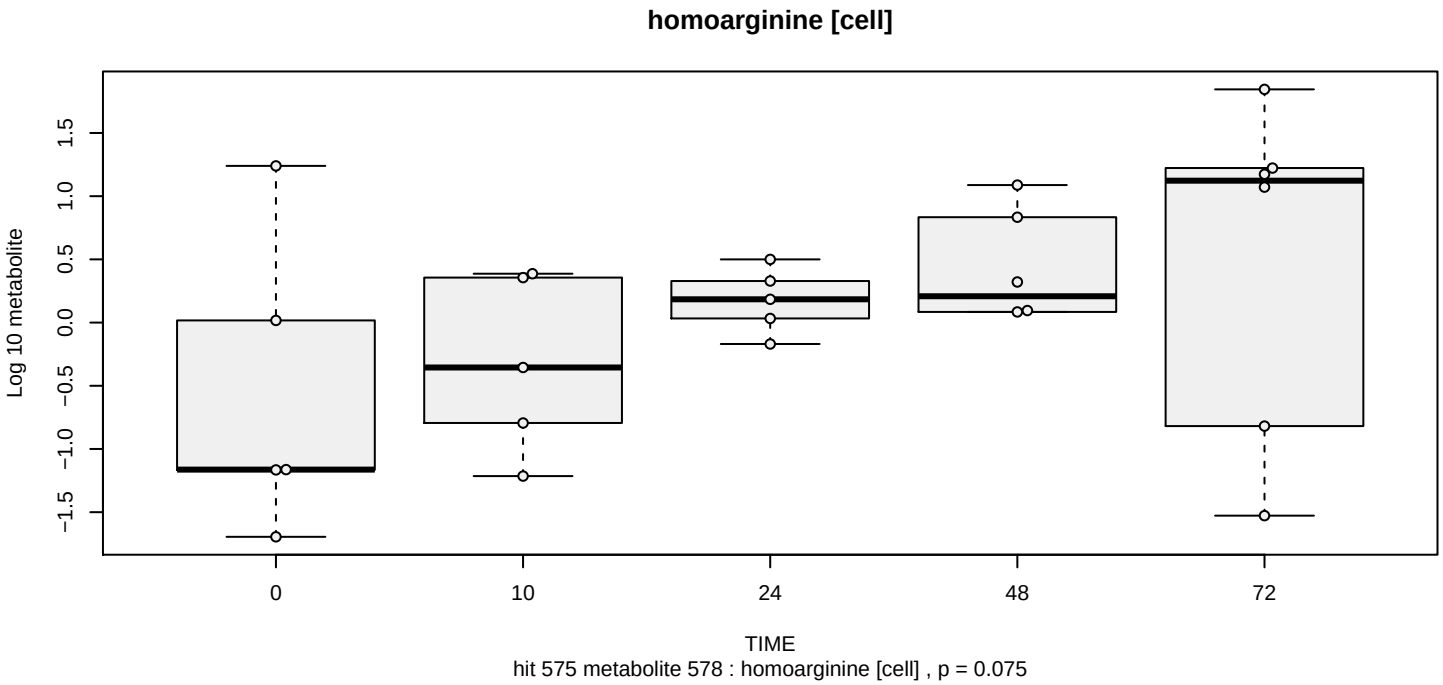
hit 572 metabolite 575 : hexanoylcarnitine [cell] , p = 0.21



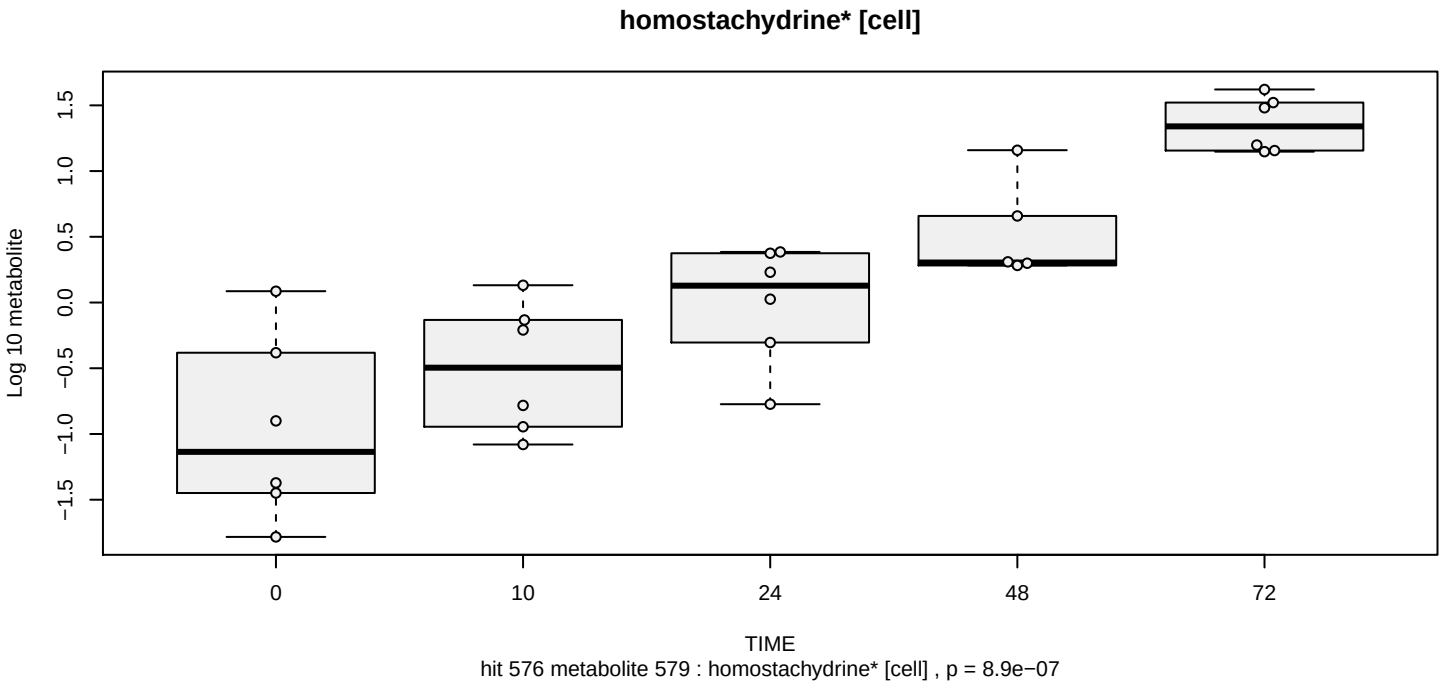
hit 573 metabolite 576 : hippurate [cell] , p = 0.034



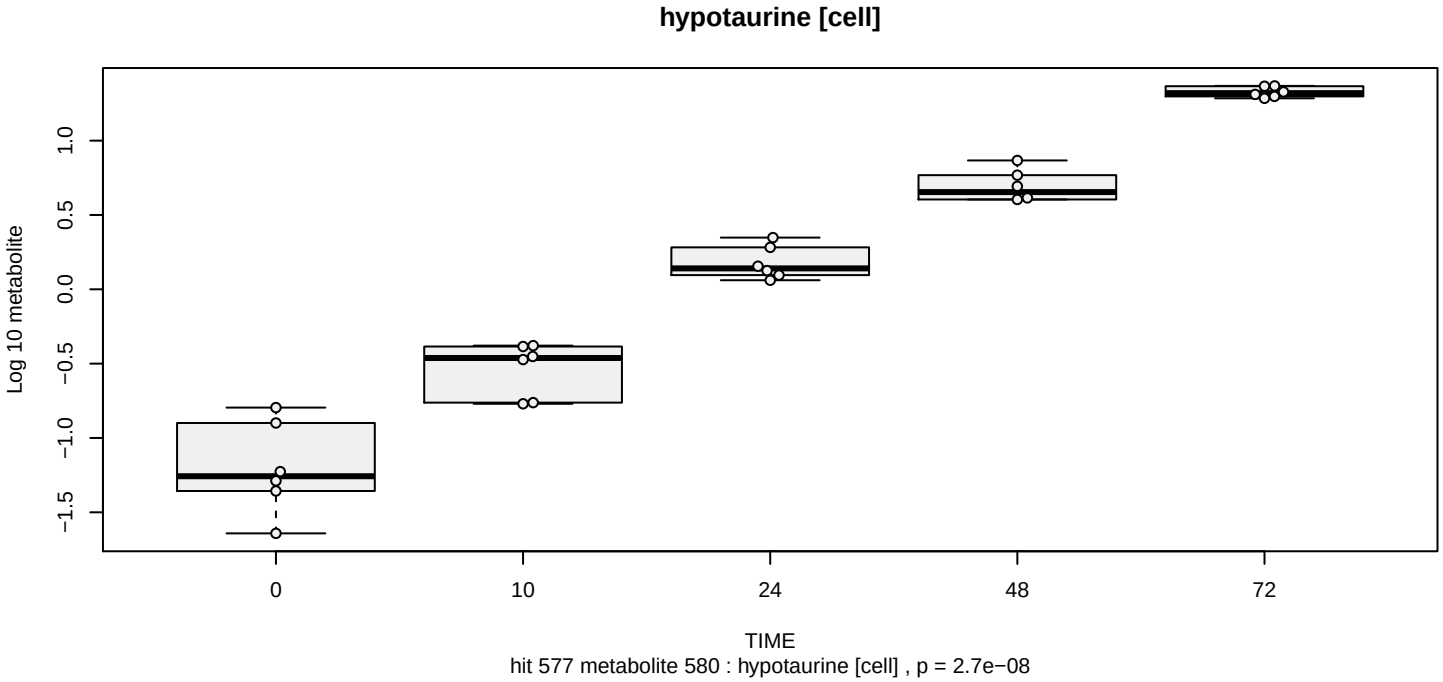
hit 574 metabolite 577 : histidine [cell] , p = 0.00033



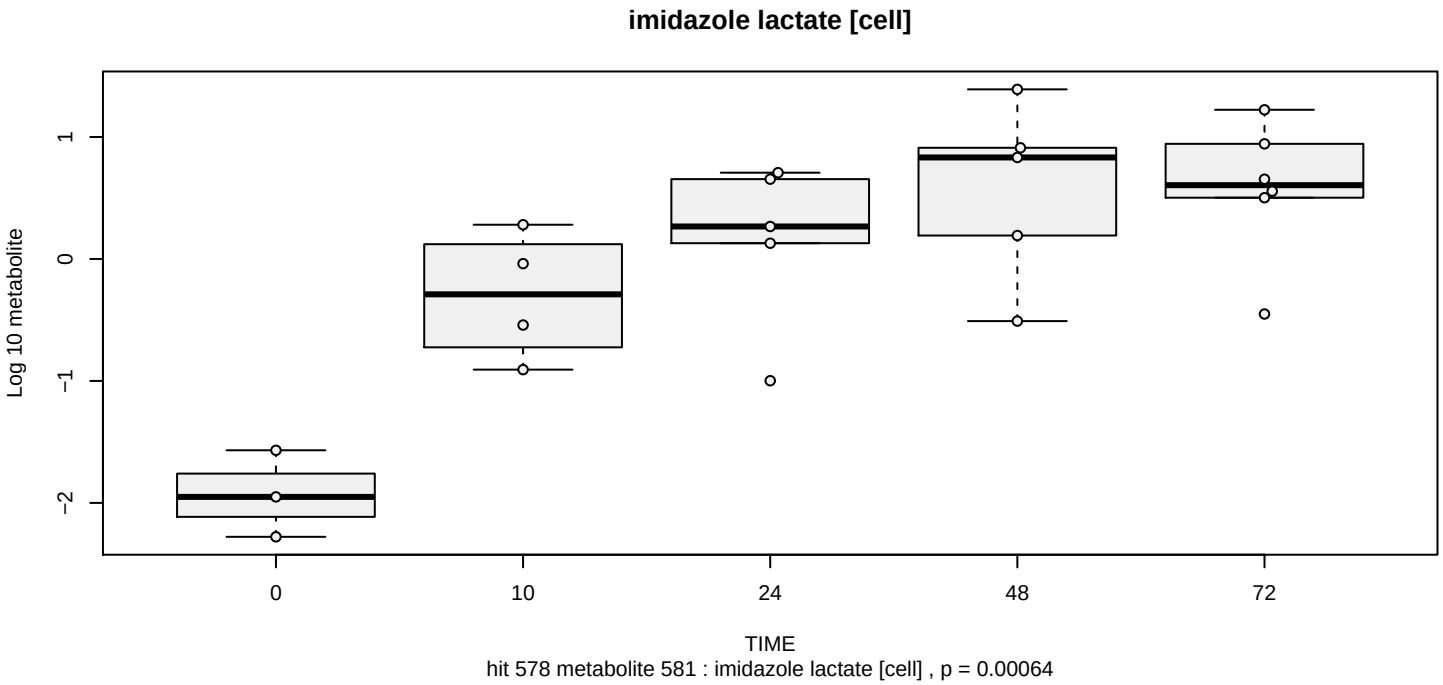
hit 575 metabolite 578 : homoarginine [cell] , p = 0.075



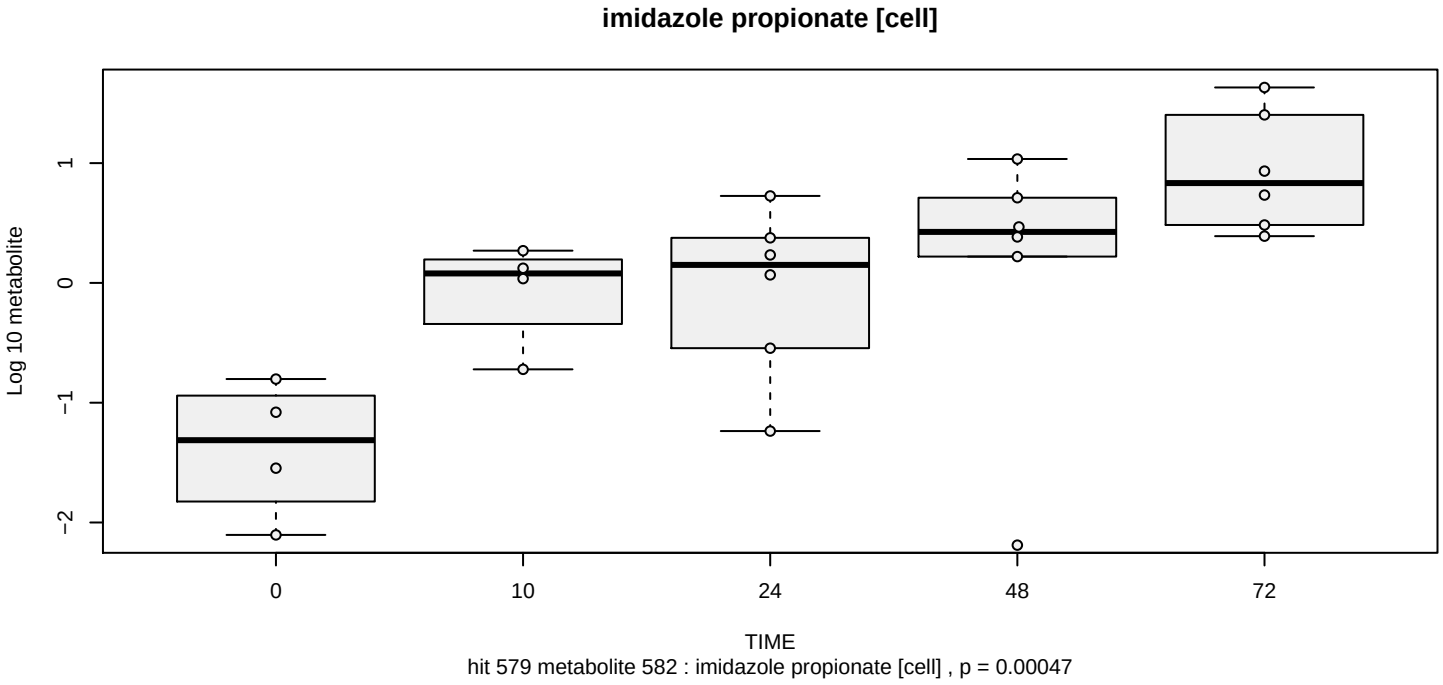
hit 576 metabolite 579 : homostachydrine* [cell] , p = 8.9e−07



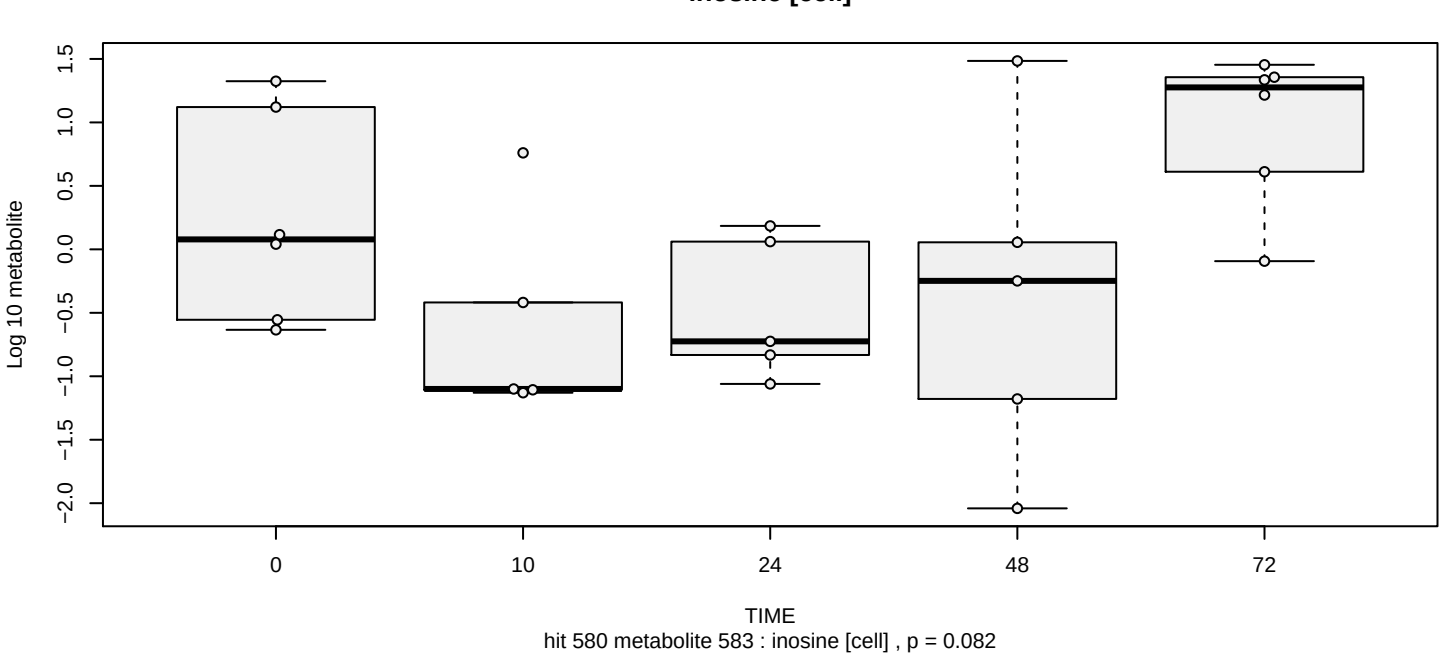
hit 577 metabolite 580 : hypotaurine [cell] , p = 2.7e−08



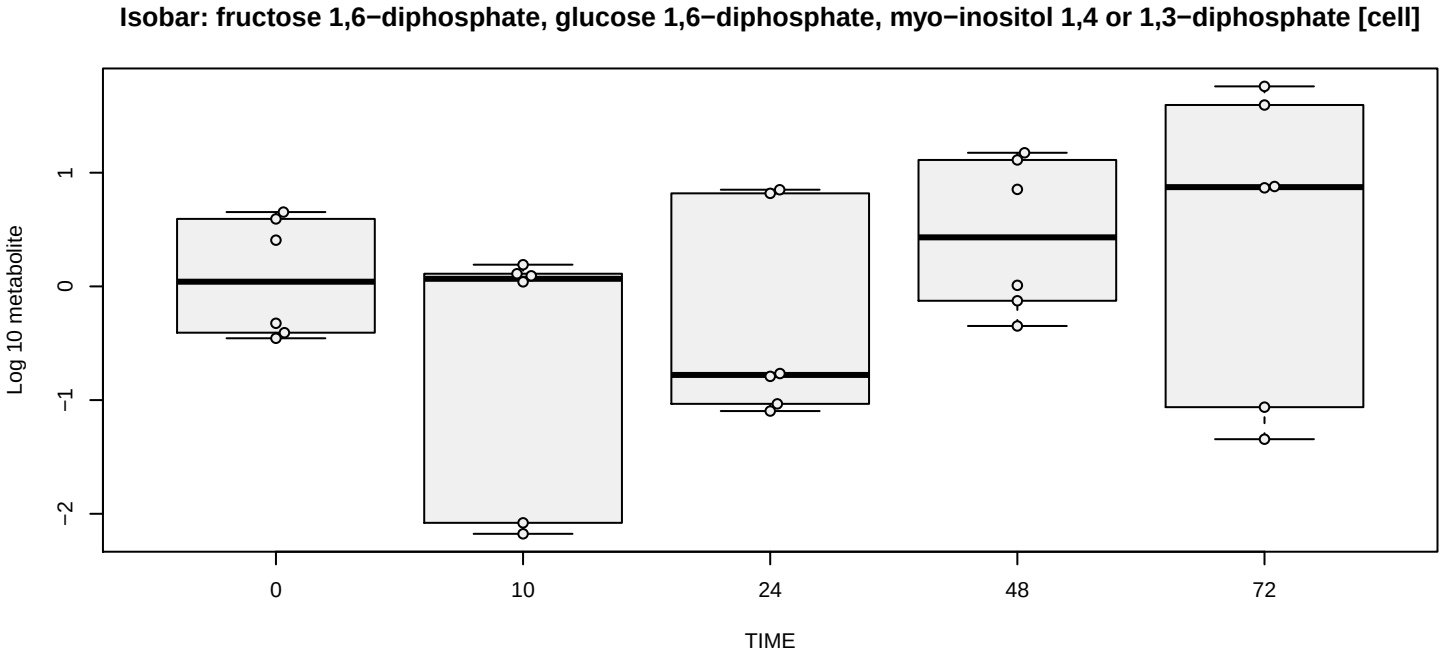
hit 578 metabolite 581 : imidazole lactate [cell] , p = 0.00064



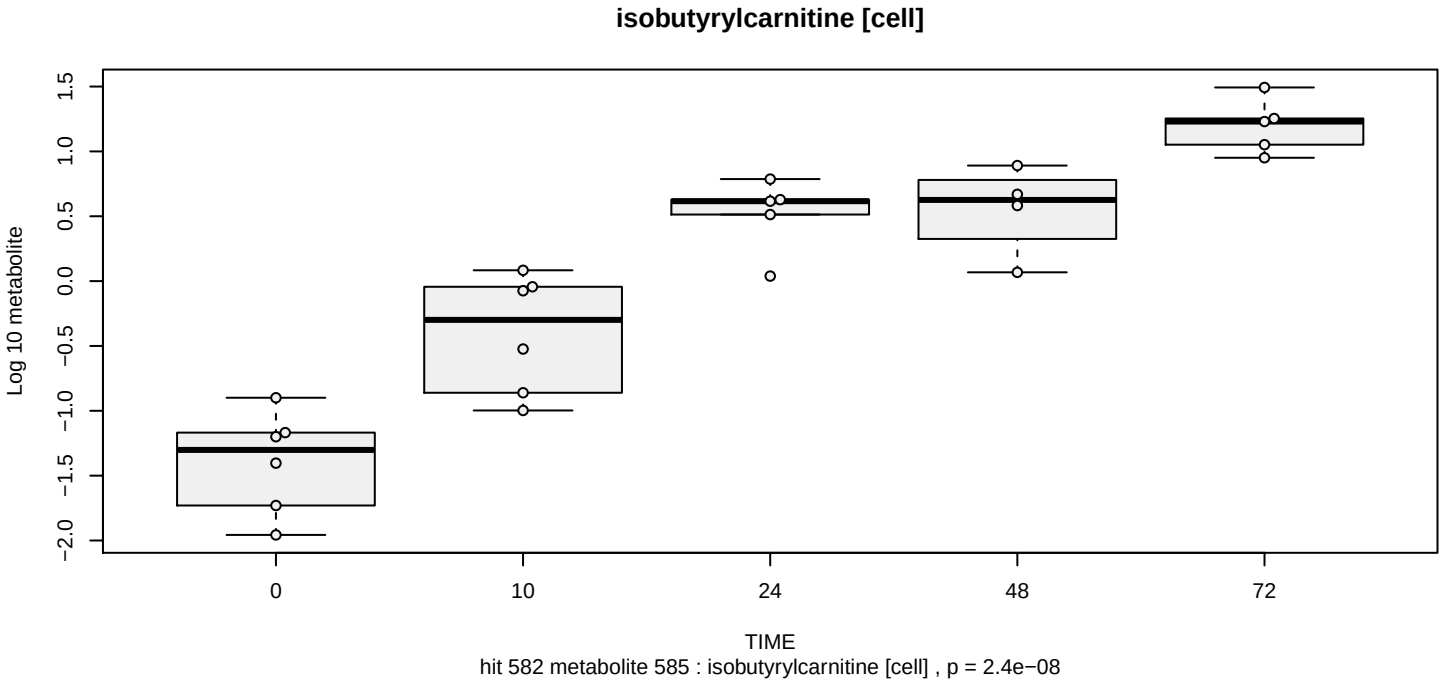
hit 579 metabolite 582 : imidazole propionate [cell] , p = 0.00047



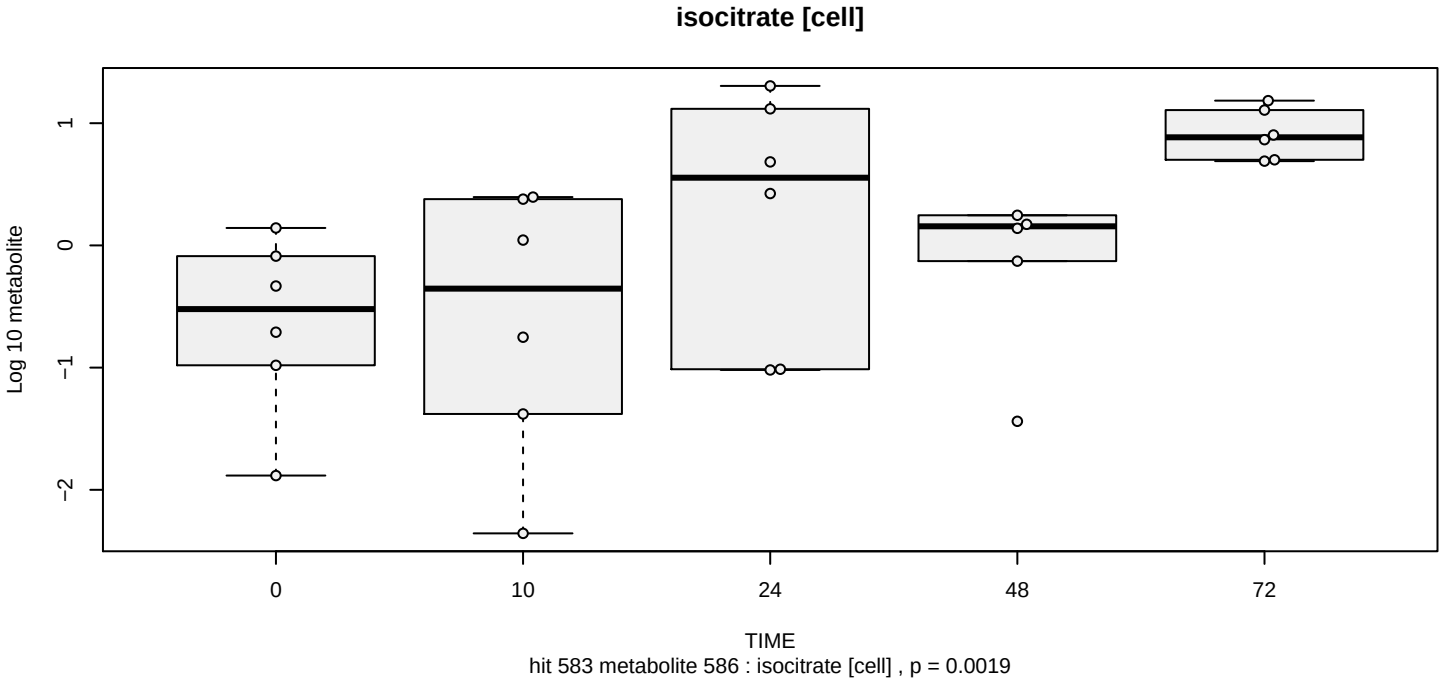
hit 580 metabolite 583 : inosine [cell] , p = 0.082



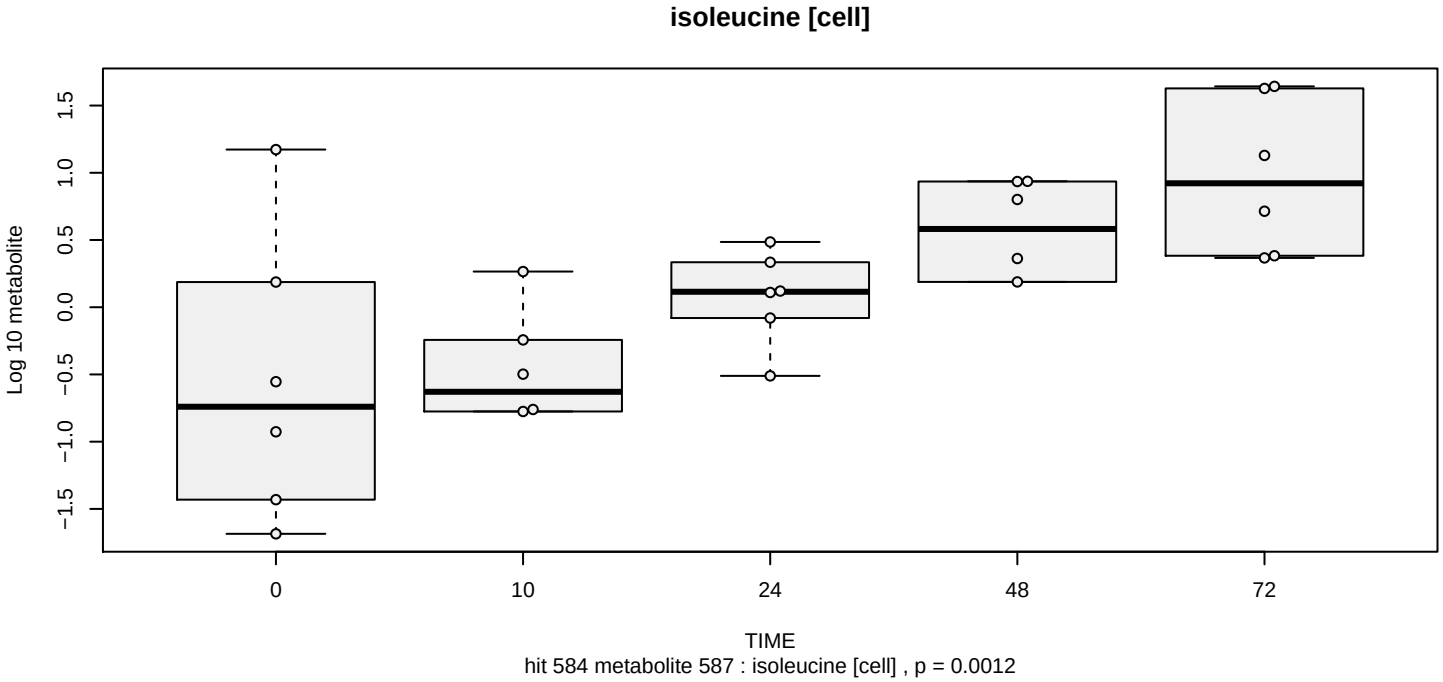
hit 581 metabolite 584 : Isobar: fructose 1,6−diphosphate, glucose 1,6−diphosphate, myo−inositol 1,4 or 1,3−diphosphate [cell] , p = 0.1



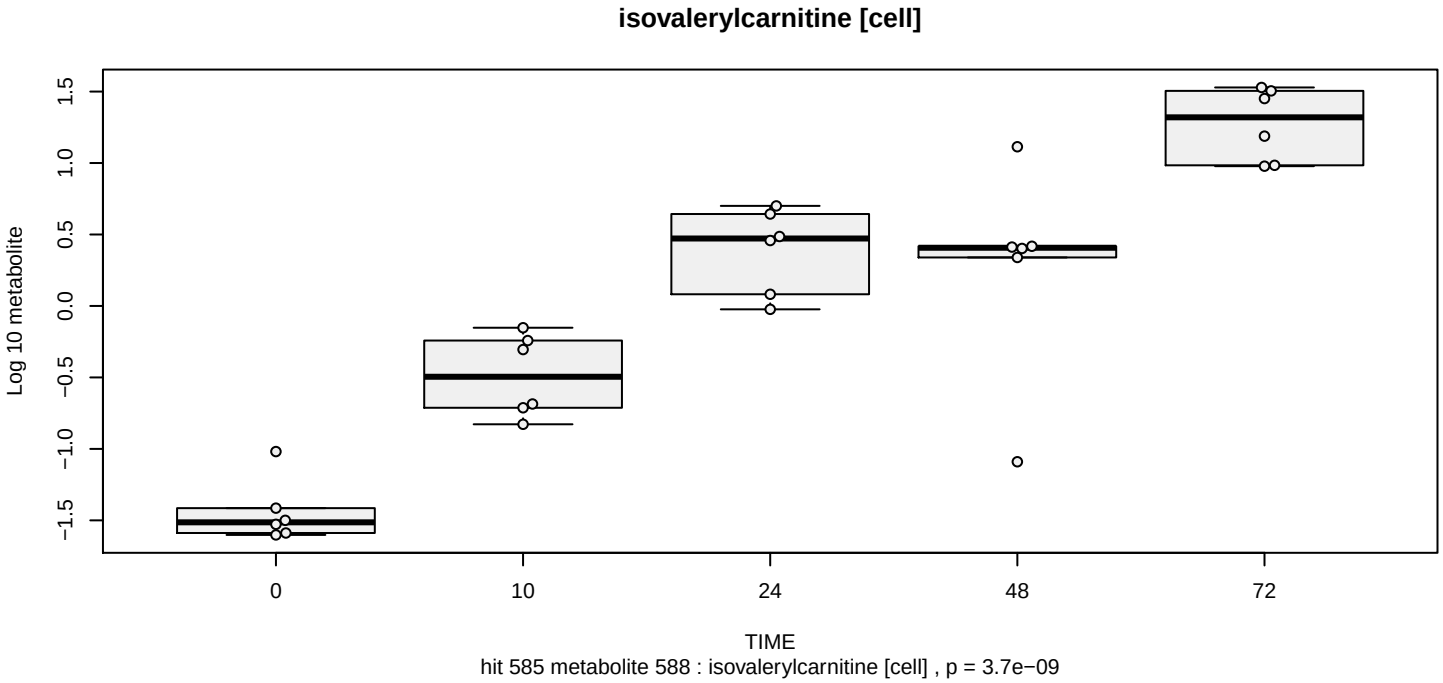
hit 582 metabolite 585 : isobutyrylcarnitine [cell] , p = 2.4e−08



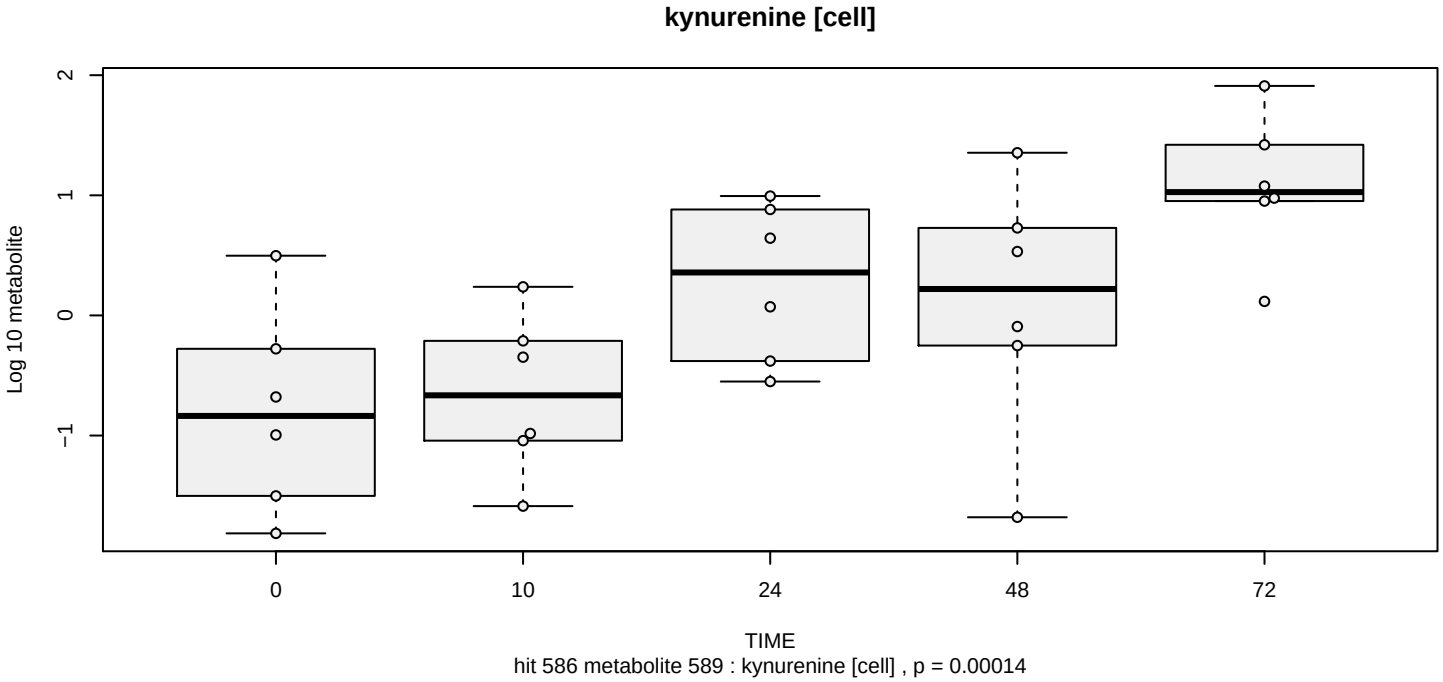
hit 583 metabolite 586 : isocitrate [cell] , p = 0.0019



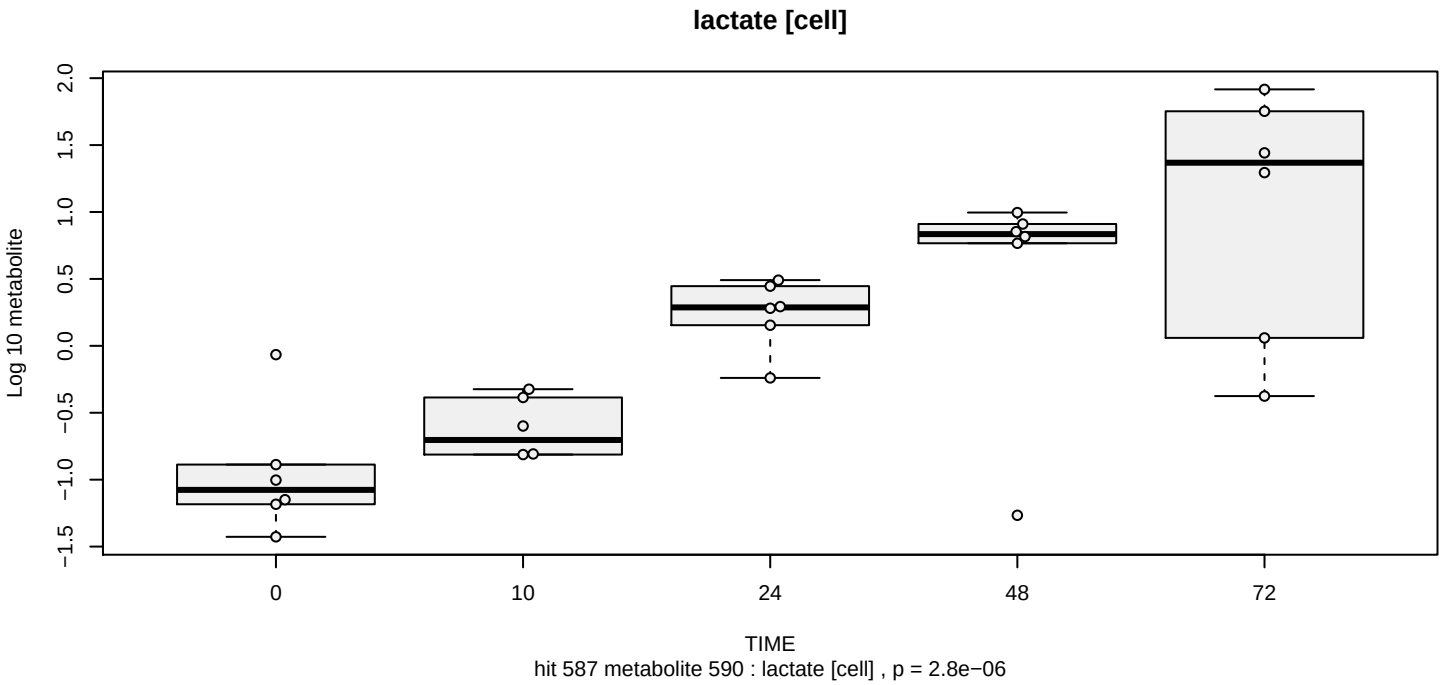
hit 584 metabolite 587 : isoleucine [cell] , p = 0.0012



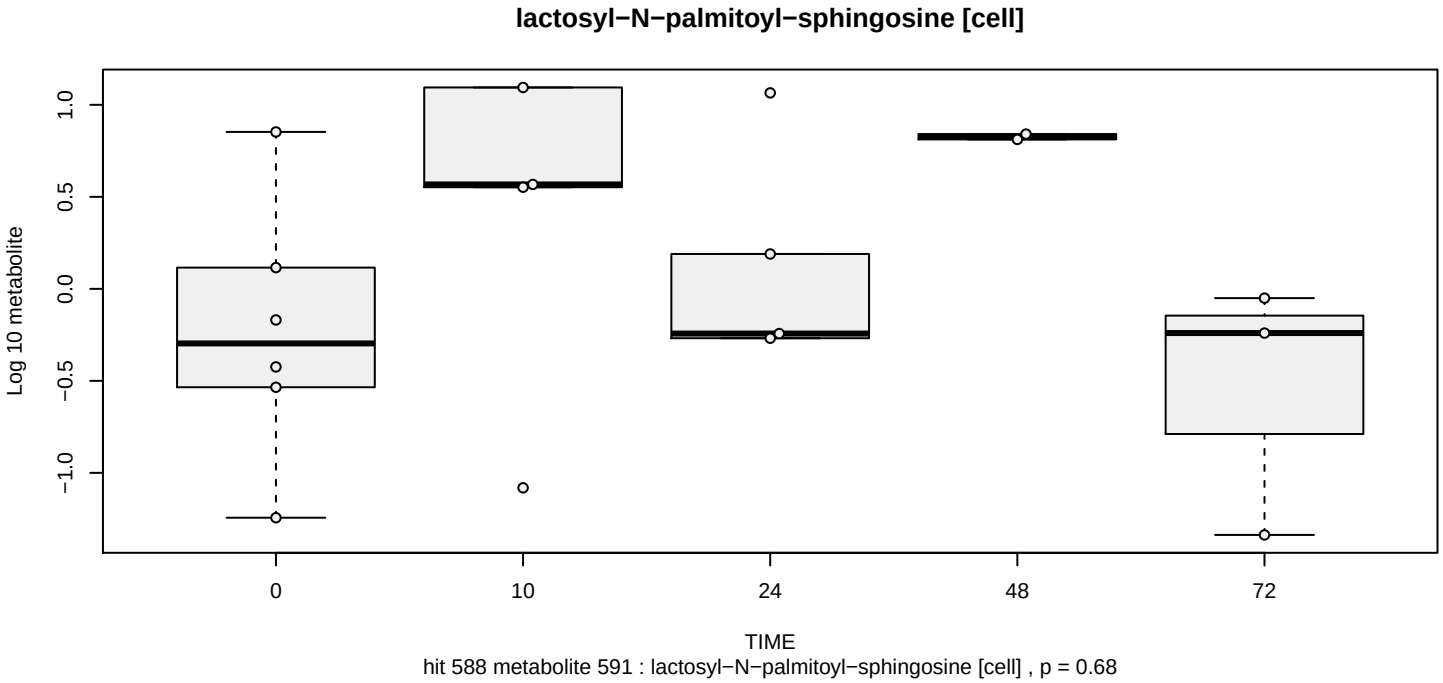
hit 585 metabolite 588 : isovalerylcarnitine [cell] , p = 3.7e−09



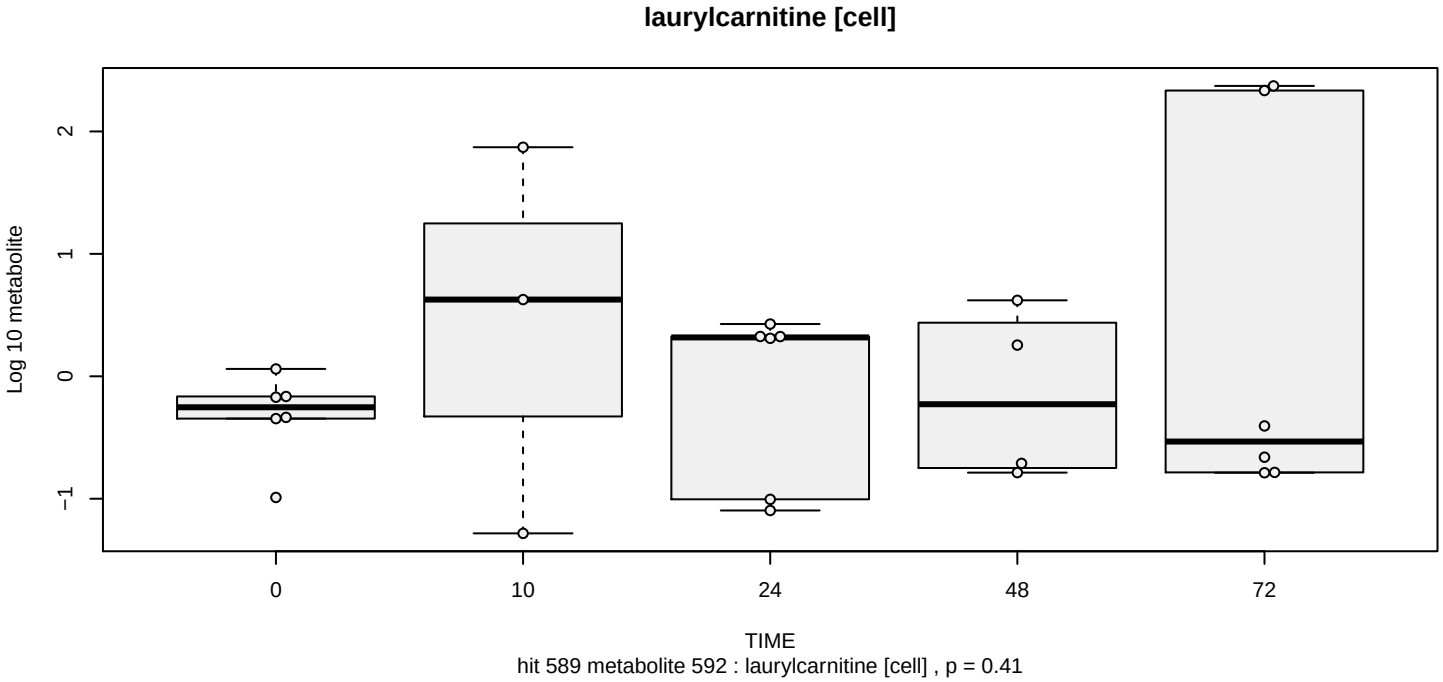
hit 586 metabolite 589 : kynurenine [cell] , p = 0.00014



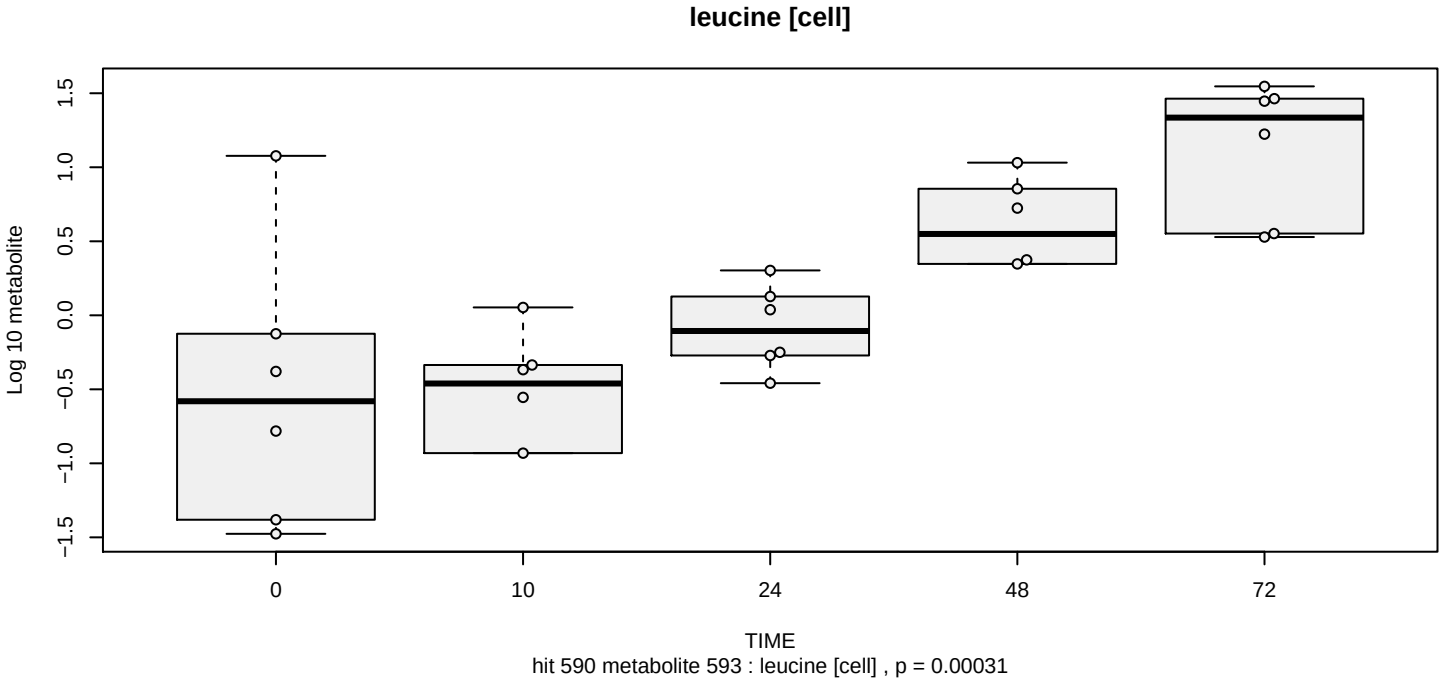
hit 587 metabolite 590 : lactate [cell] , p = 2.8e−06



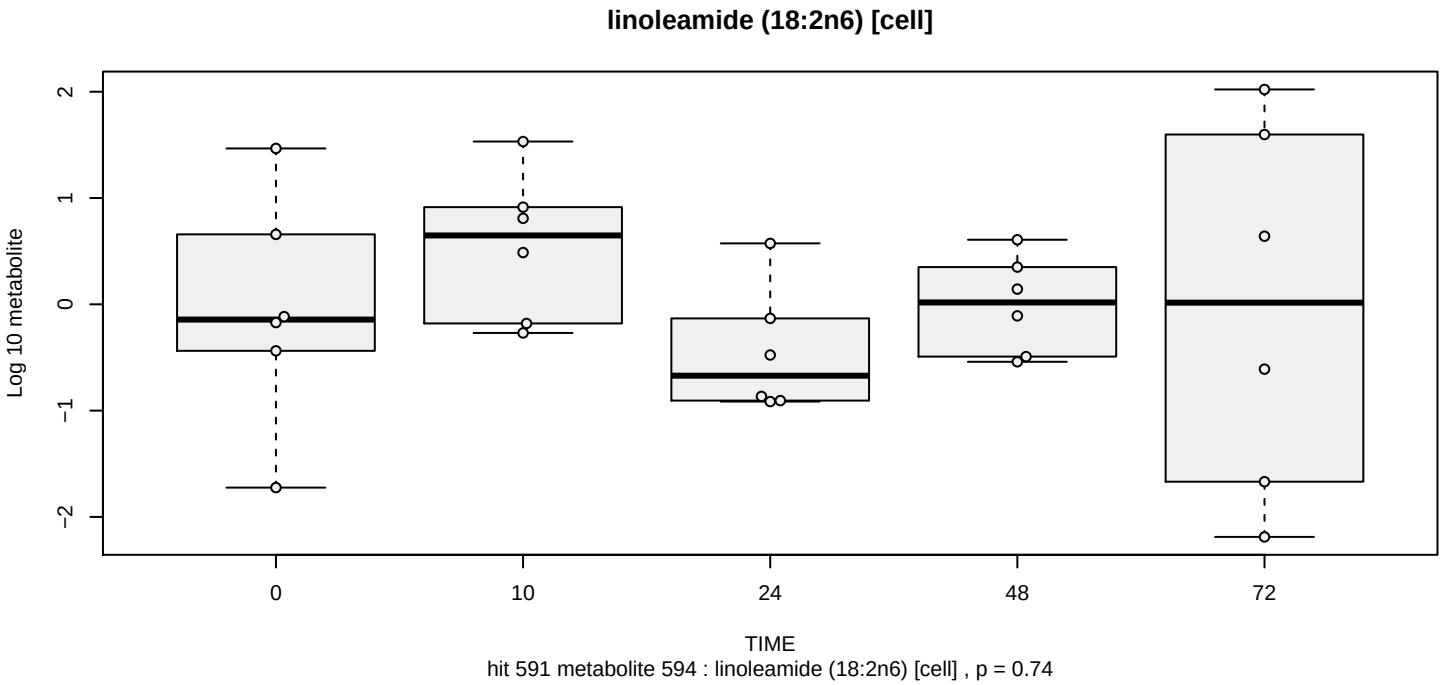
hit 588 metabolite 591 : lactosyl−N−palmitoyl−sphingosine [cell] , p = 0.68



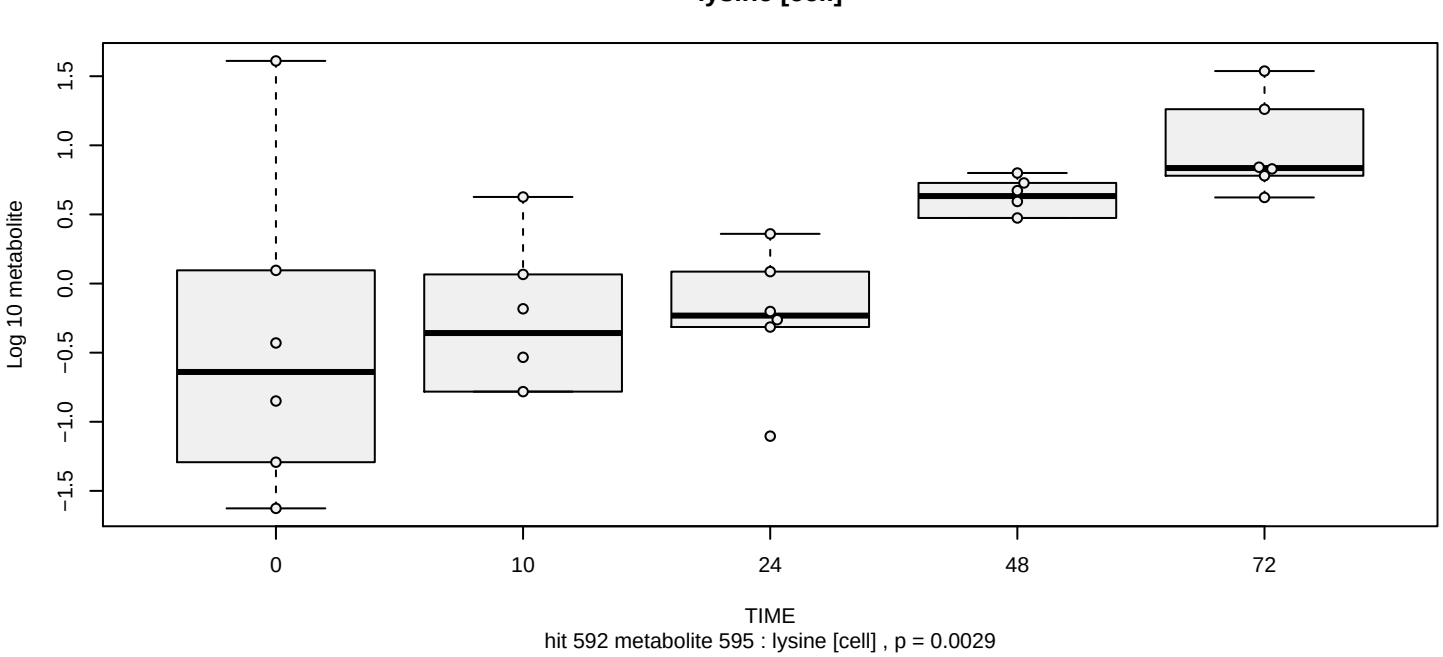
hit 589 metabolite 592 : laurylcarnitine [cell] , p = 0.41



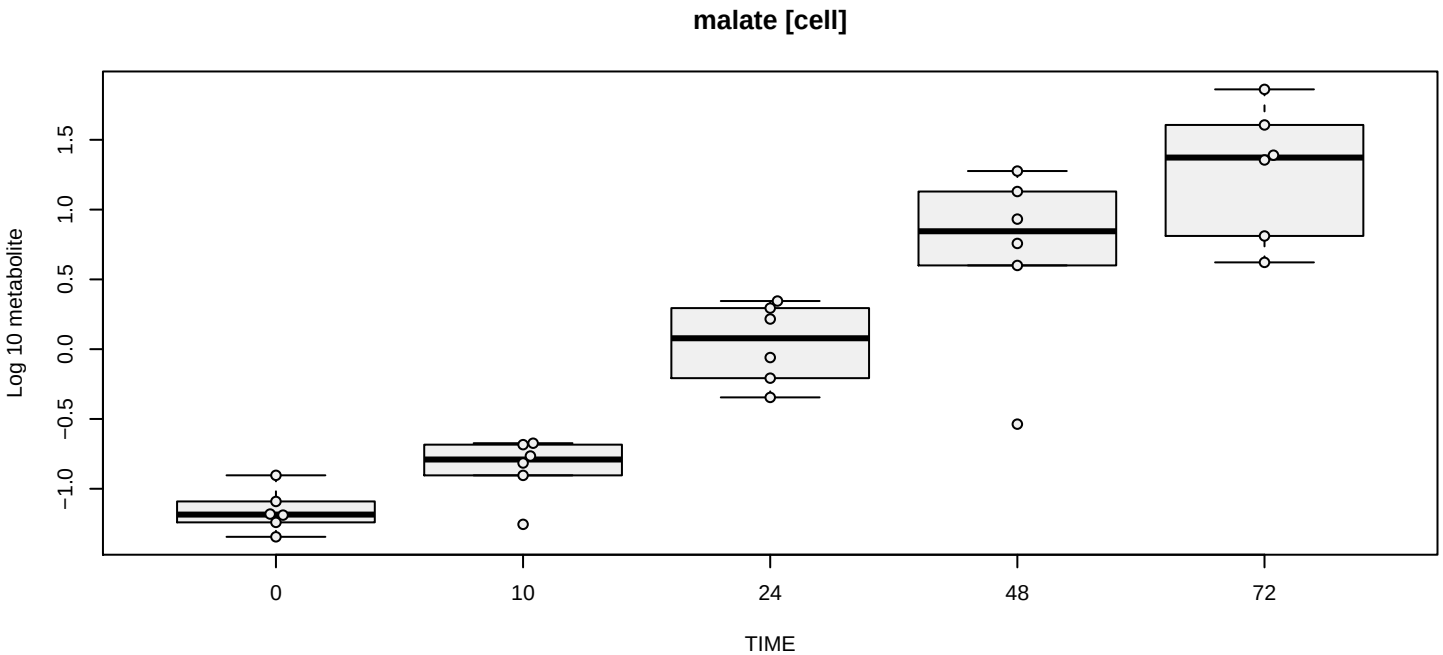
hit 590 metabolite 593 : leucine [cell] , p = 0.00031



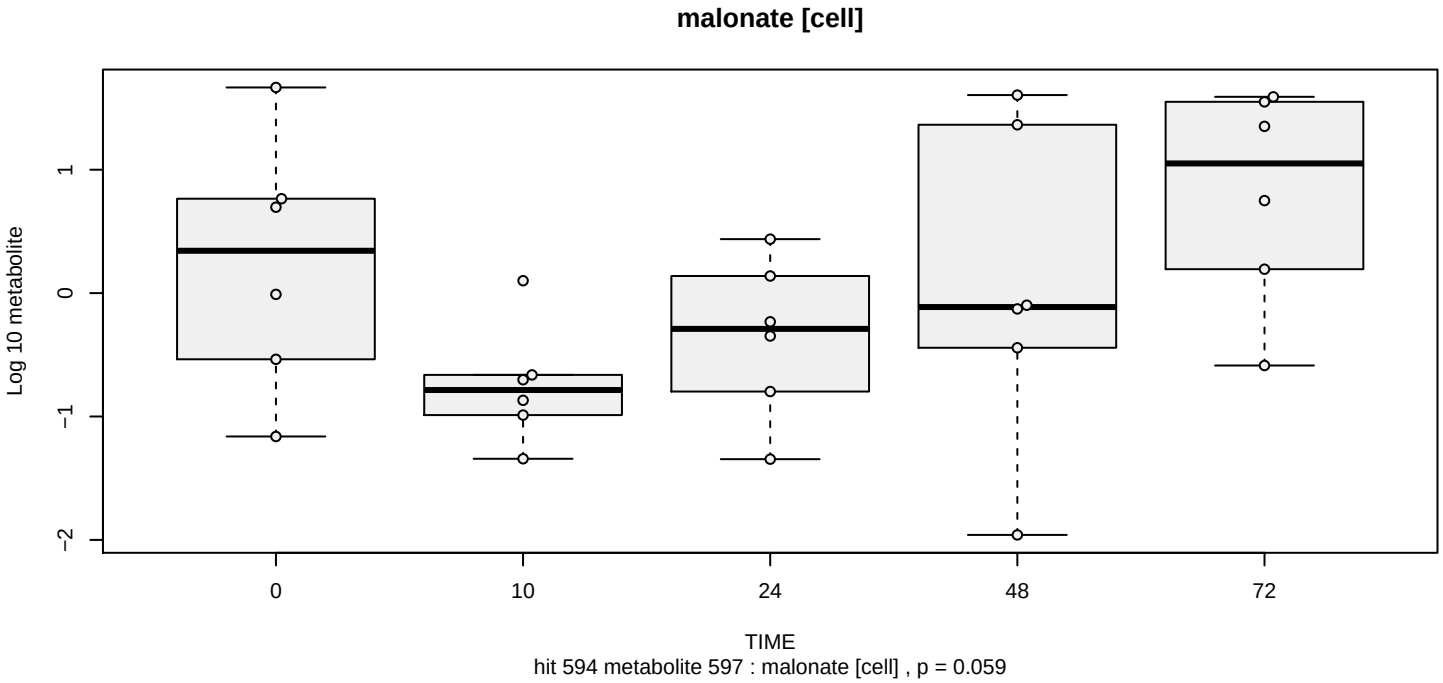
hit 591 metabolite 594 : linoleamide (18:2n6) [cell] , p = 0.74



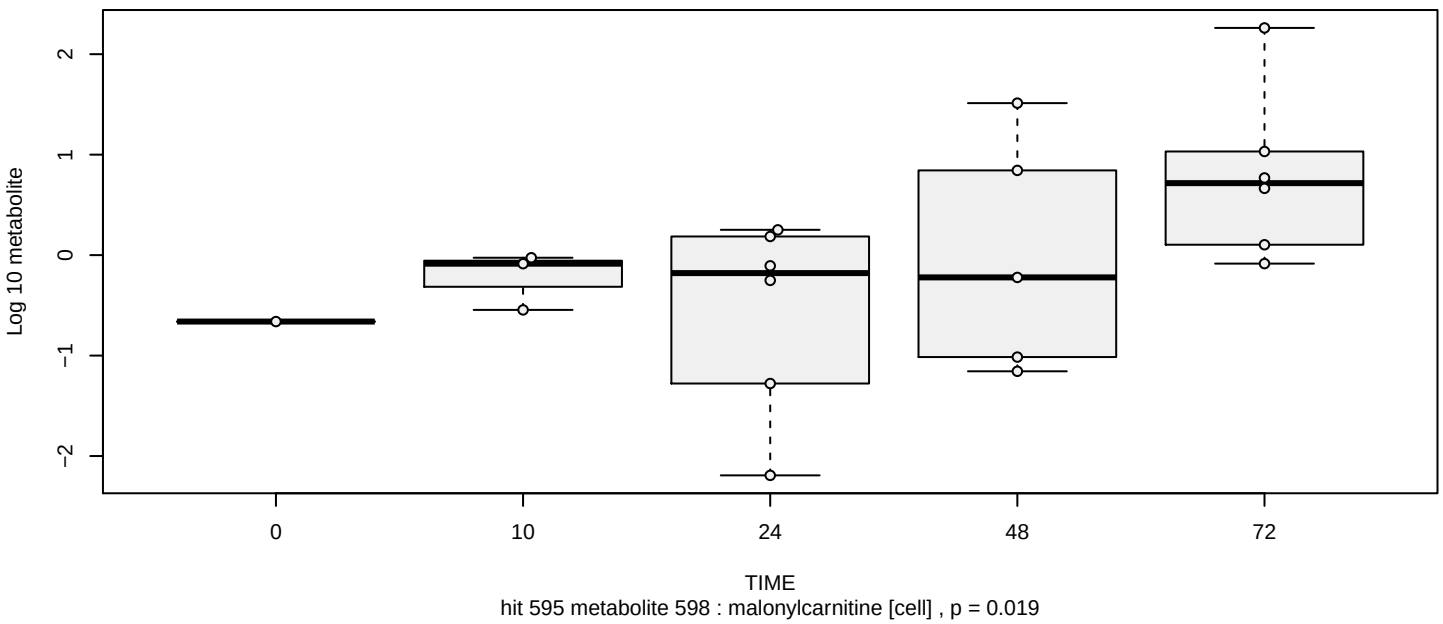
hit 592 metabolite 595 : lysine [cell] , p = 0.0029



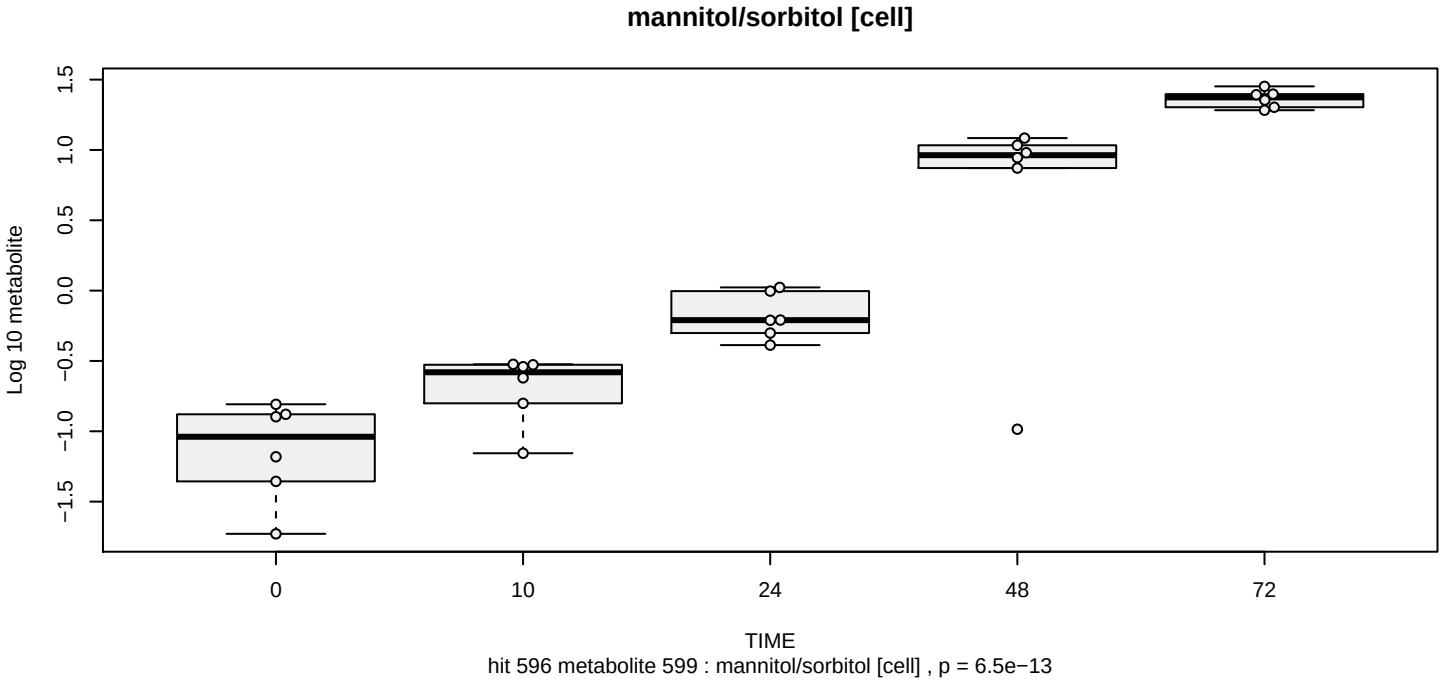
hit 593 metabolite 596 : malate [cell] , p = 1.8e−12



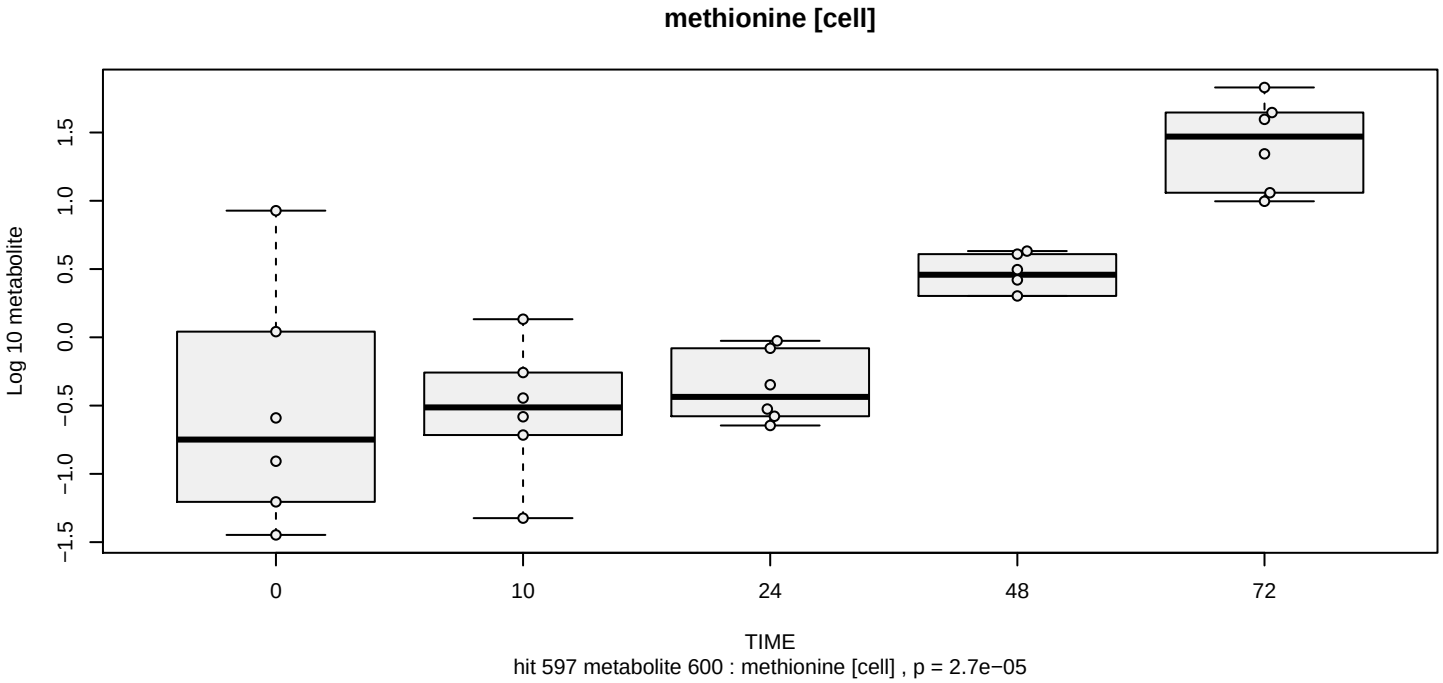
hit 594 metabolite 597 : malonate [cell] , p = 0.059



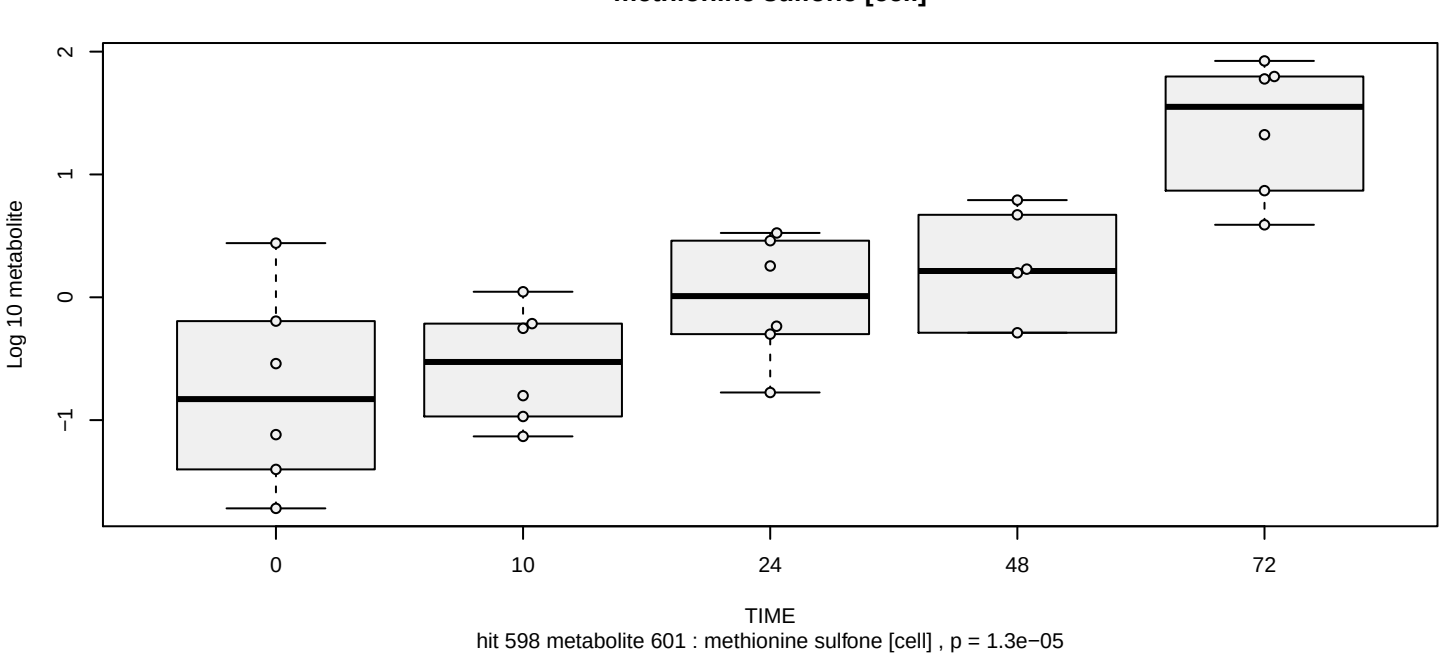
hit 595 metabolite 598 : malonylcarnitine [cell] , p = 0.019



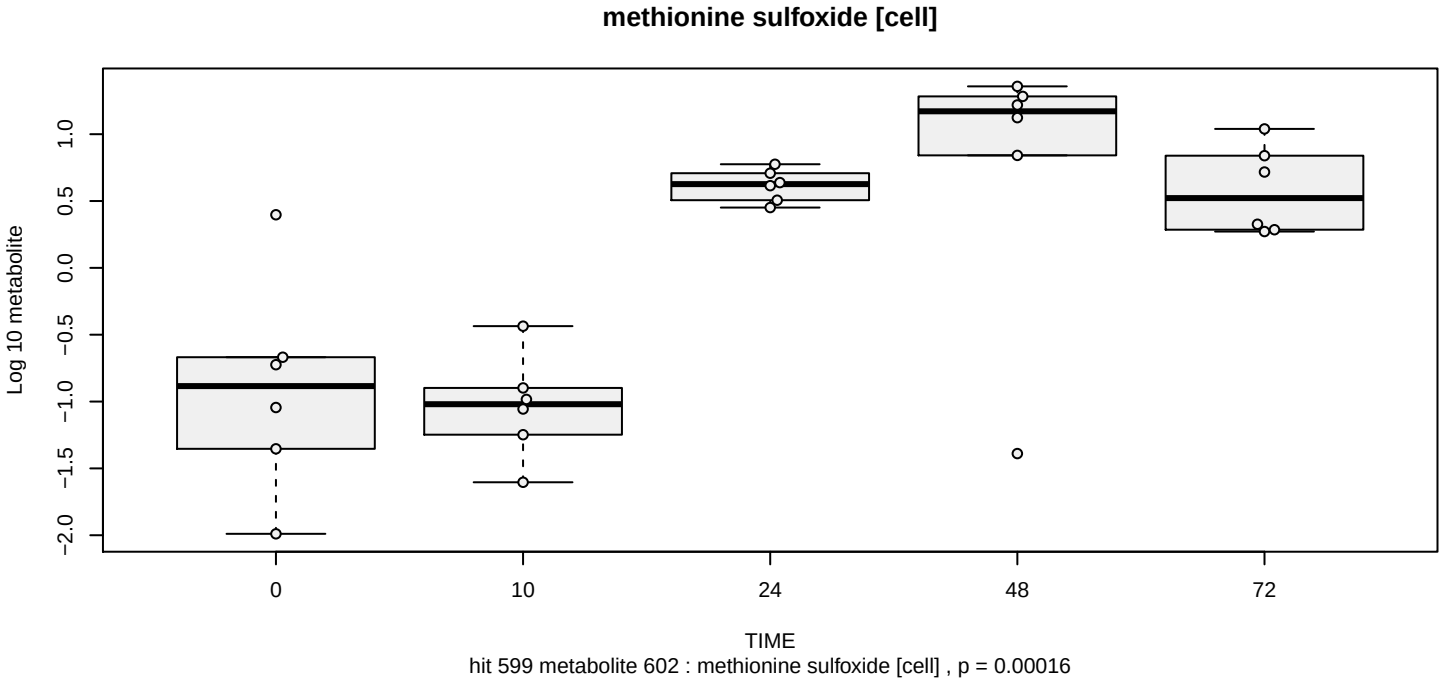
hit 596 metabolite 599 : mannitol/sorbitol [cell] , p = 6.5e−13



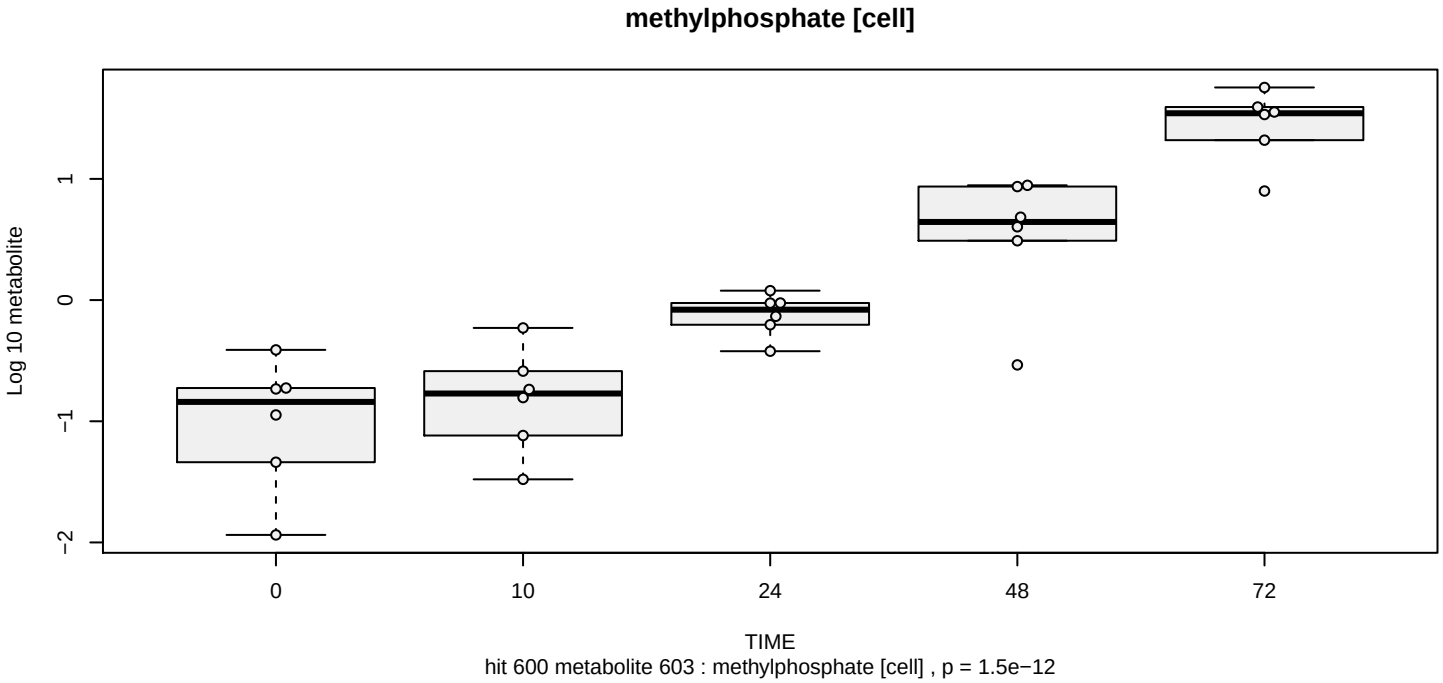
hit 597 metabolite 600 : methionine [cell] , p = 2.7e−05



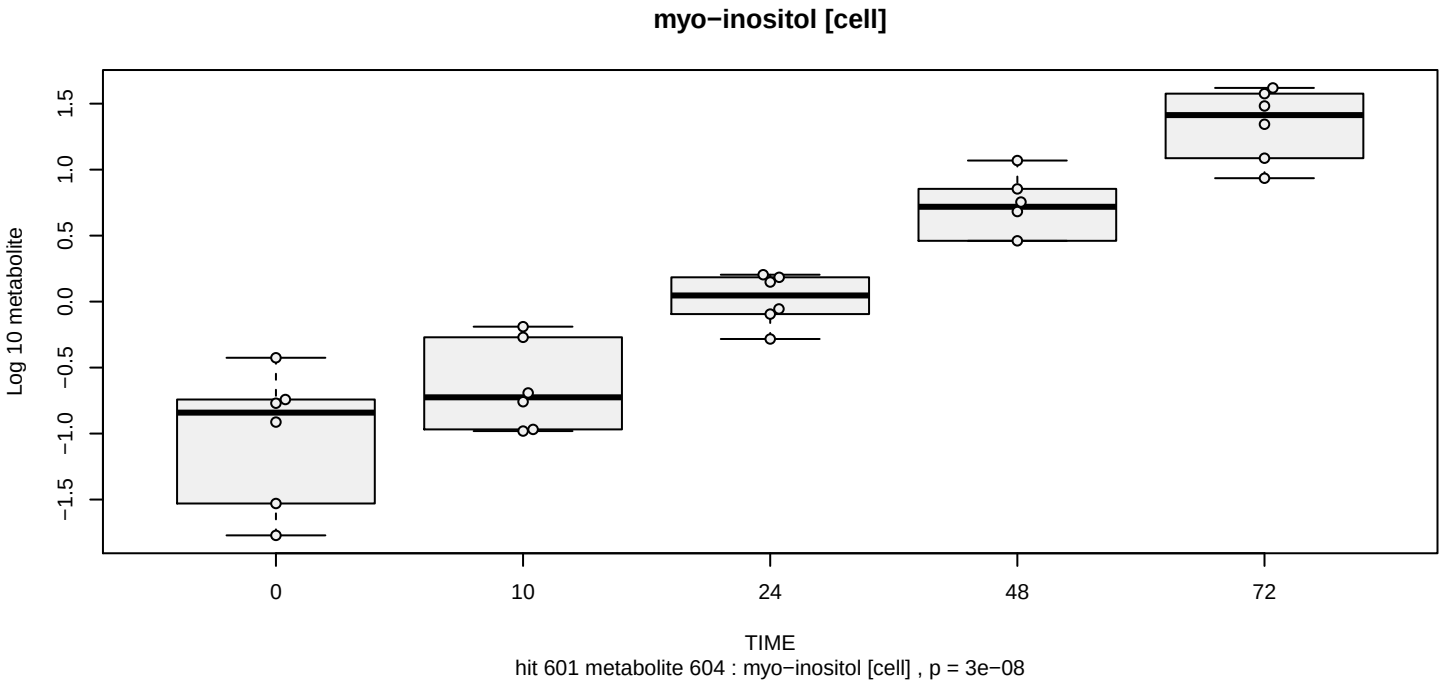
hit 598 metabolite 601 : methionine sulfone [cell] , p = 1.3e−05



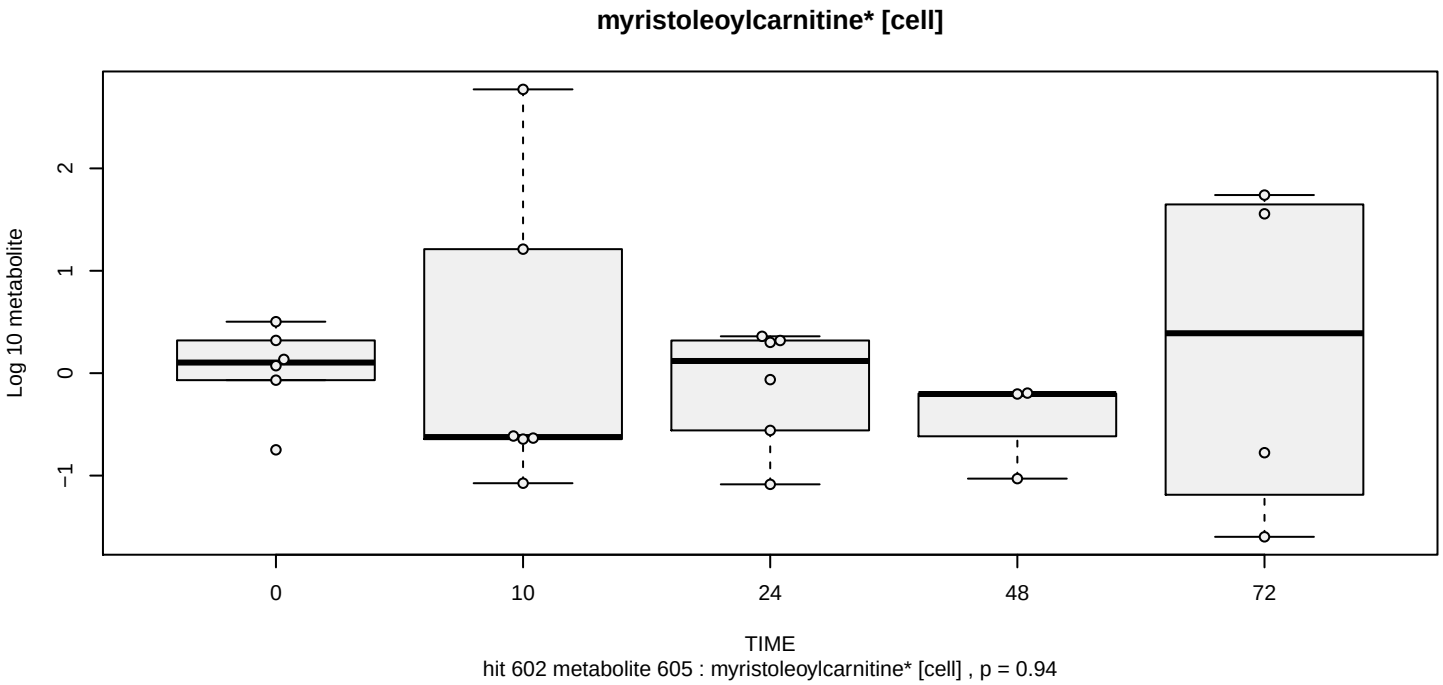
hit 599 metabolite 602 : methionine sulfoxide [cell] , p = 0.00016



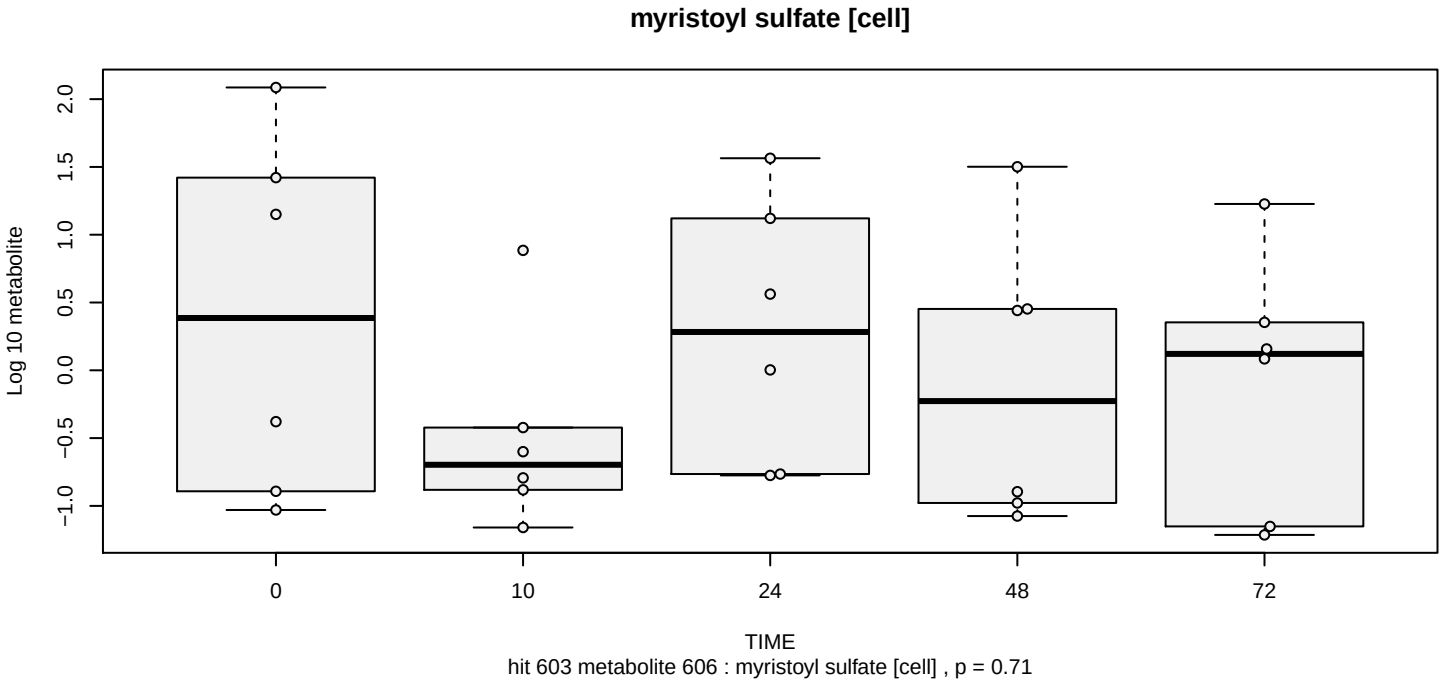
hit 600 metabolite 603 : methylphosphate [cell] , p = 1.5e−12



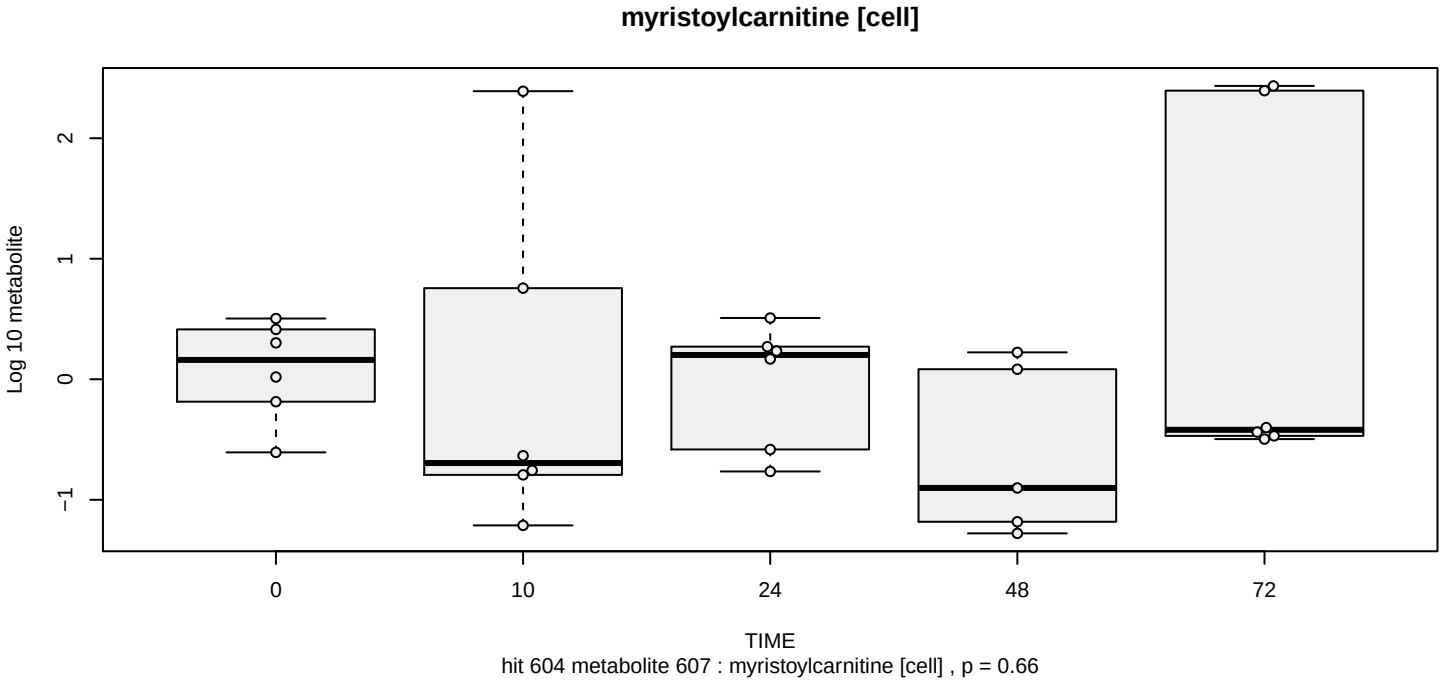
hit 601 metabolite 604 : myo−inositol [cell] , p = 3e−08



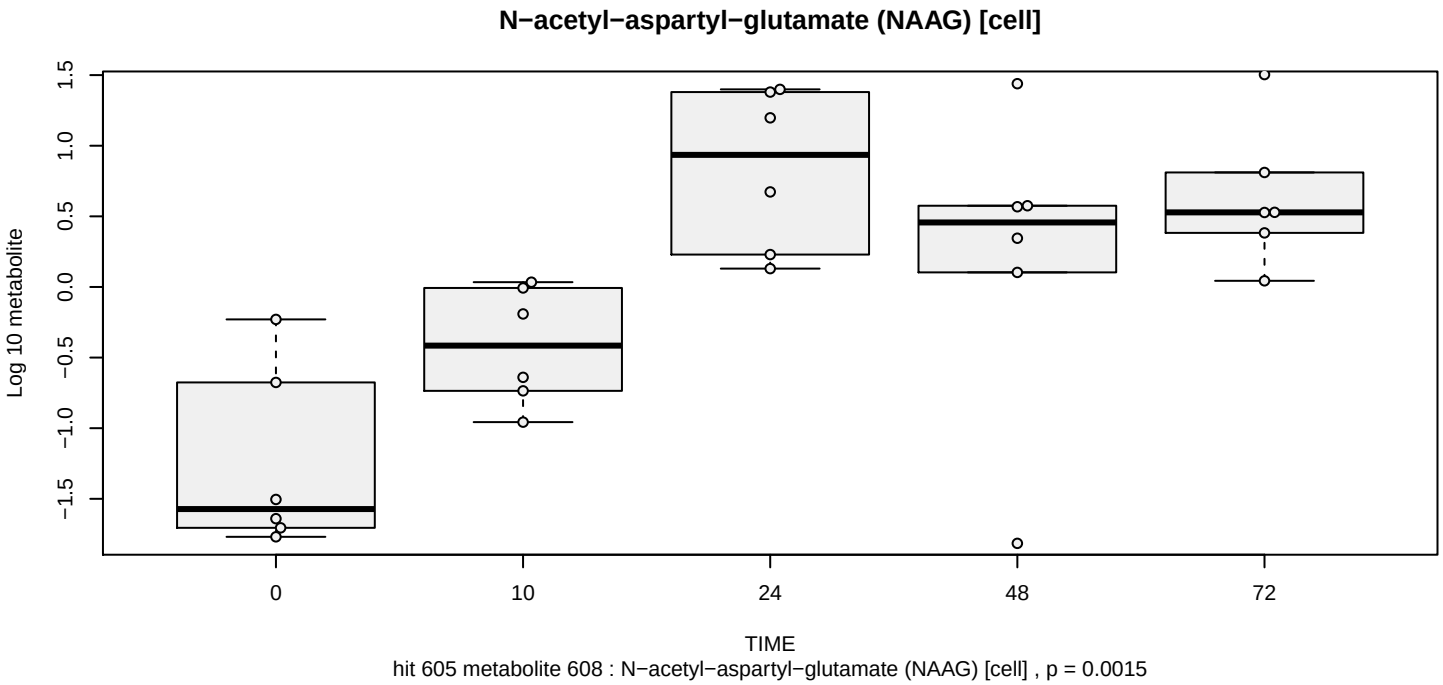
hit 602 metabolite 605 : myristoleoylcarnitine* [cell] , p = 0.94



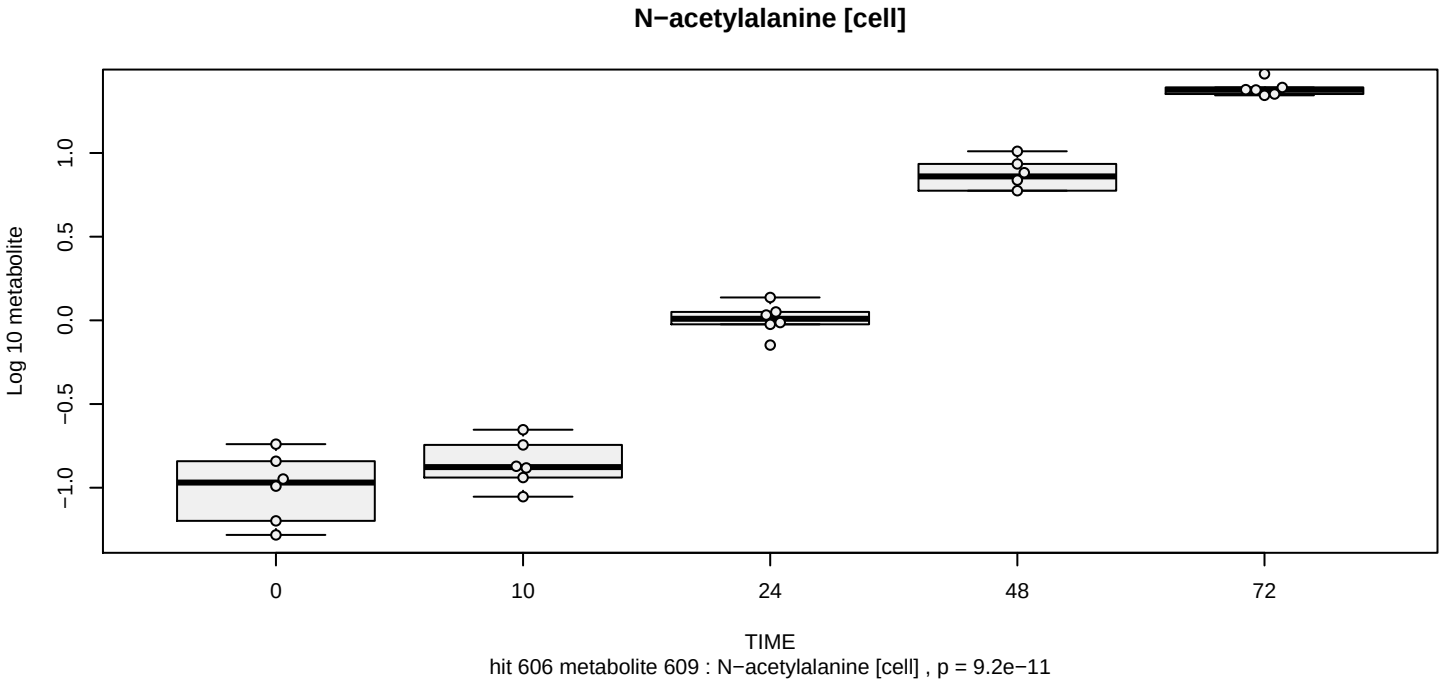
hit 603 metabolite 606 : myristoyl sulfate [cell] , p = 0.71



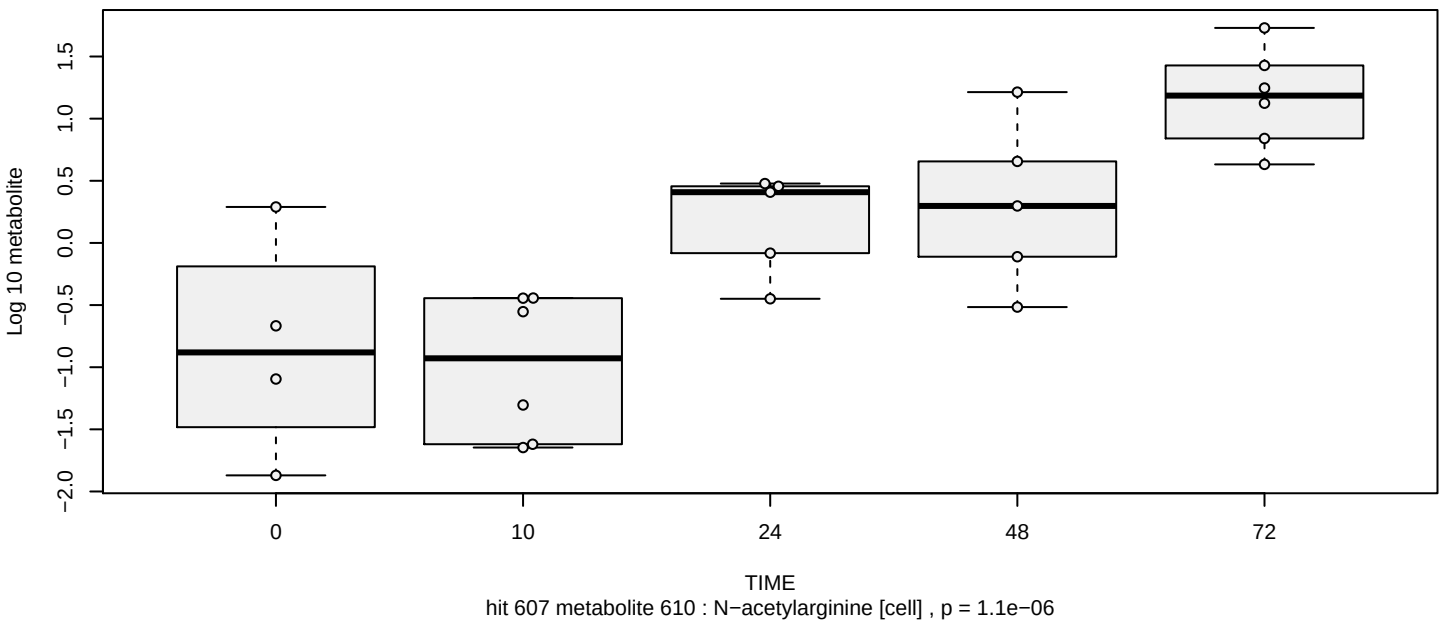
hit 604 metabolite 607 : myristoylcarnitine [cell] , p = 0.66



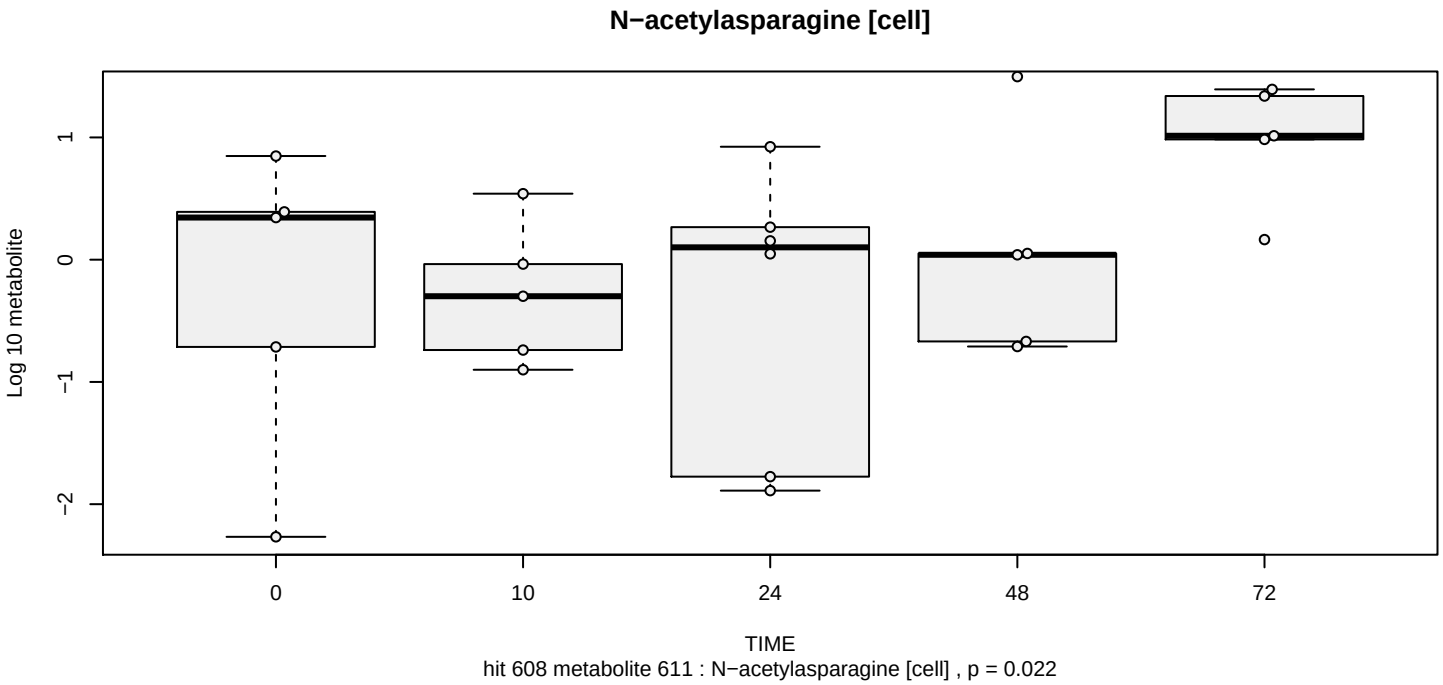
hit 605 metabolite 608 : N−acetyl−aspartyl−glutamate (NAAG) [cell] , p = 0.0015



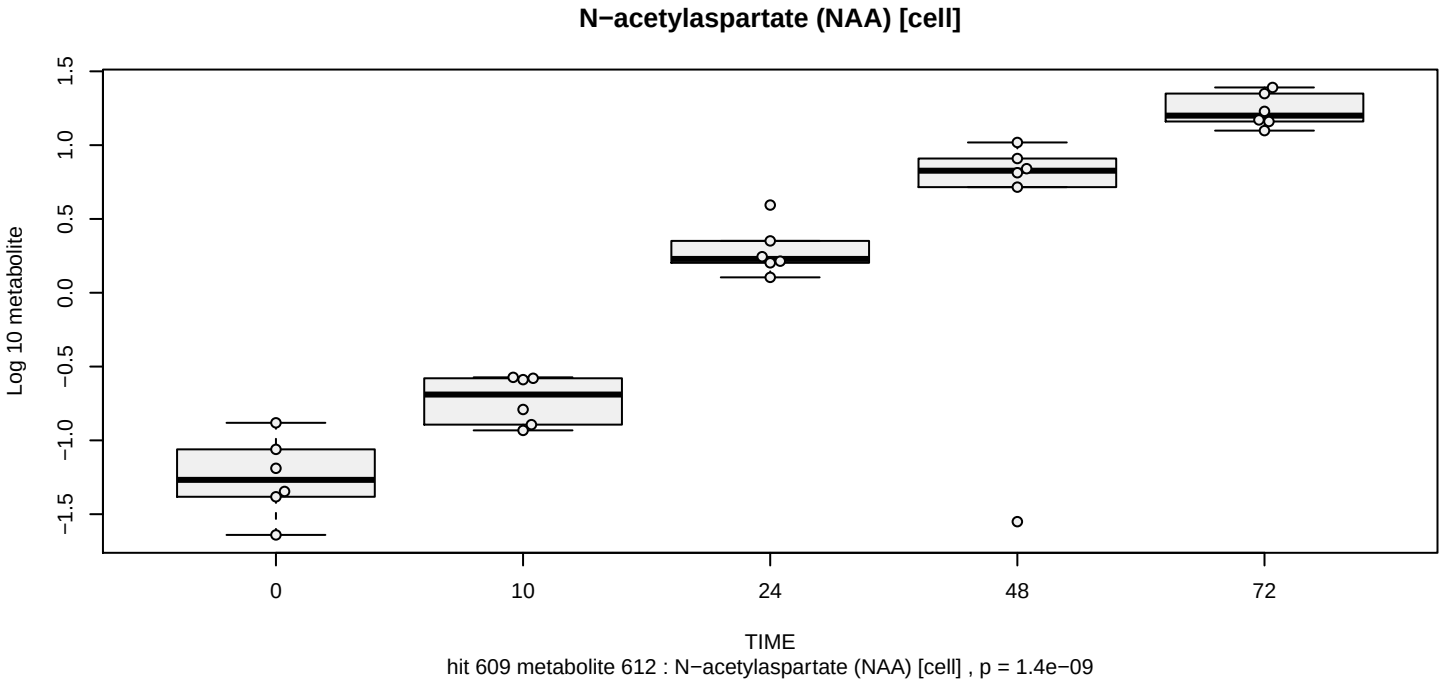
hit 606 metabolite 609 : N−acetylalanine [cell] , p = 9.2e−11



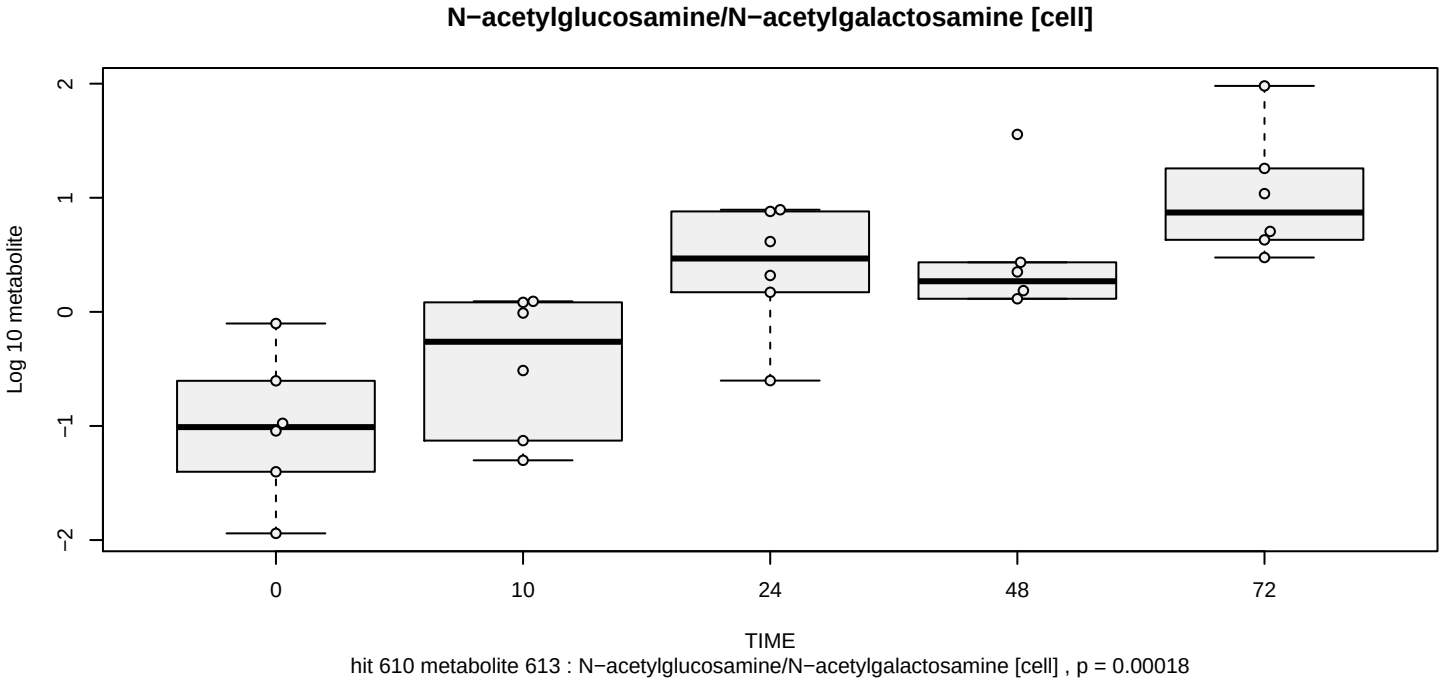
hit 607 metabolite 610 : N−acetylarginine [cell] , p = 1.1e−06



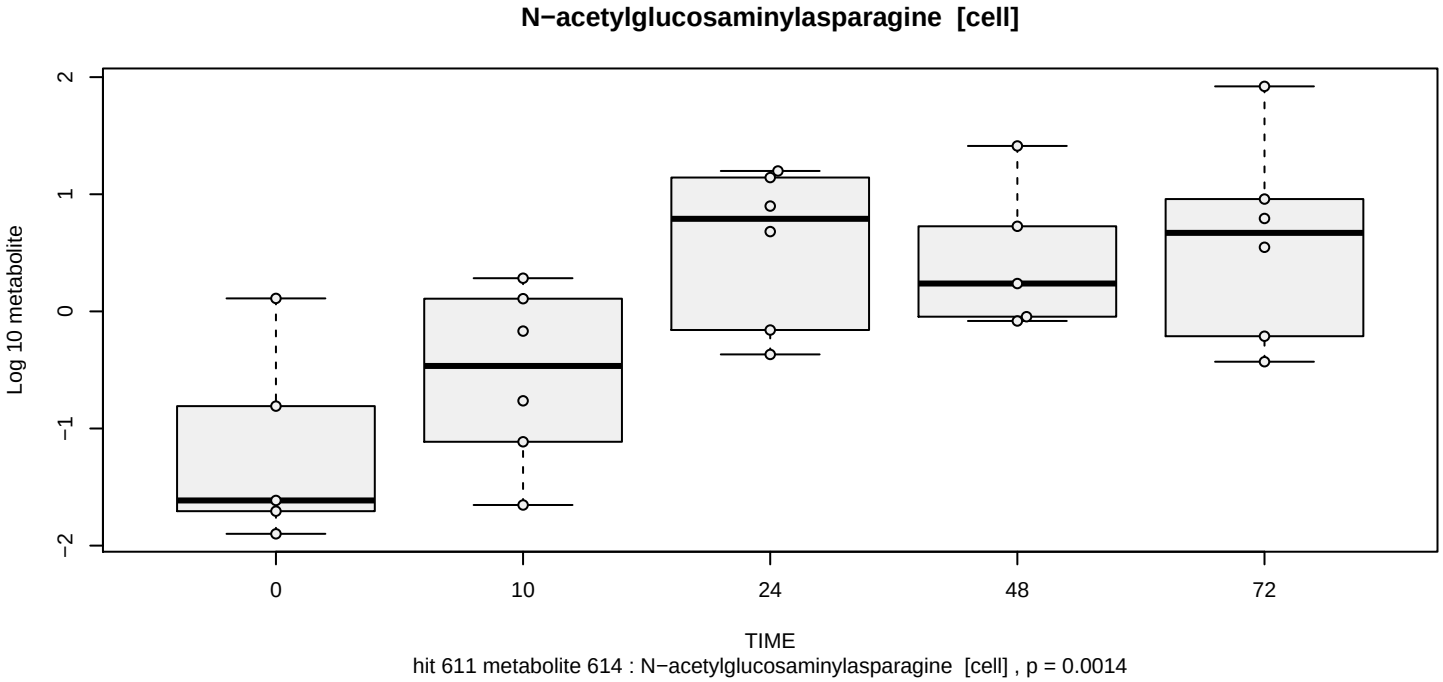
hit 608 metabolite 611 : N−acetylasparagine [cell] , p = 0.022



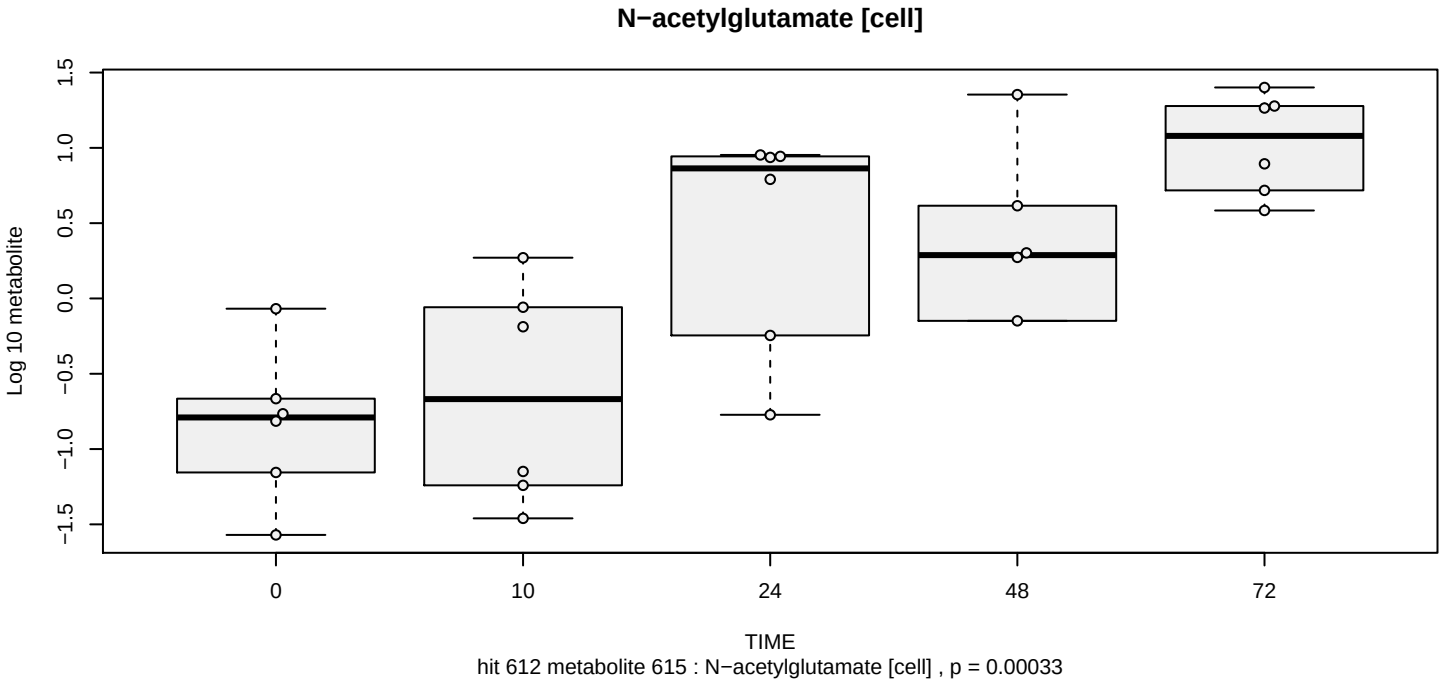
hit 609 metabolite 612 : N−acetylaspartate (NAA) [cell] , p = 1.4e−09



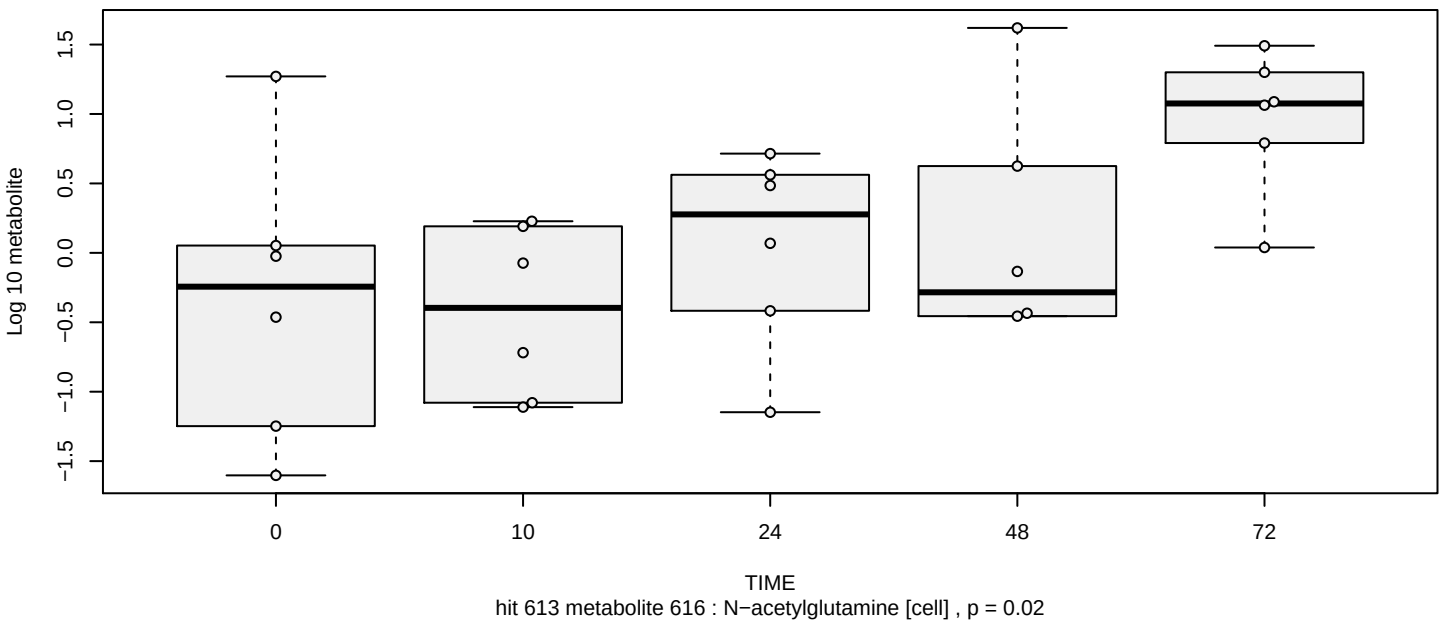
hit 610 metabolite 613 : N−acetylglucosamine/N−acetylgalactosamine [cell] , p = 0.00018



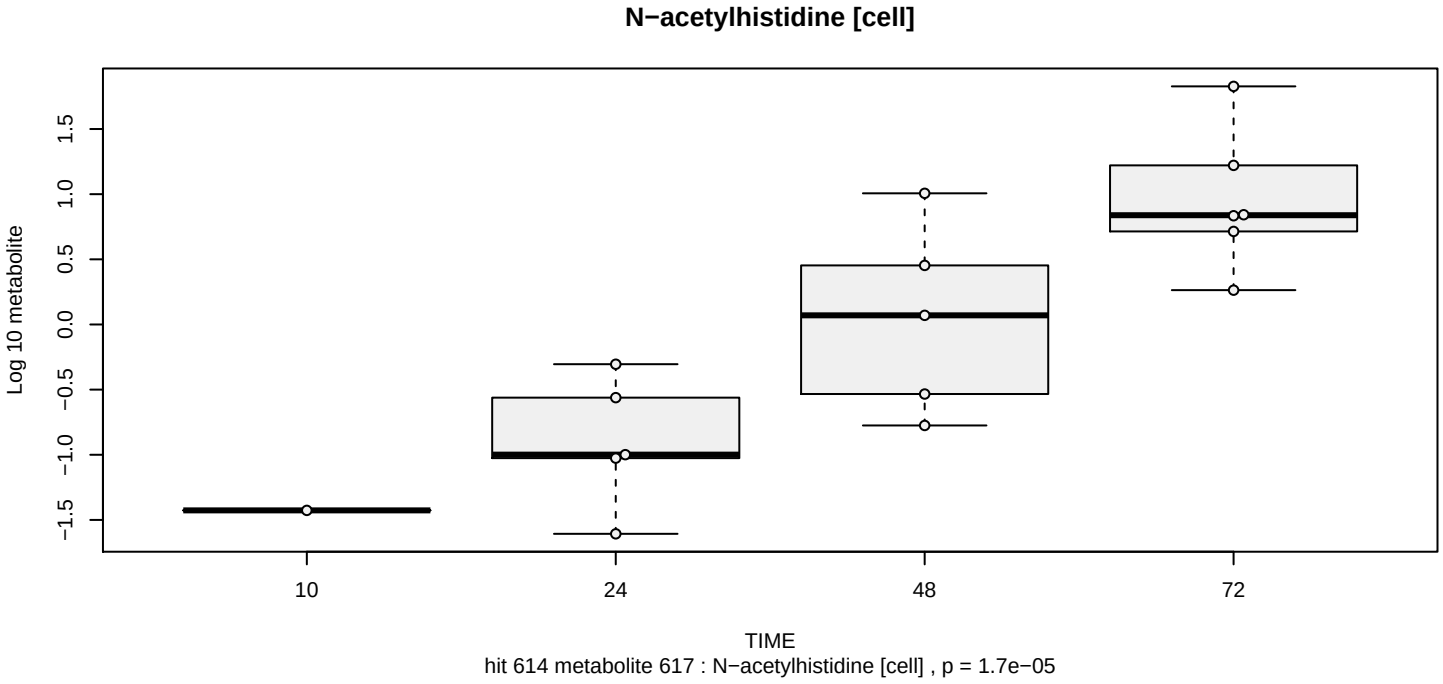
hit 611 metabolite 614 : N−acetylglucosaminylasparagine [cell] , p = 0.0014



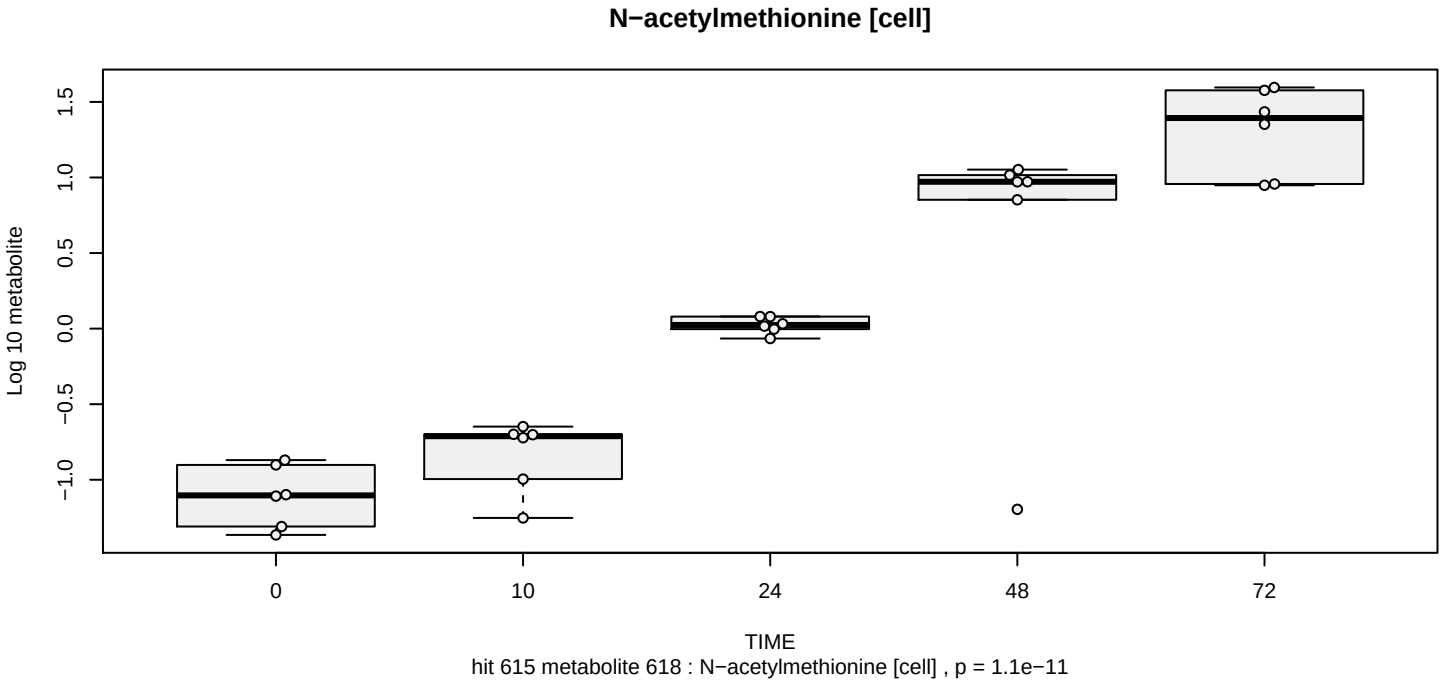
hit 612 metabolite 615 : N−acetylglutamate [cell] , p = 0.00033



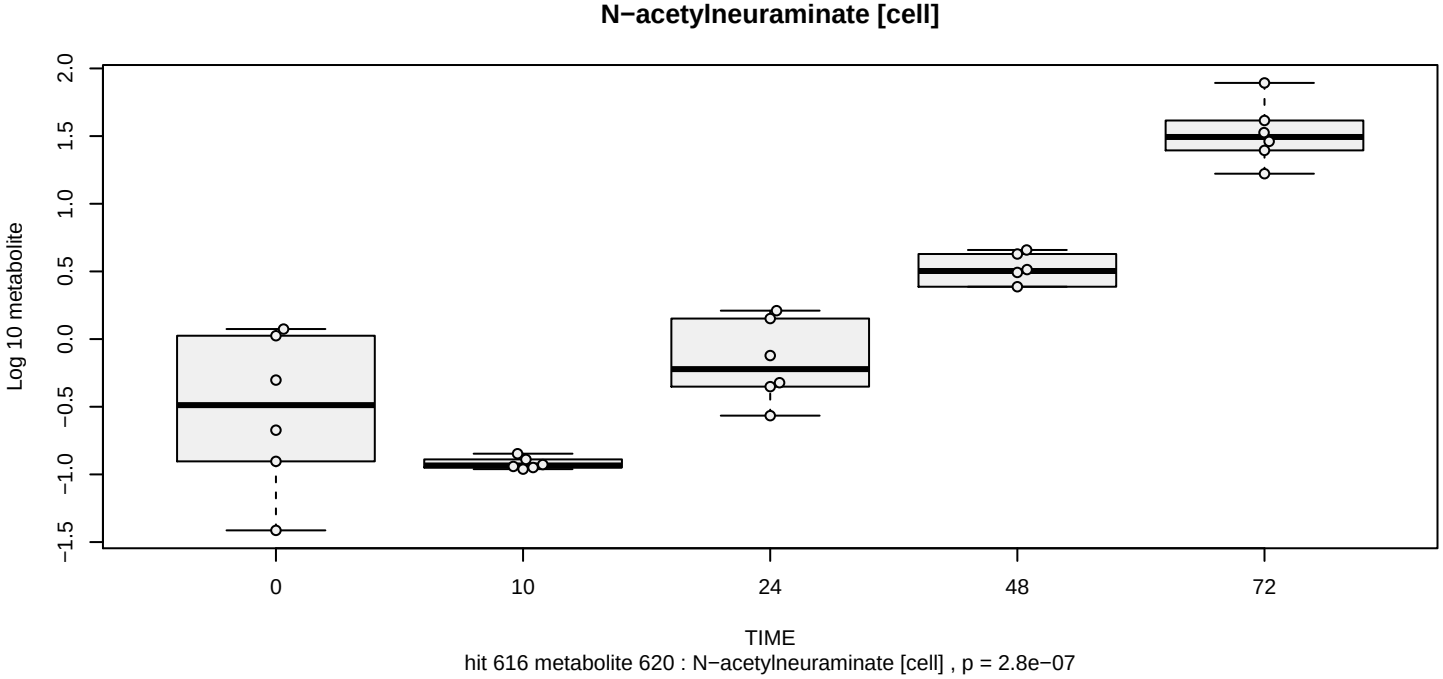
hit 613 metabolite 616 : N−acetylglutamine [cell] , p = 0.02



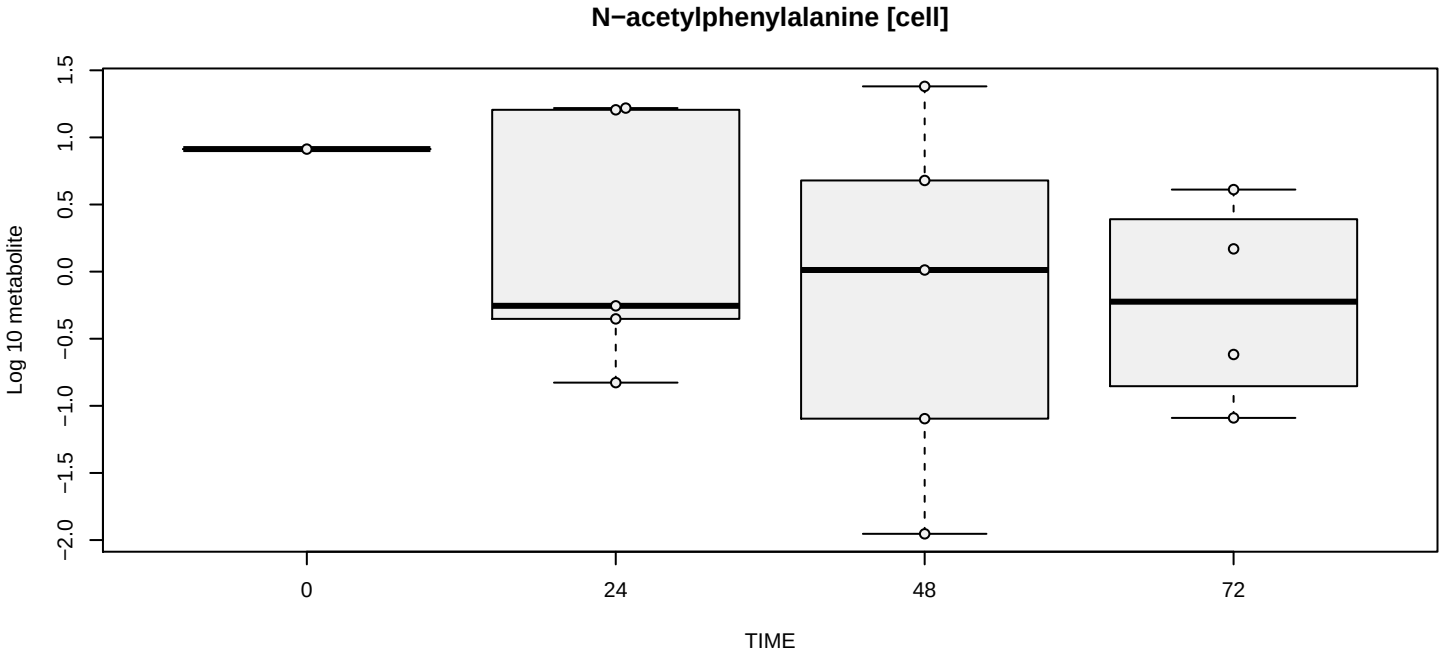
hit 614 metabolite 617 : N−acetylhistidine [cell] , p = 1.7e−05



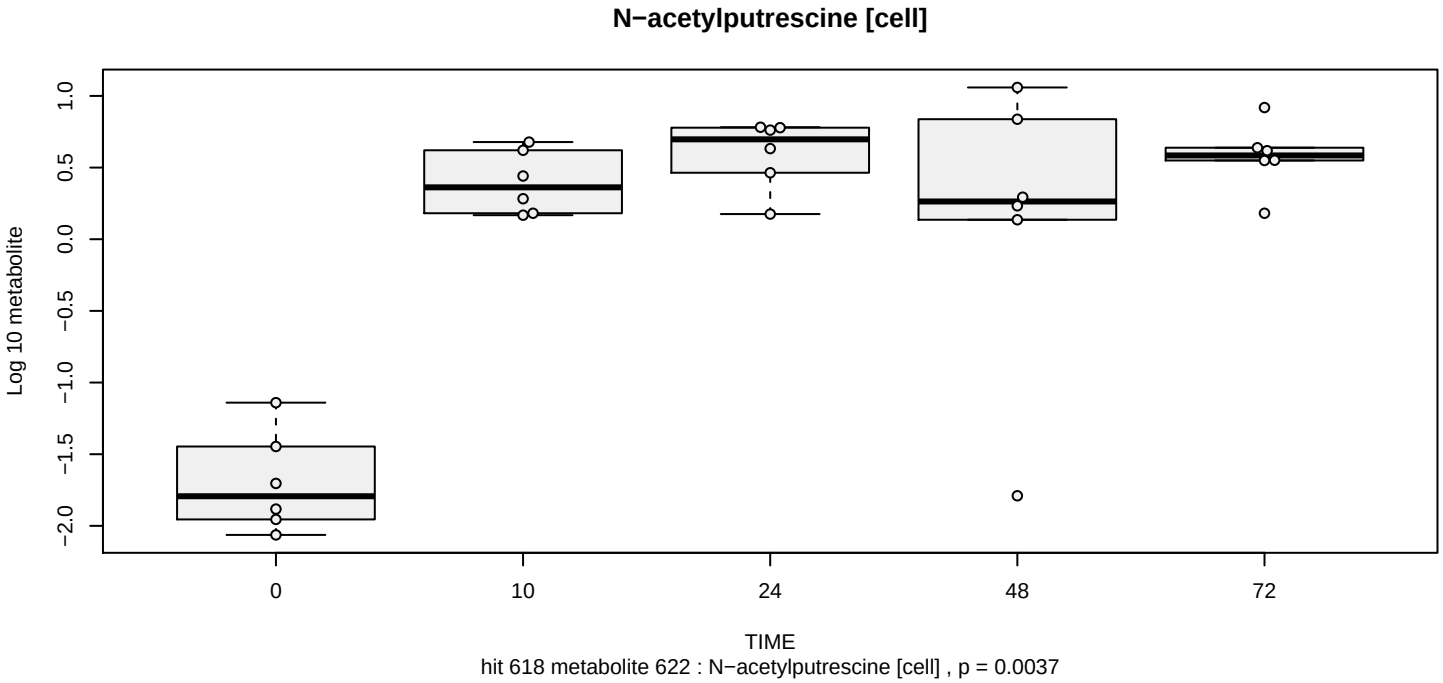
hit 615 metabolite 618 : N−acetylmethionine [cell] , p = 1.1e−11



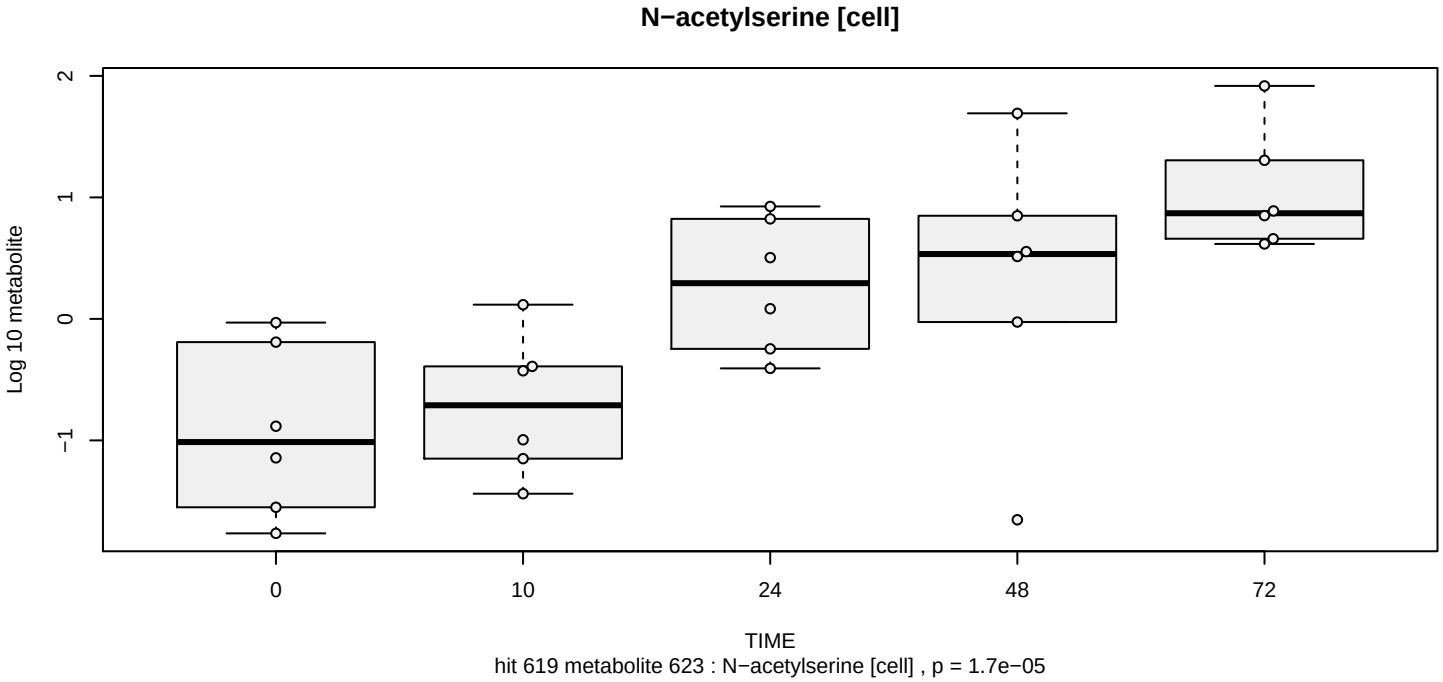
hit 616 metabolite 620 : N−acetylneuraminate [cell] , p = 2.8e−07



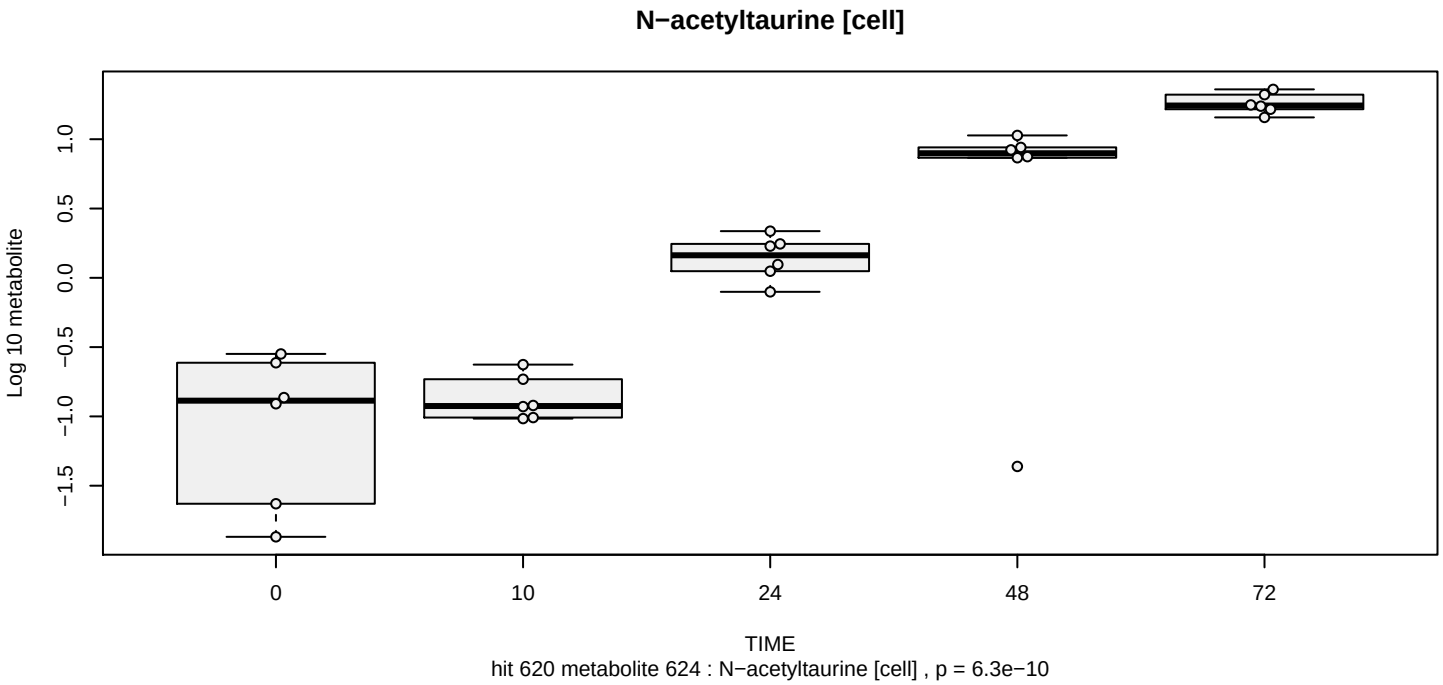
hit 617 metabolite 621 : N−acetylphenylalanine [cell] , p = 0.3



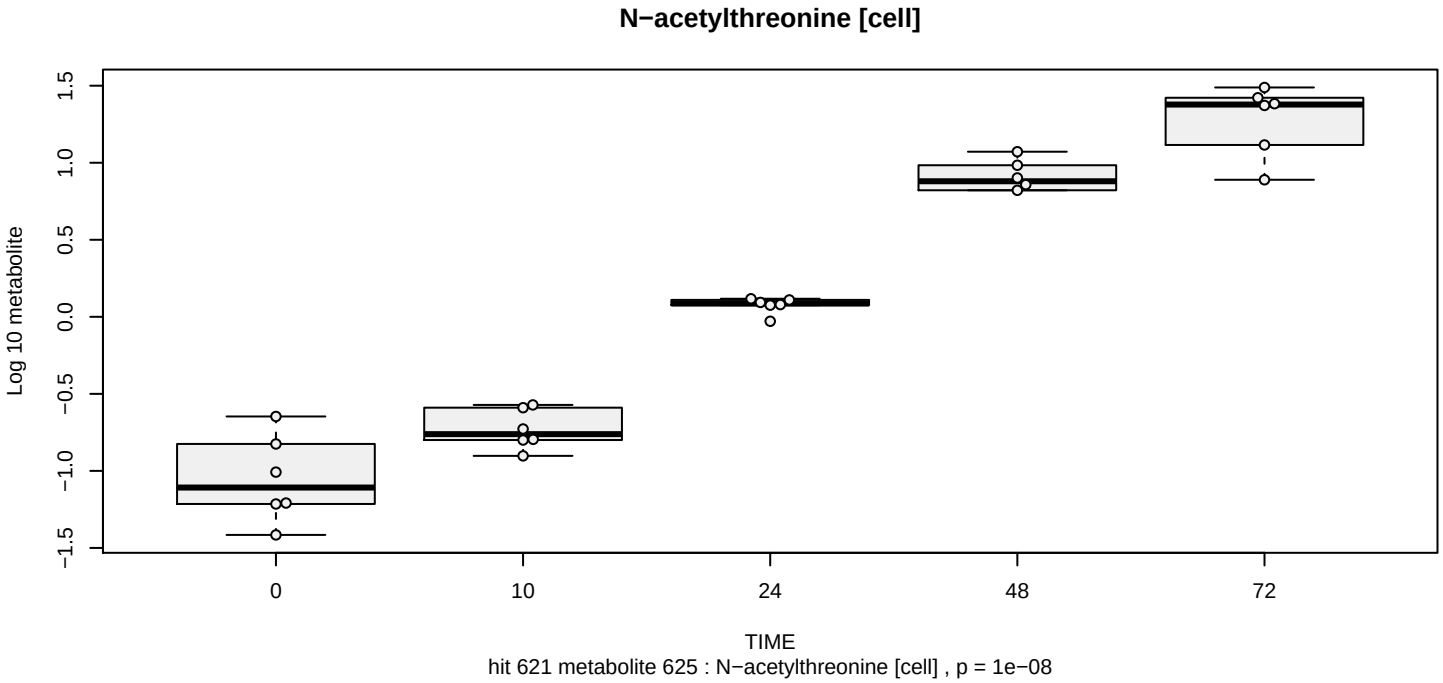
hit 618 metabolite 622 : N−acetylputrescine [cell] , p = 0.0037



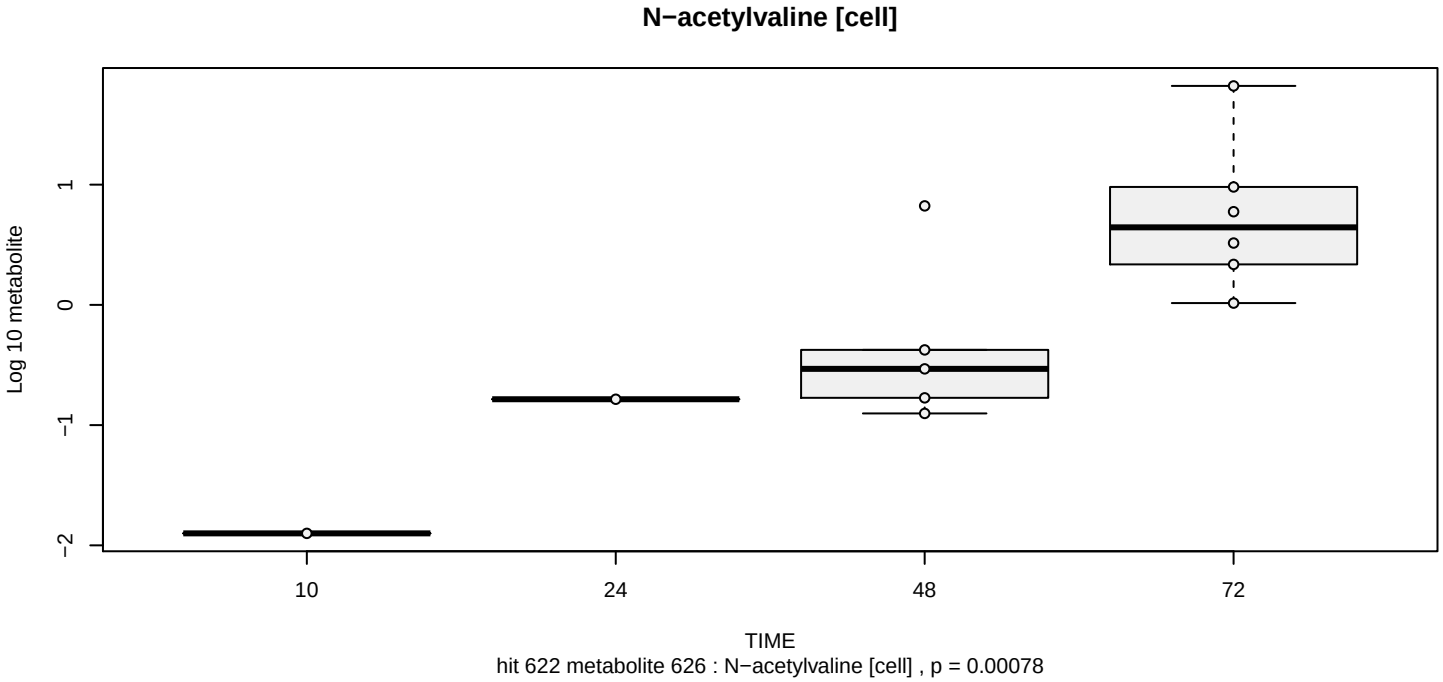
hit 619 metabolite 623 : N−acetylserine [cell] , p = 1.7e−05



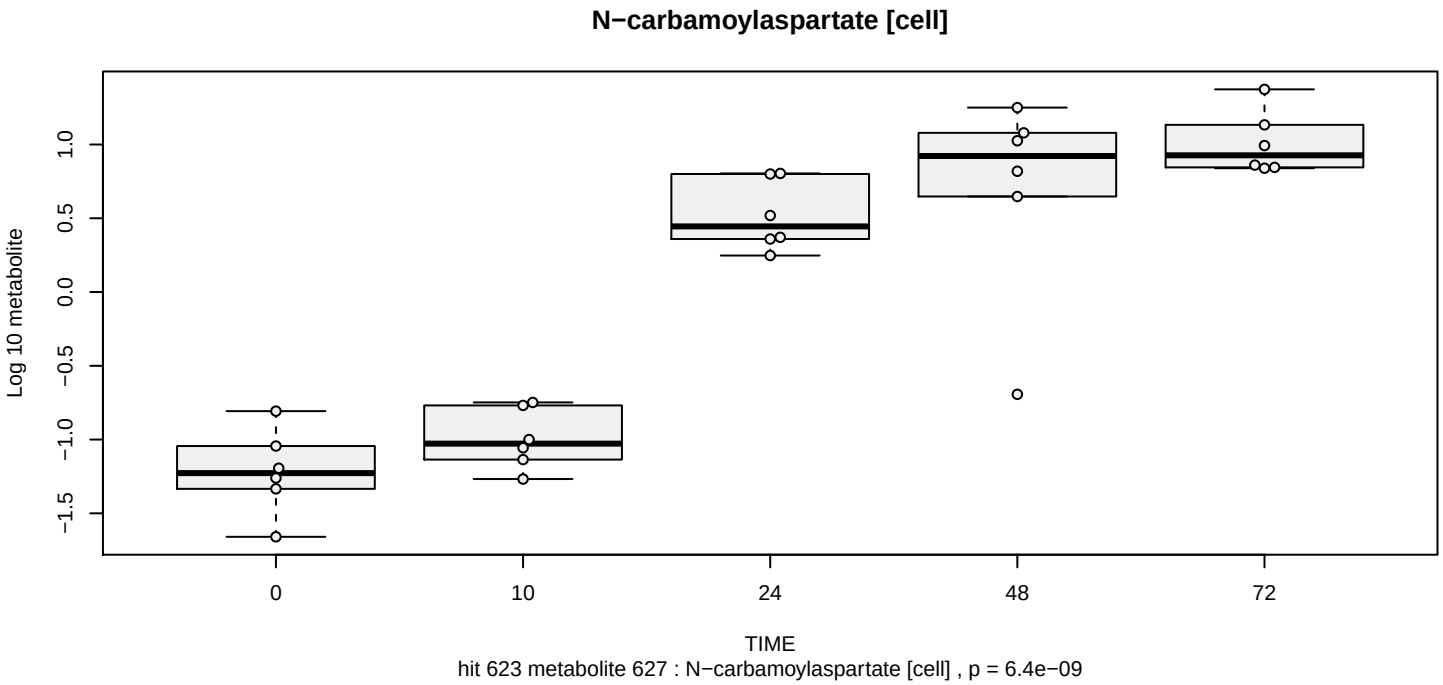
hit 620 metabolite 624 : N−acetyltaurine [cell] , p = 6.3e−10



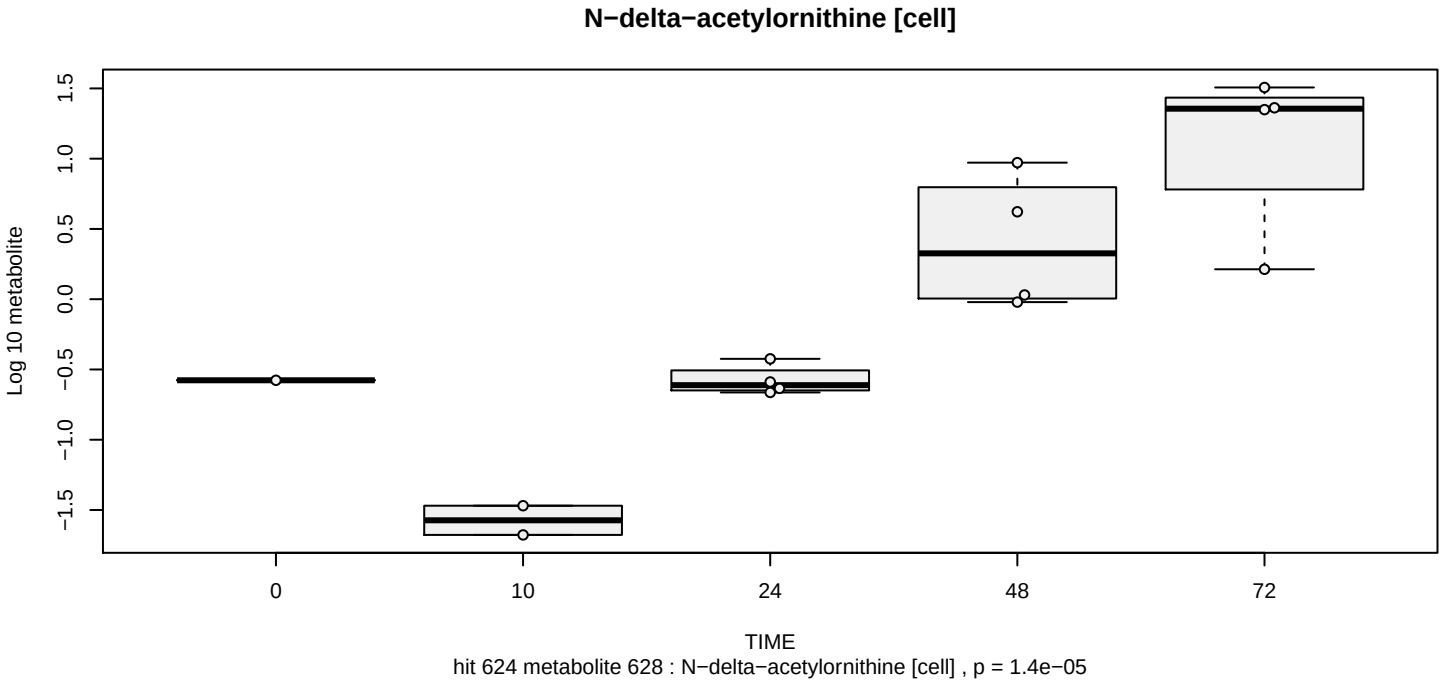
hit 621 metabolite 625 : N−acetylthreonine [cell] , p = 1e−08



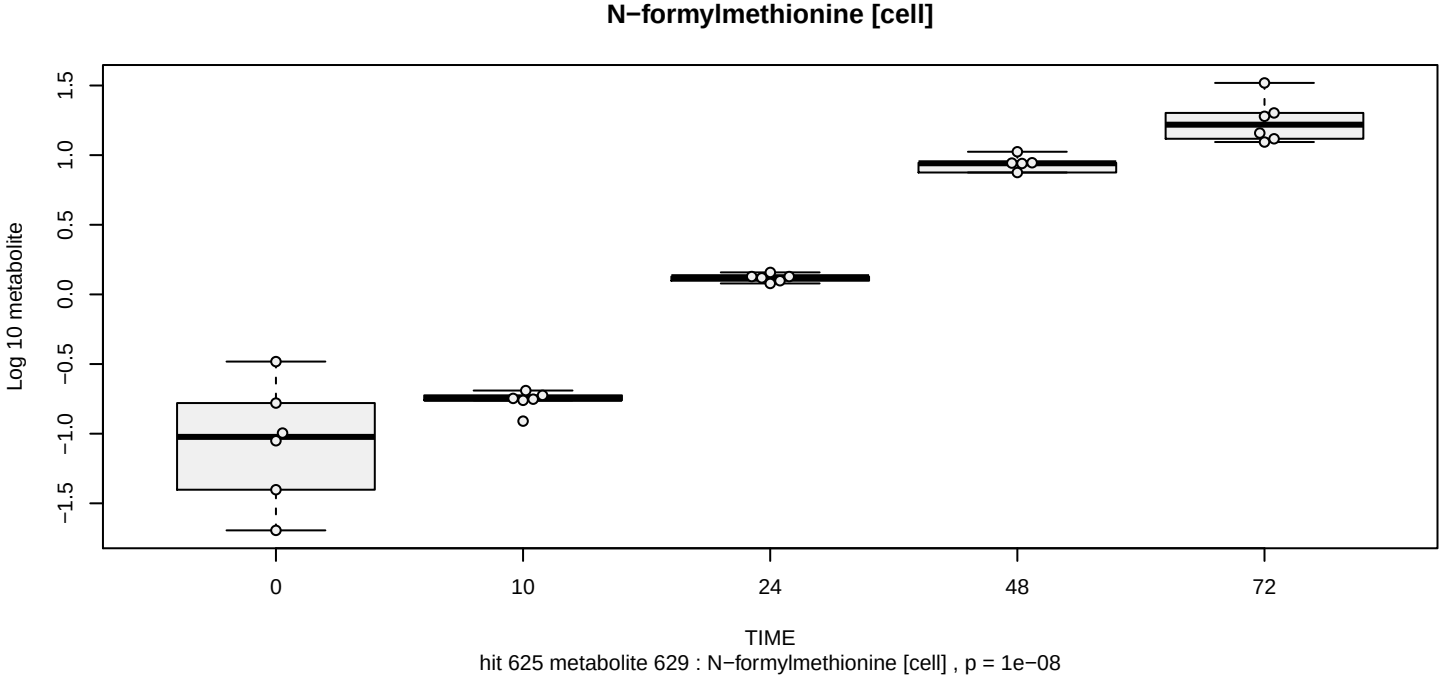
hit 622 metabolite 626 : N−acetylvaline [cell] , p = 0.00078



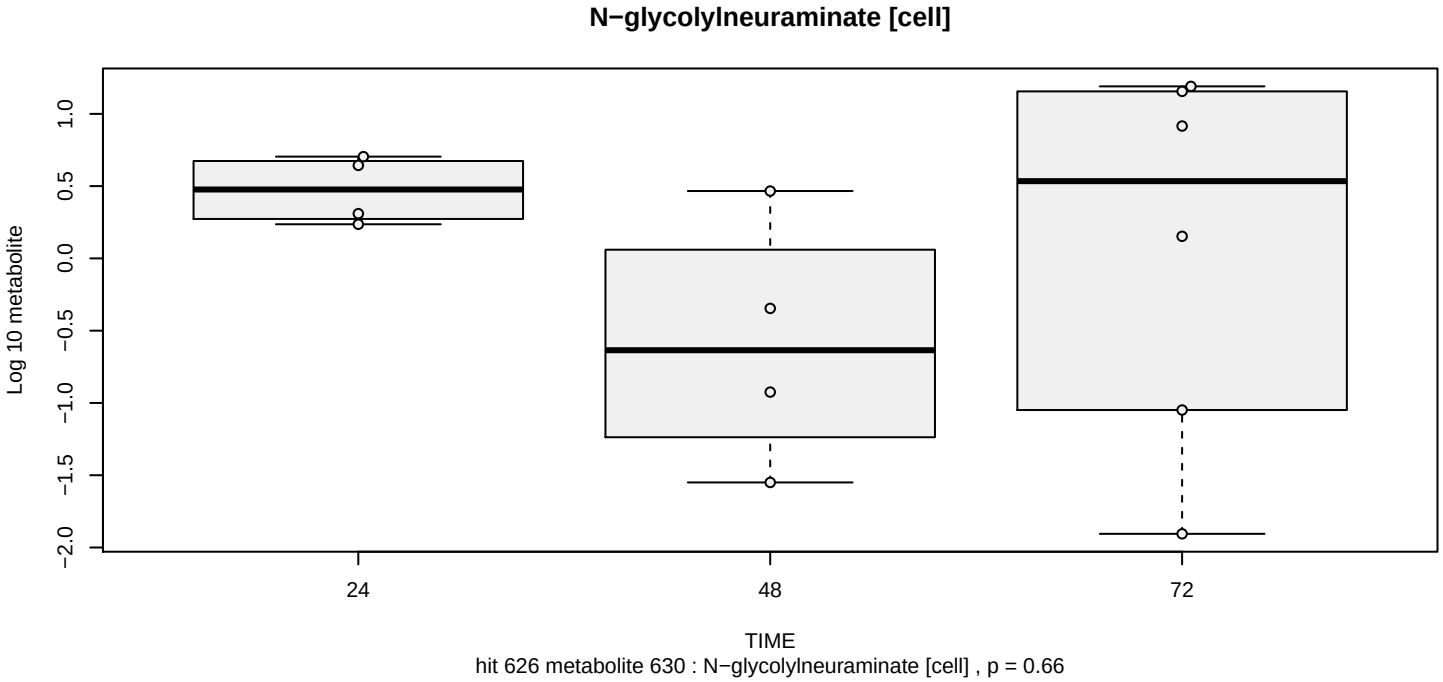
hit 623 metabolite 627 : N−carbamoylaspartate [cell] , p = 6.4e−09



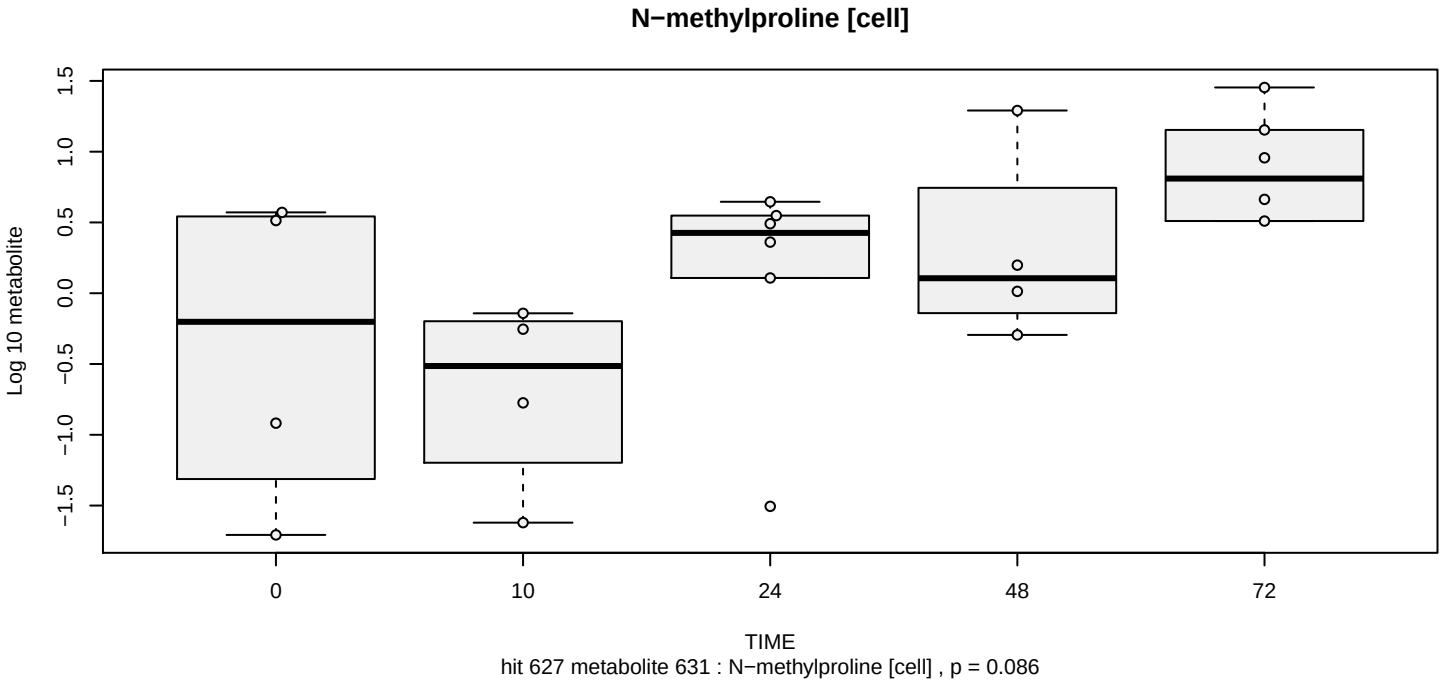
hit 624 metabolite 628 : N−delta−acetylornithine [cell] , p = 1.4e−05



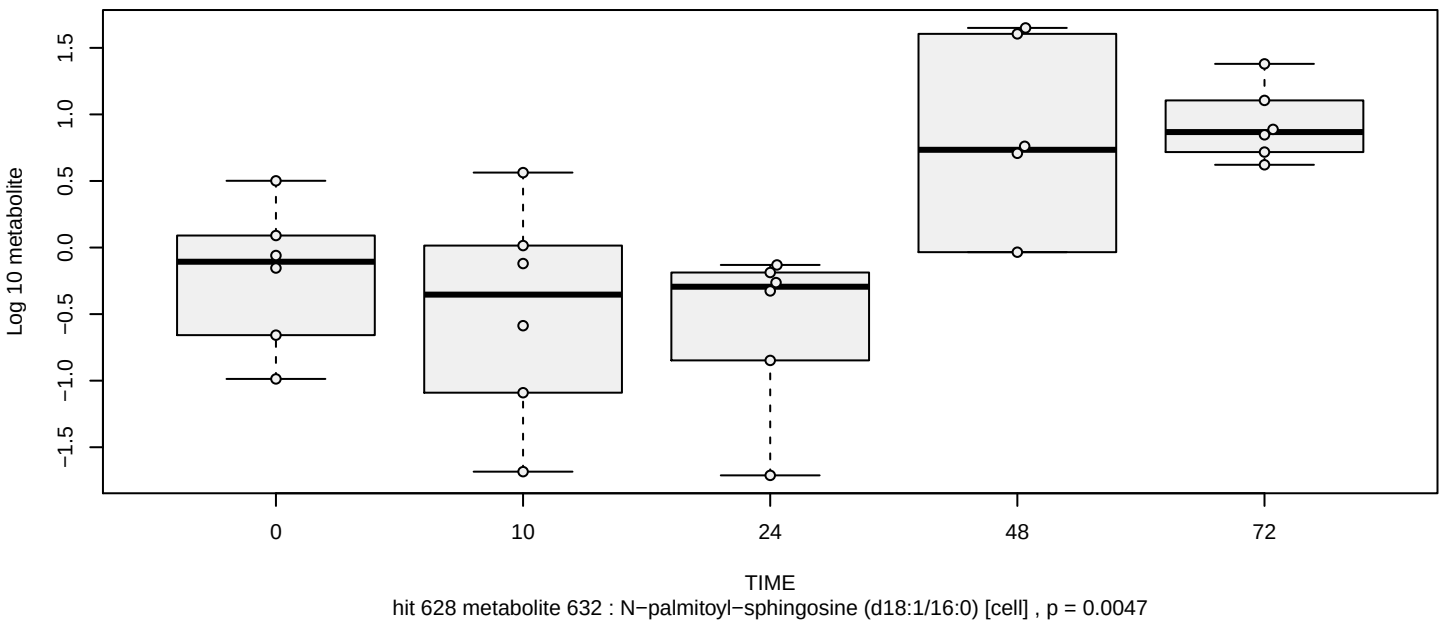
hit 625 metabolite 629 : N−formylmethionine [cell] , p = 1e−08



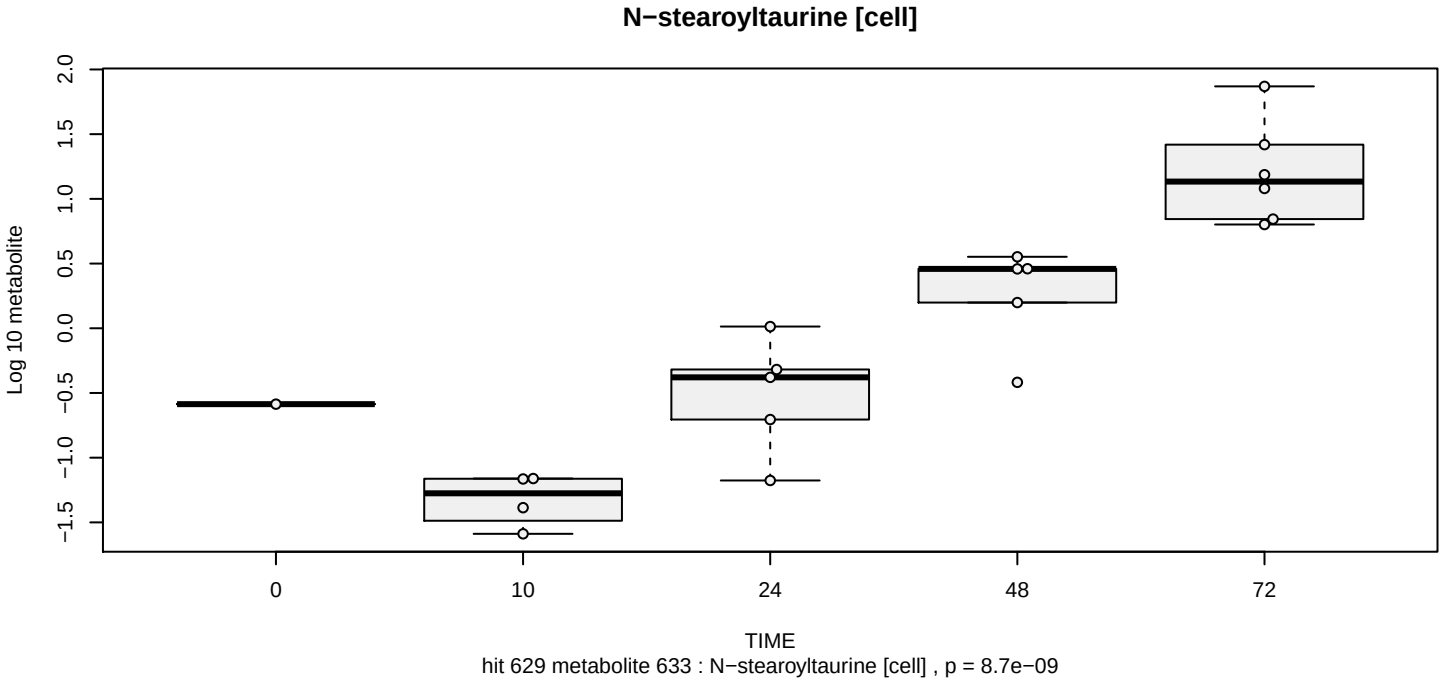
hit 626 metabolite 630 : N−glycolylneuraminate [cell] , p = 0.66



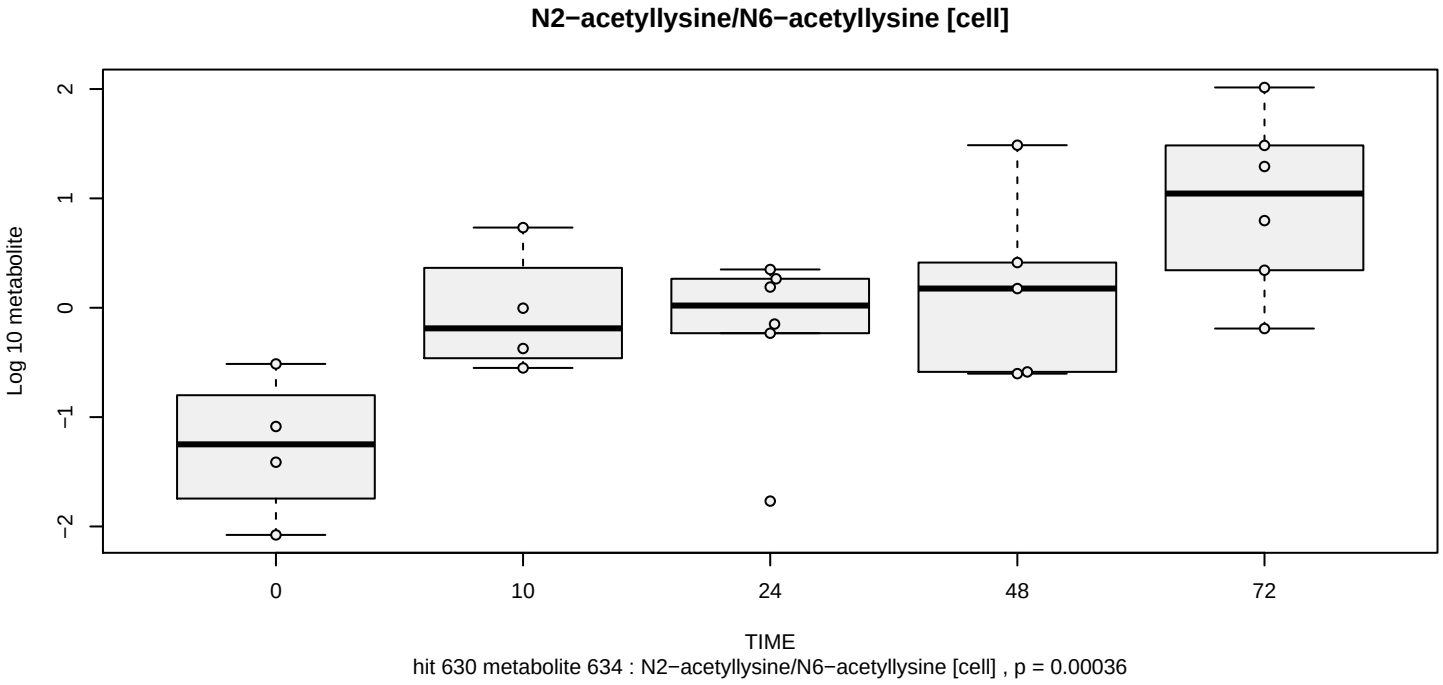
hit 627 metabolite 631 : N−methylproline [cell] , p = 0.086



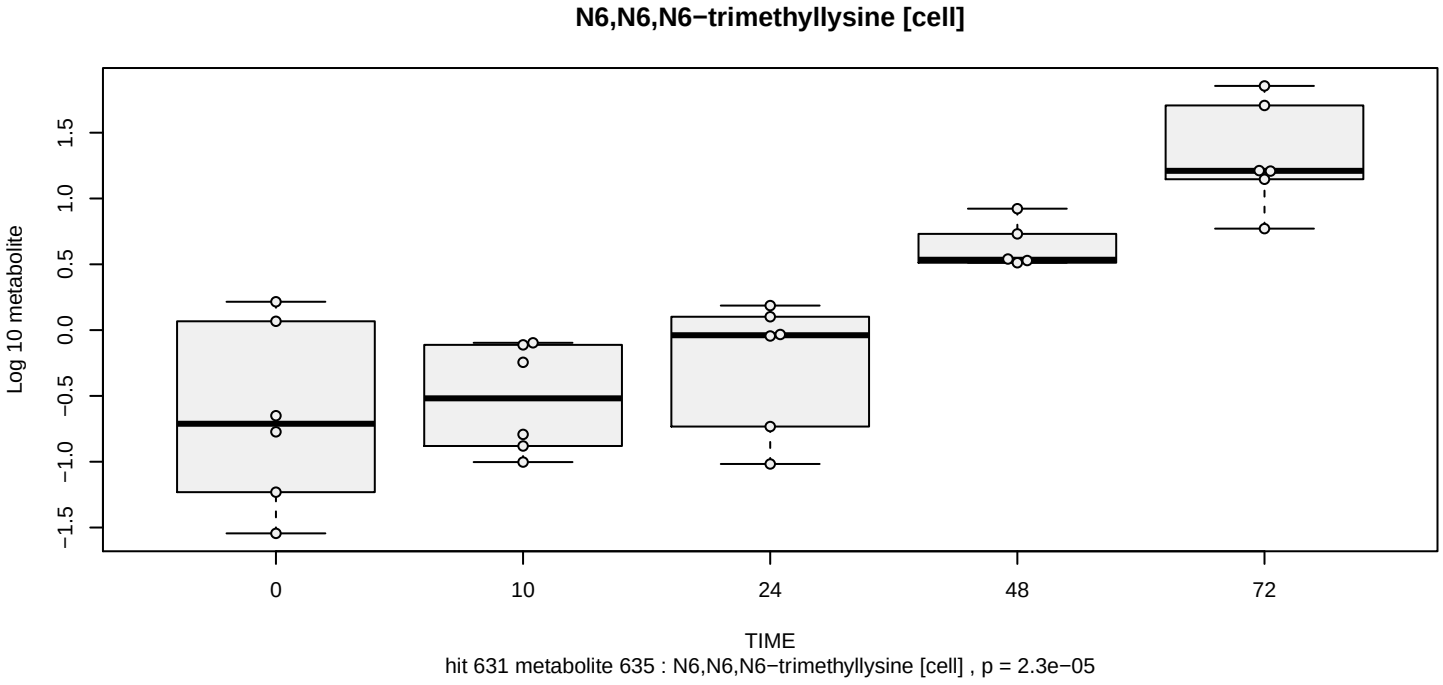
hit 628 metabolite 632 : N−palmitoyl−sphingosine (d18:1/16:0) [cell] , p = 0.0047



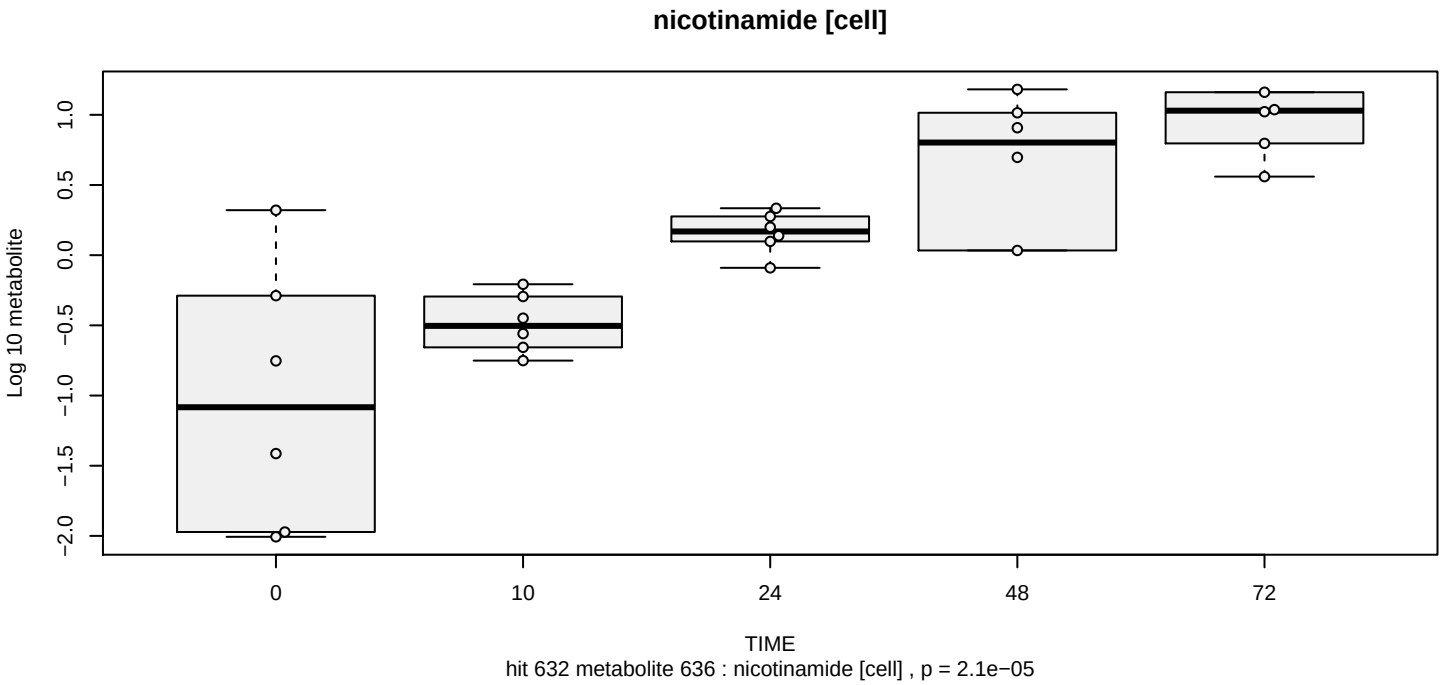
hit 629 metabolite 633 : N−stearoyltaurine [cell] , p = 8.7e−09



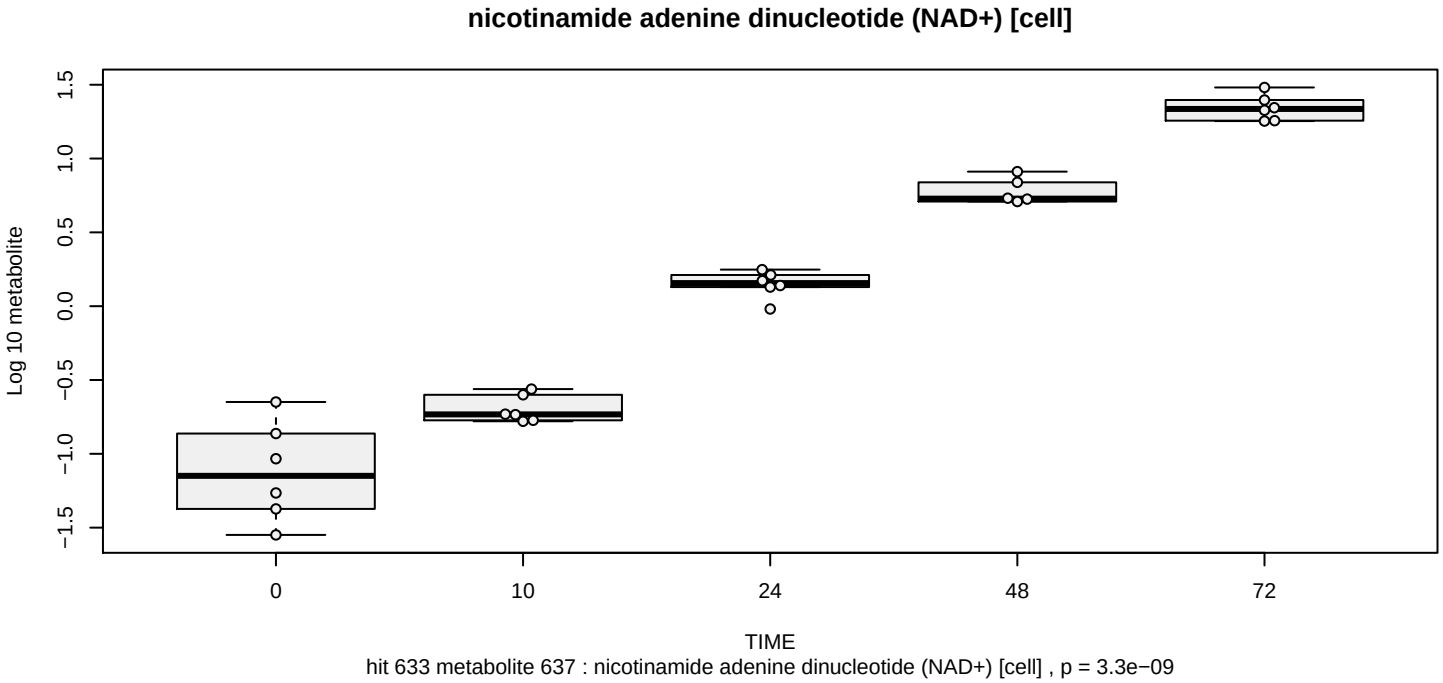
hit 630 metabolite 634 : N2−acetyllysine/N6−acetyllysine [cell] , p = 0.00036



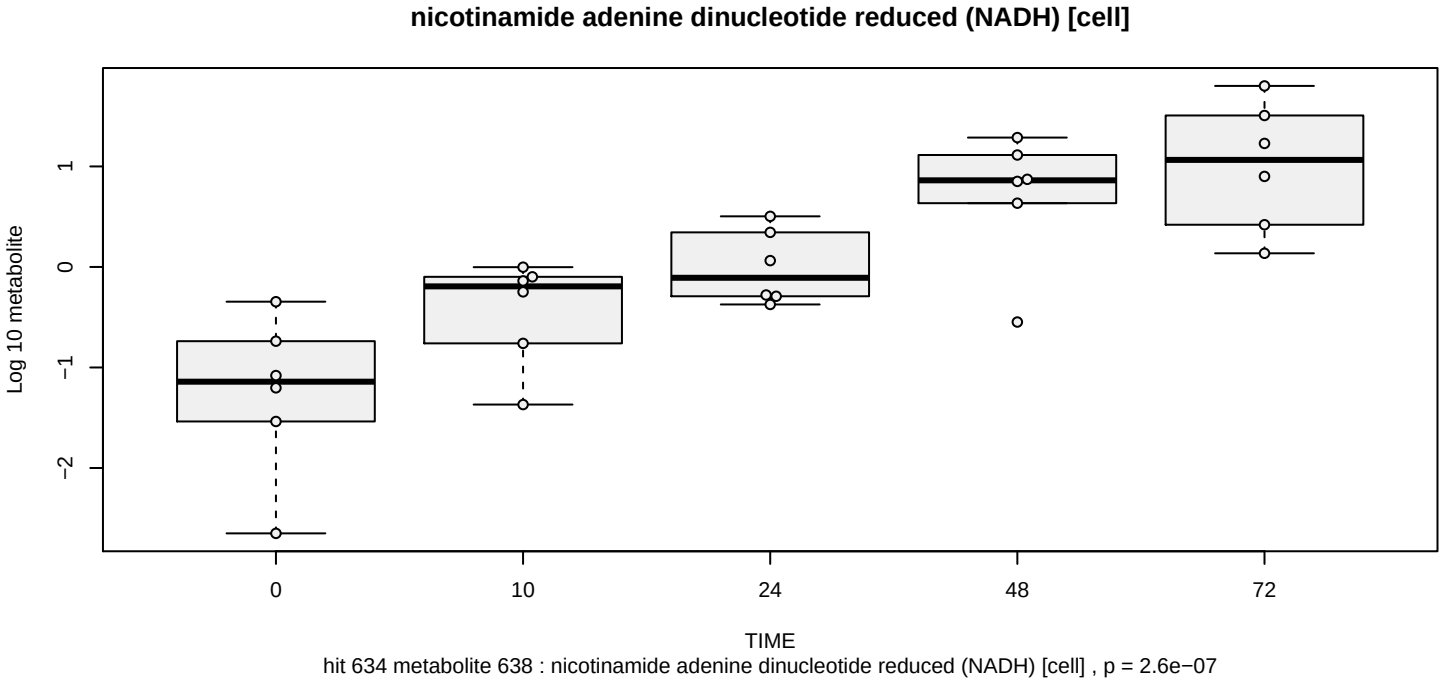
hit 631 metabolite 635 : N6,N6,N6−trimethyllysine [cell] , p = 2.3e−05



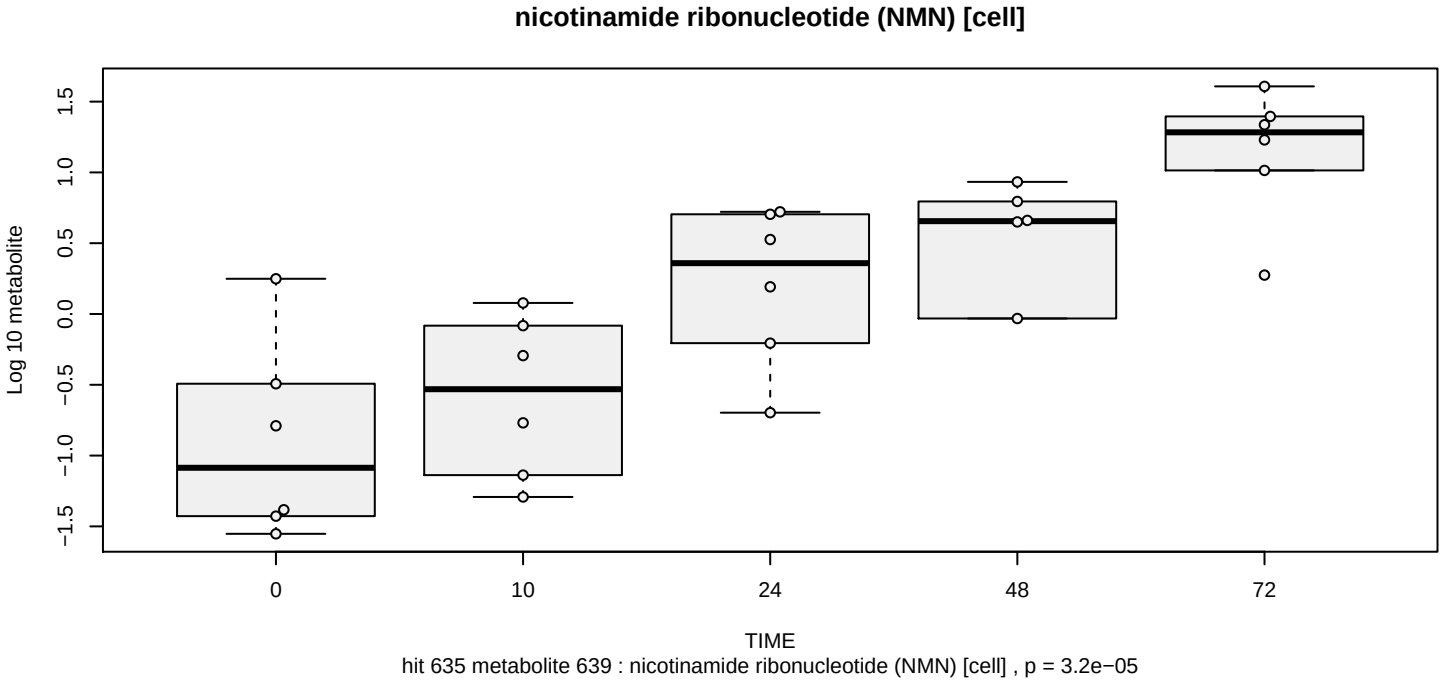
hit 632 metabolite 636 : nicotinamide [cell] , p = 2.1e−05



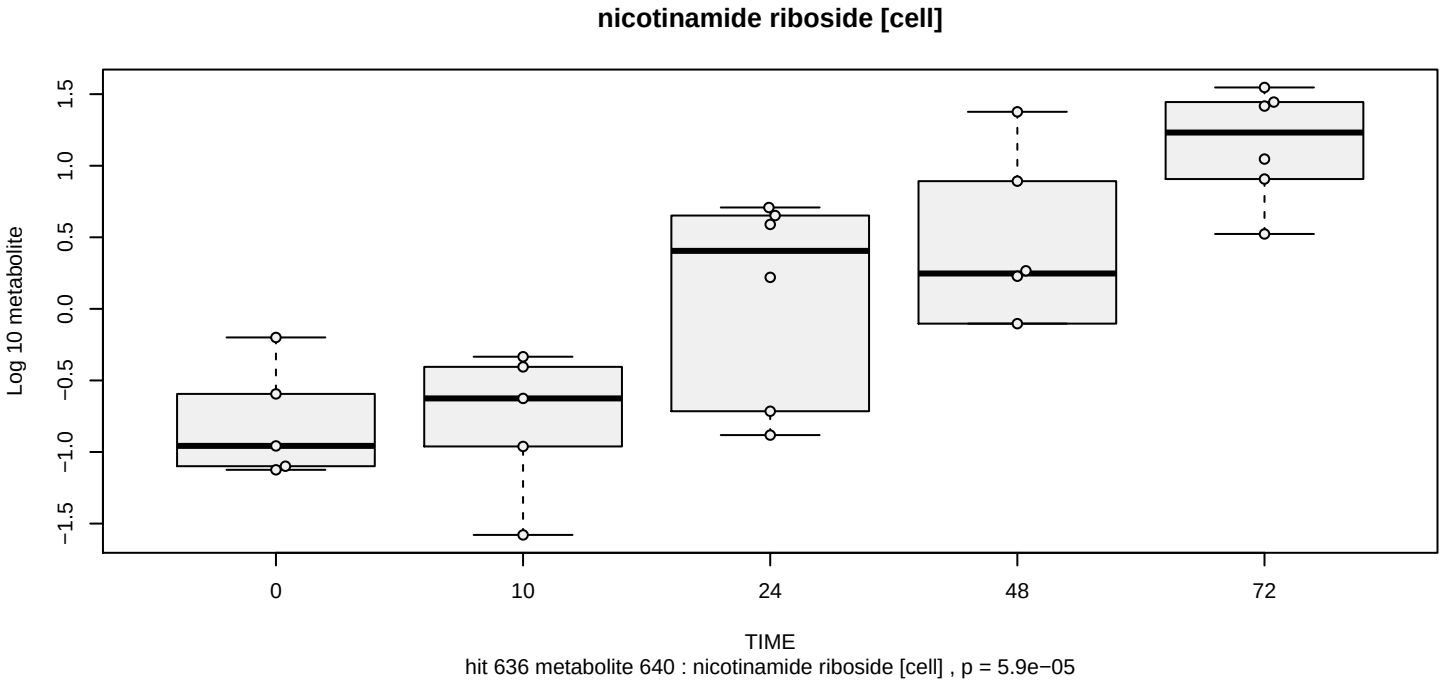
hit 633 metabolite 637 : nicotinamide adenine dinucleotide (NAD+) [cell] , p = 3.3e−09



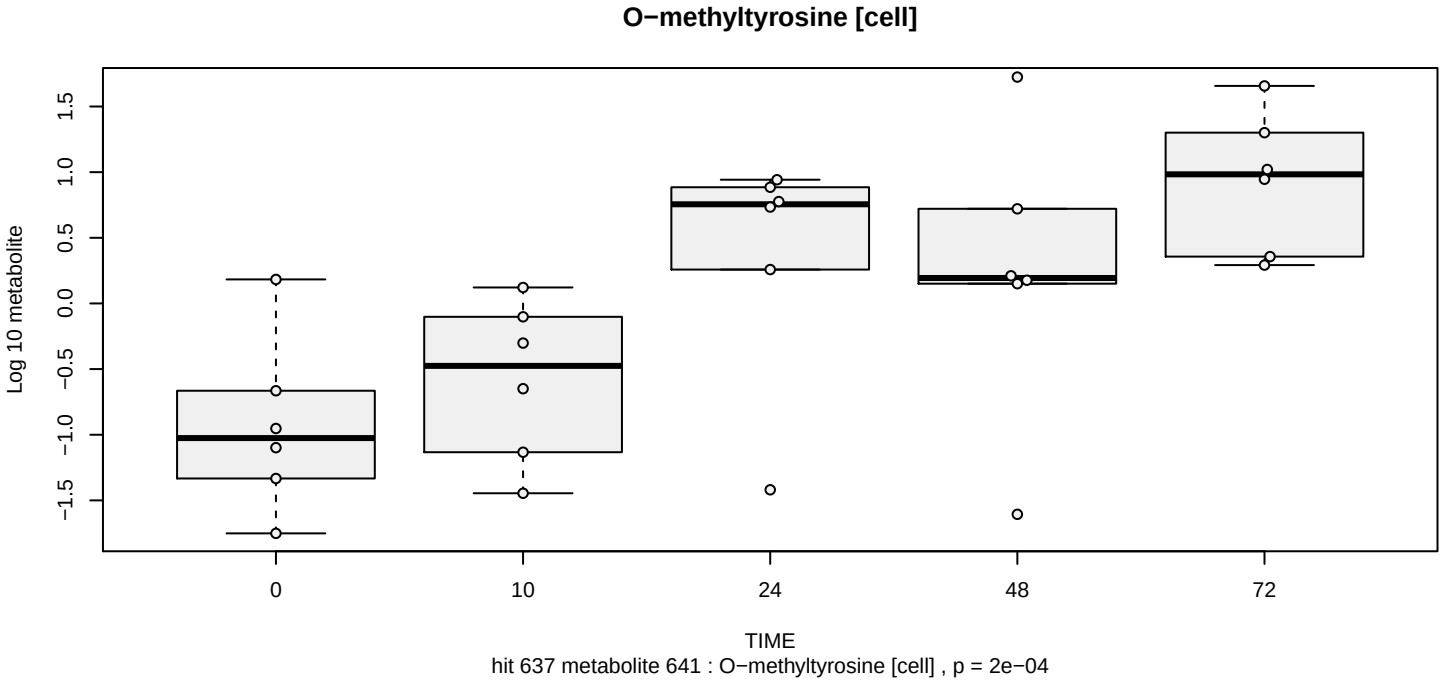
hit 634 metabolite 638 : nicotinamide adenine dinucleotide reduced (NADH) [cell] , p = 2.6e−07



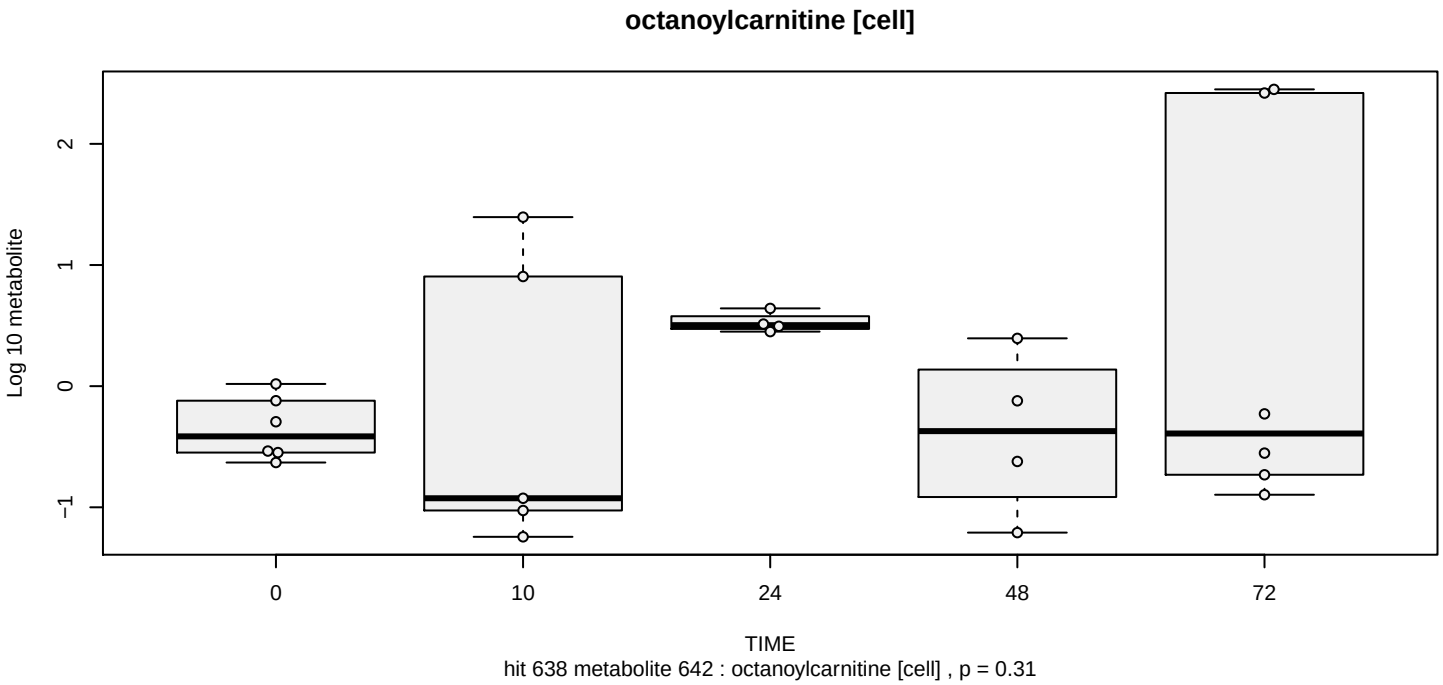
hit 635 metabolite 639 : nicotinamide ribonucleotide (NMN) [cell] , p = 3.2e−05



hit 636 metabolite 640 : nicotinamide riboside [cell] , p = 5.9e−05

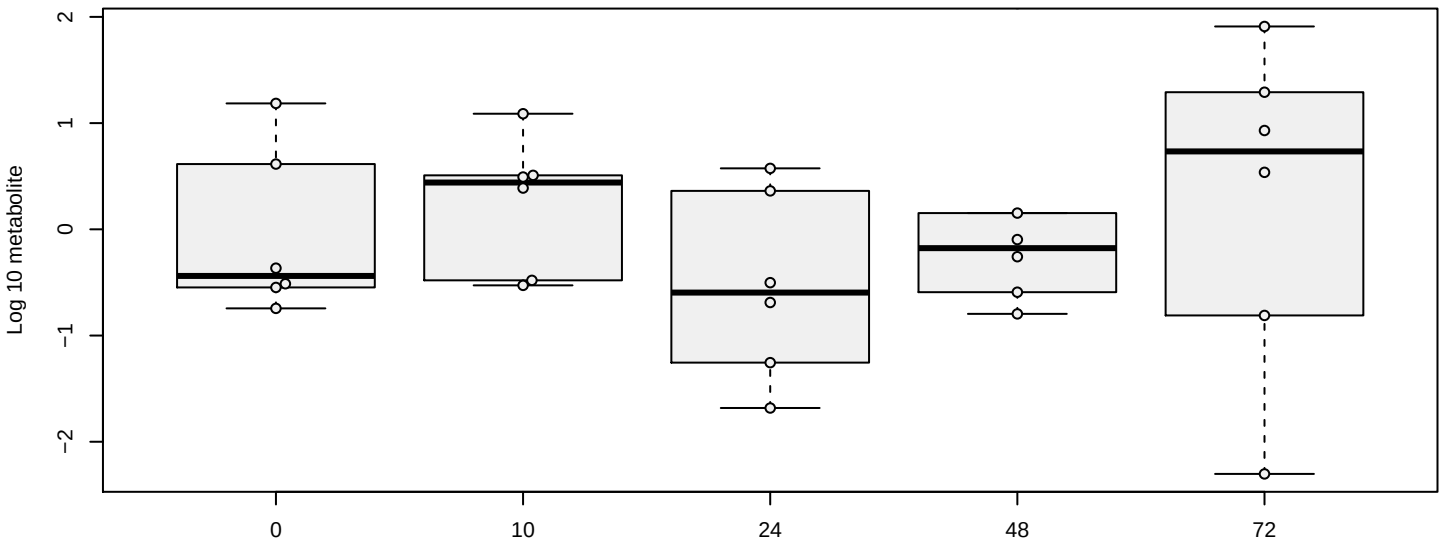


hit 637 metabolite 641 : O−methyltyrosine [cell] , p = 2e−04



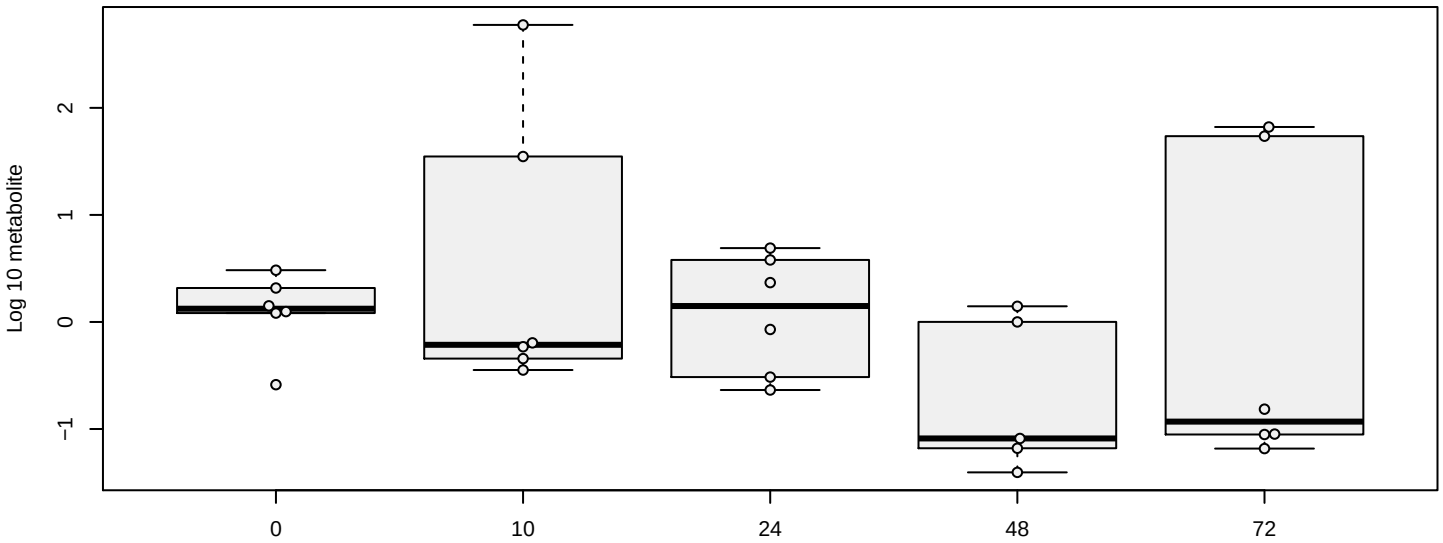
hit 638 metabolite 642 : octanoylcarnitine [cell] , p = 0.31

oleamide [cell]



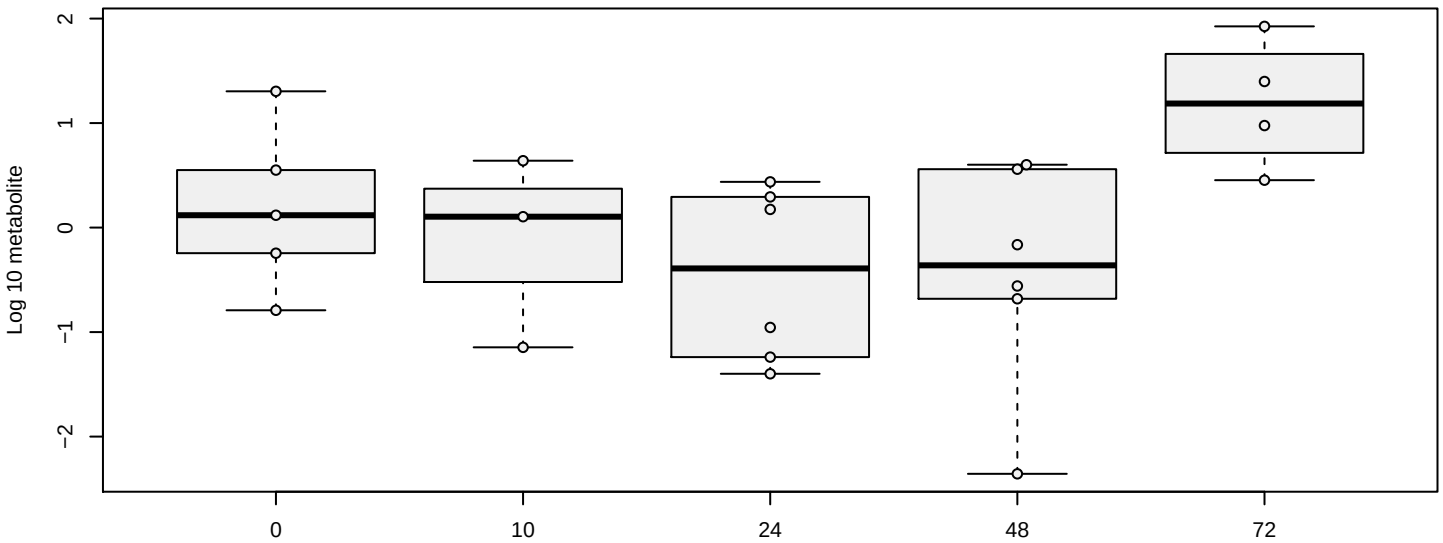
hit 639 metabolite 643 : oleamide [cell] , p = 0.61

oleoylcarnitine [cell]

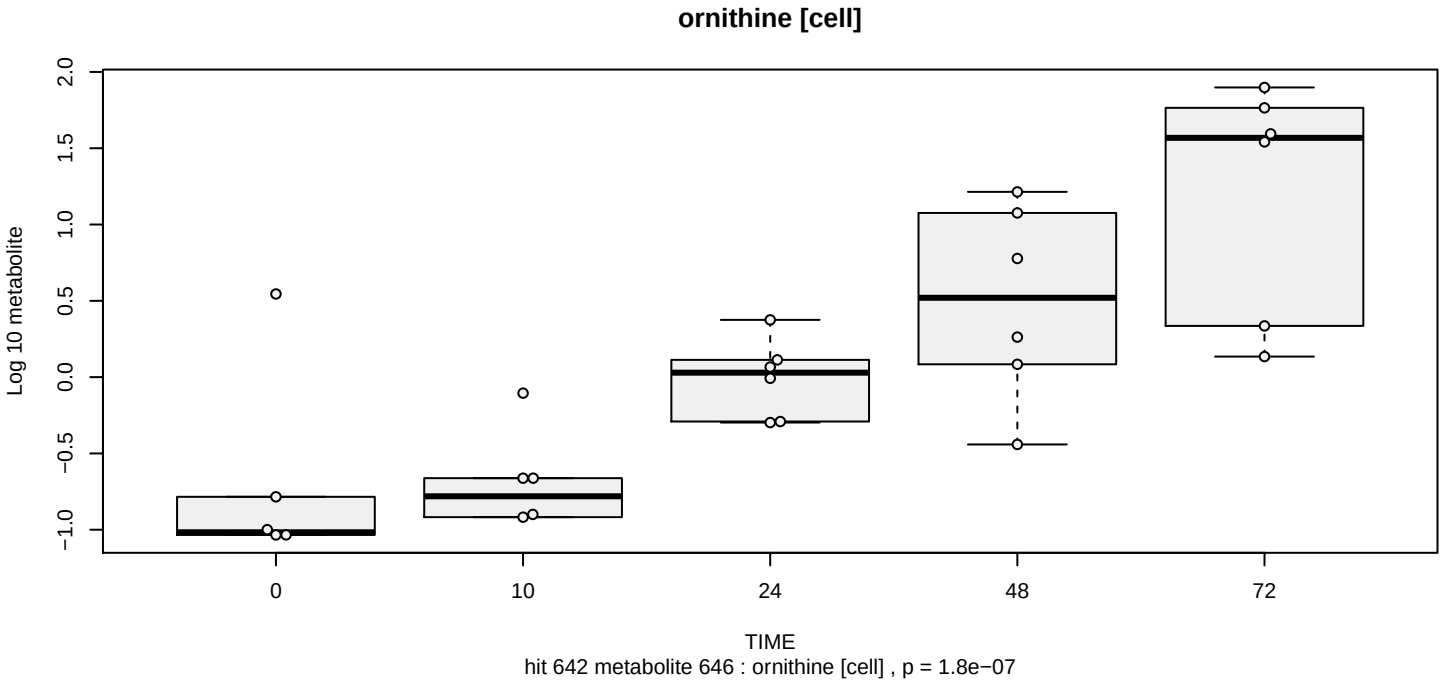


hit 640 metabolite 644 : oleoylcarnitine [cell] , p = 0.25

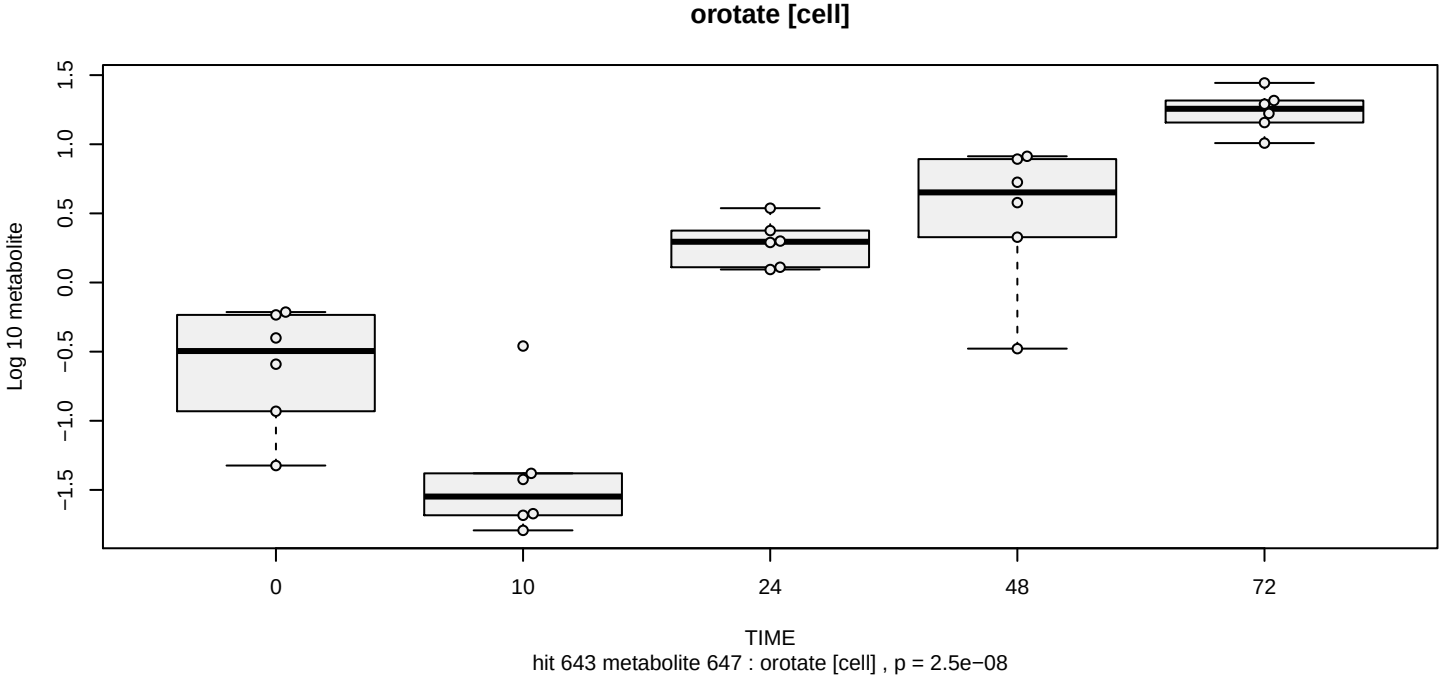
ophthalmate [cell]



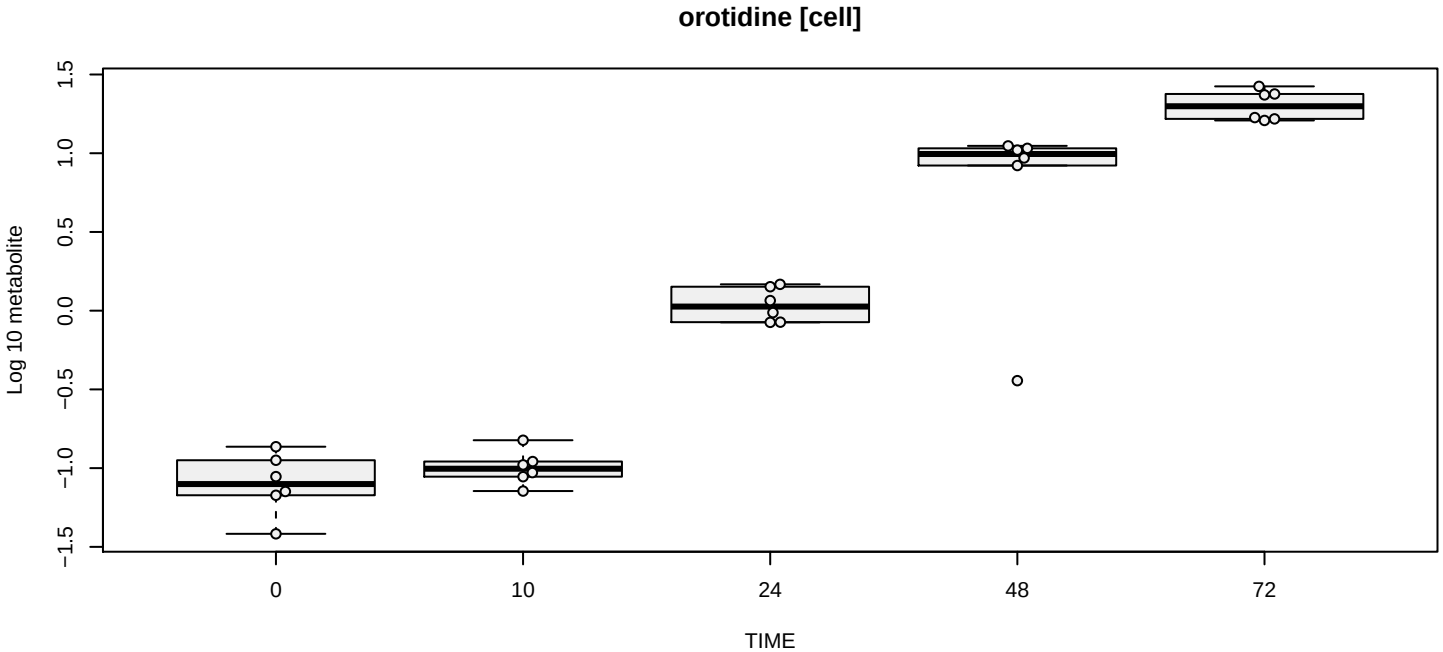
hit 641 metabolite 645 : ophthalmate [cell] , p = 0.23



hit 642 metabolite 646 : ornithine [cell] , p = 1.8e−07

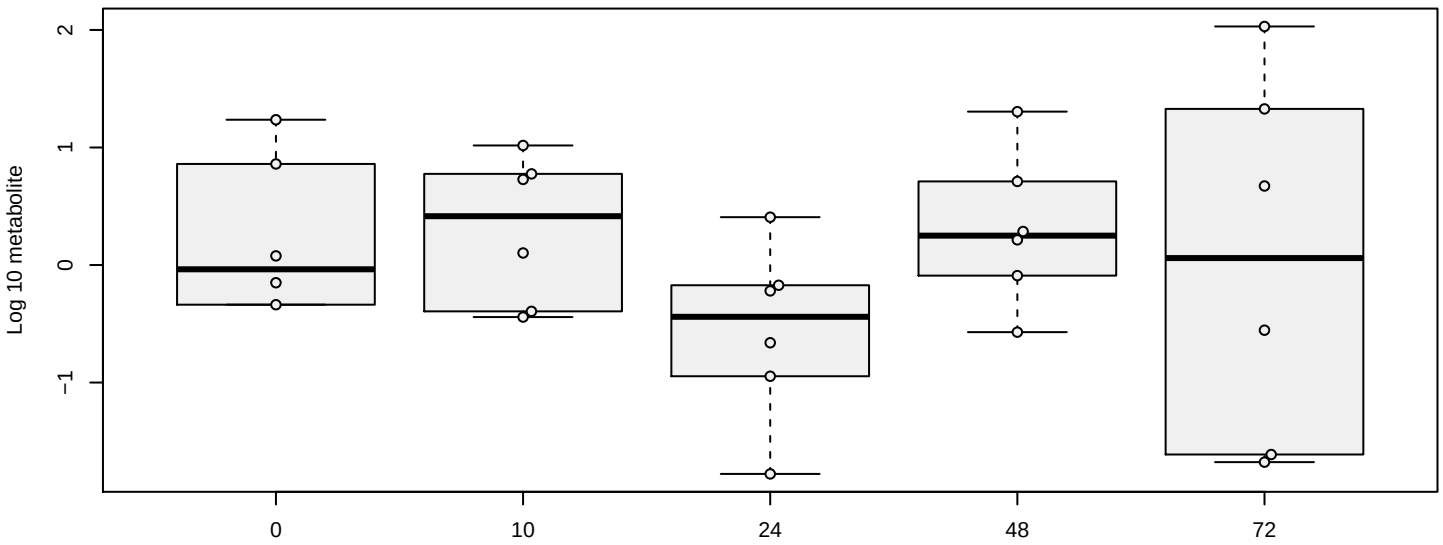


hit 643 metabolite 647 : orotate [cell] , p = 2.5e−08



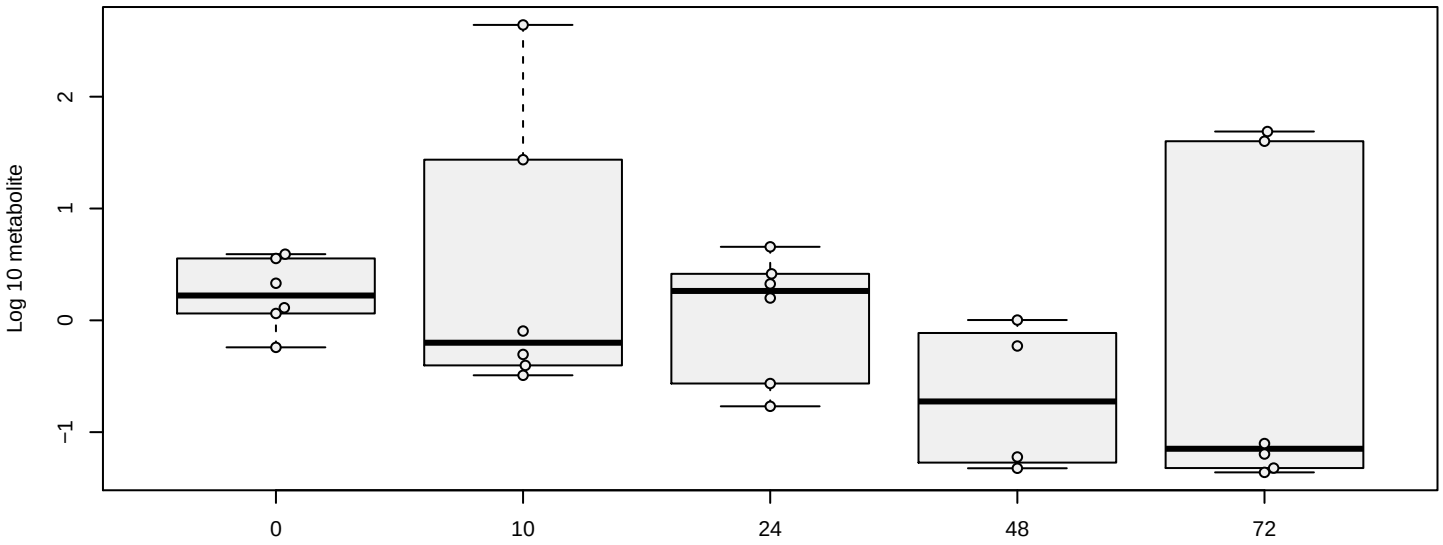
hit 644 metabolite 648 : orotidine [cell] , p = 7.7e−15

palmitic amide [cell]



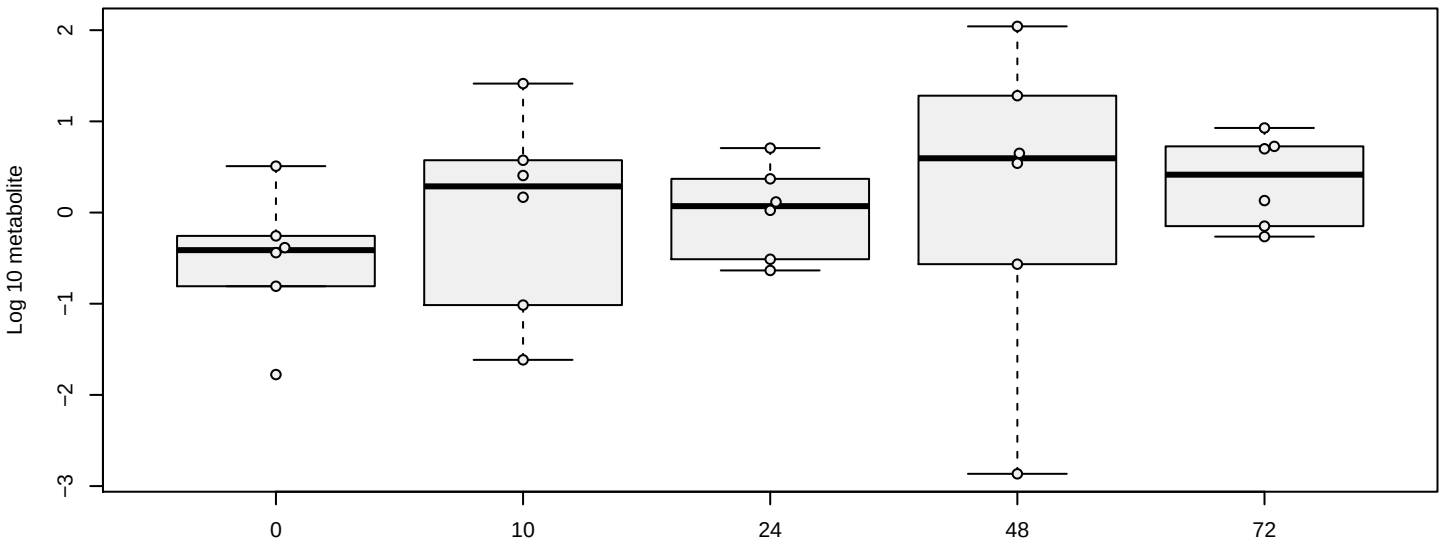
hit 645 metabolite 649 : palmitic amide [cell] , p = 0.79

palmitoleoylcarnitine* [cell]

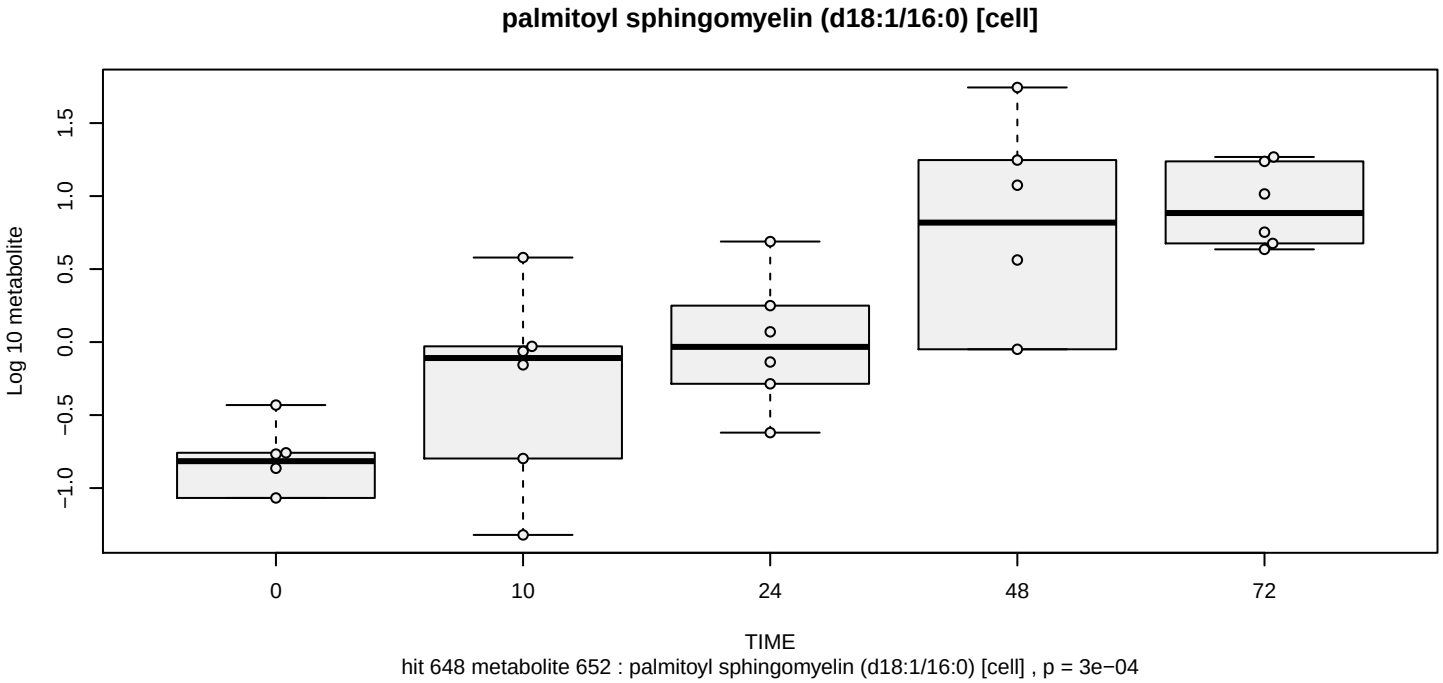


hit 646 metabolite 650 : palmitoleoylcarnitine* [cell] , p = 0.12

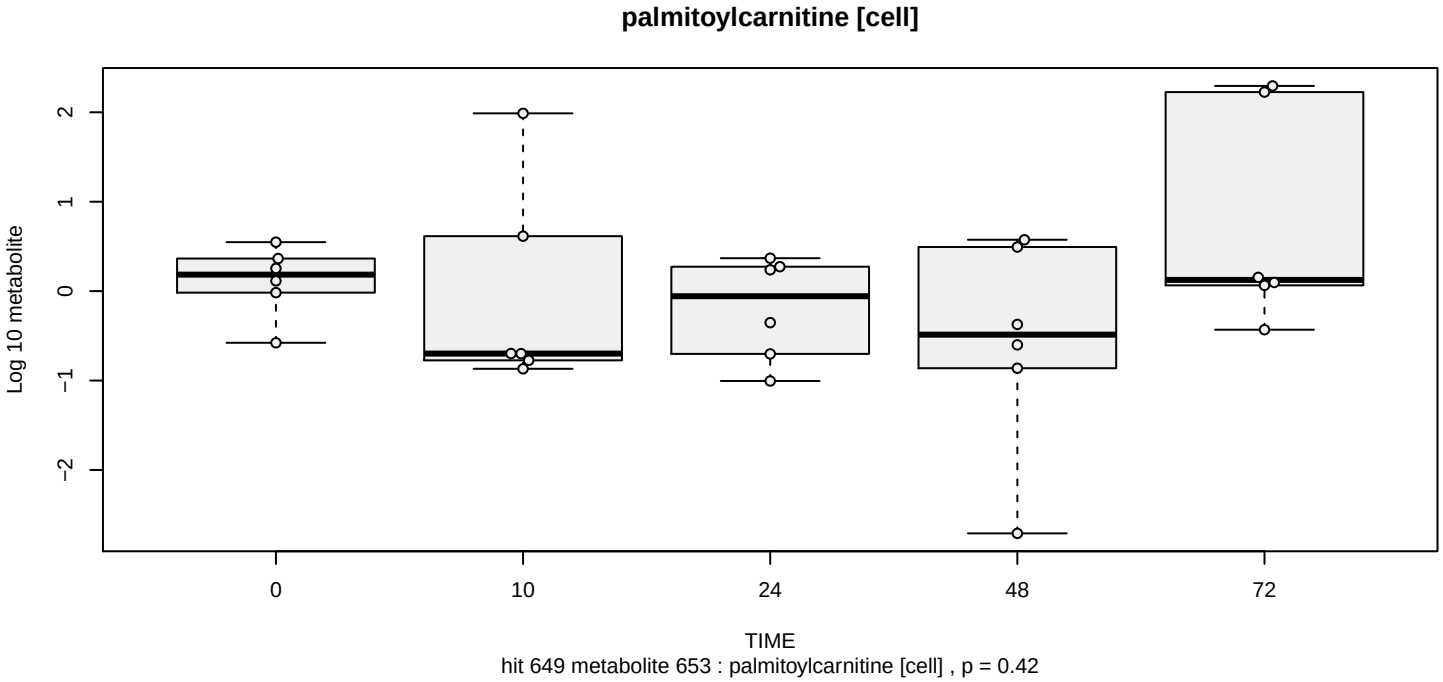
palmitoyl dihydrosphingomyelin (d18:0/16:0)* [cell]



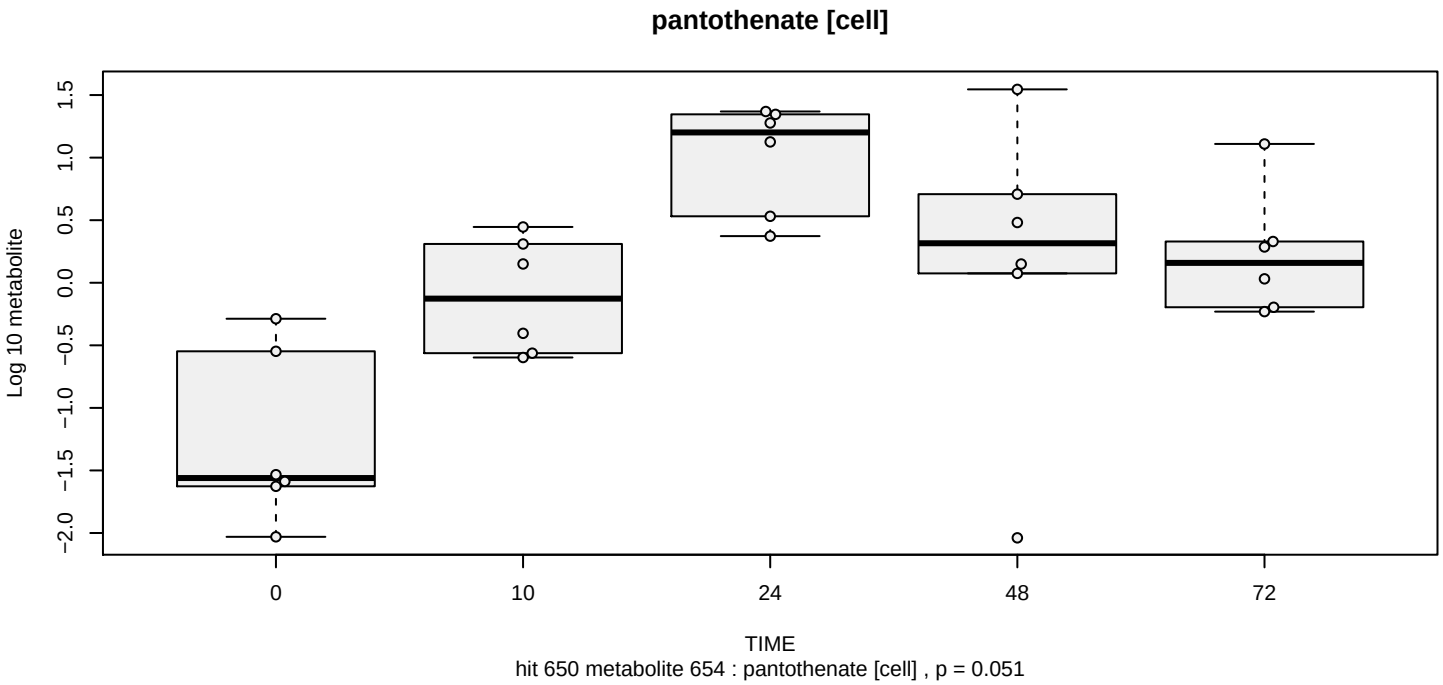
hit 647 metabolite 651 : palmitoyl dihydrosphingomyelin (d18:0/16:0)* [cell] , p = 0.16



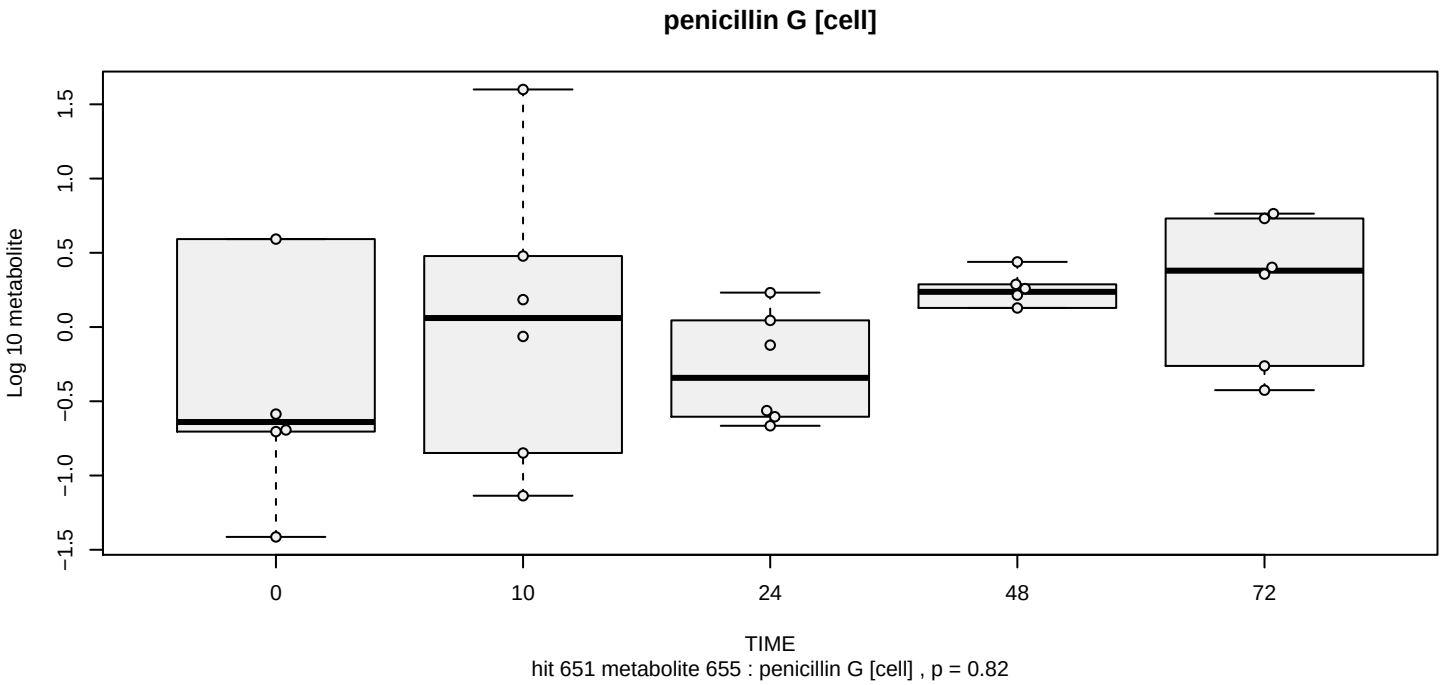
hit 648 metabolite 652 : palmitoyl sphingomyelin (d18:1/16:0) [cell] , p = 3e−04



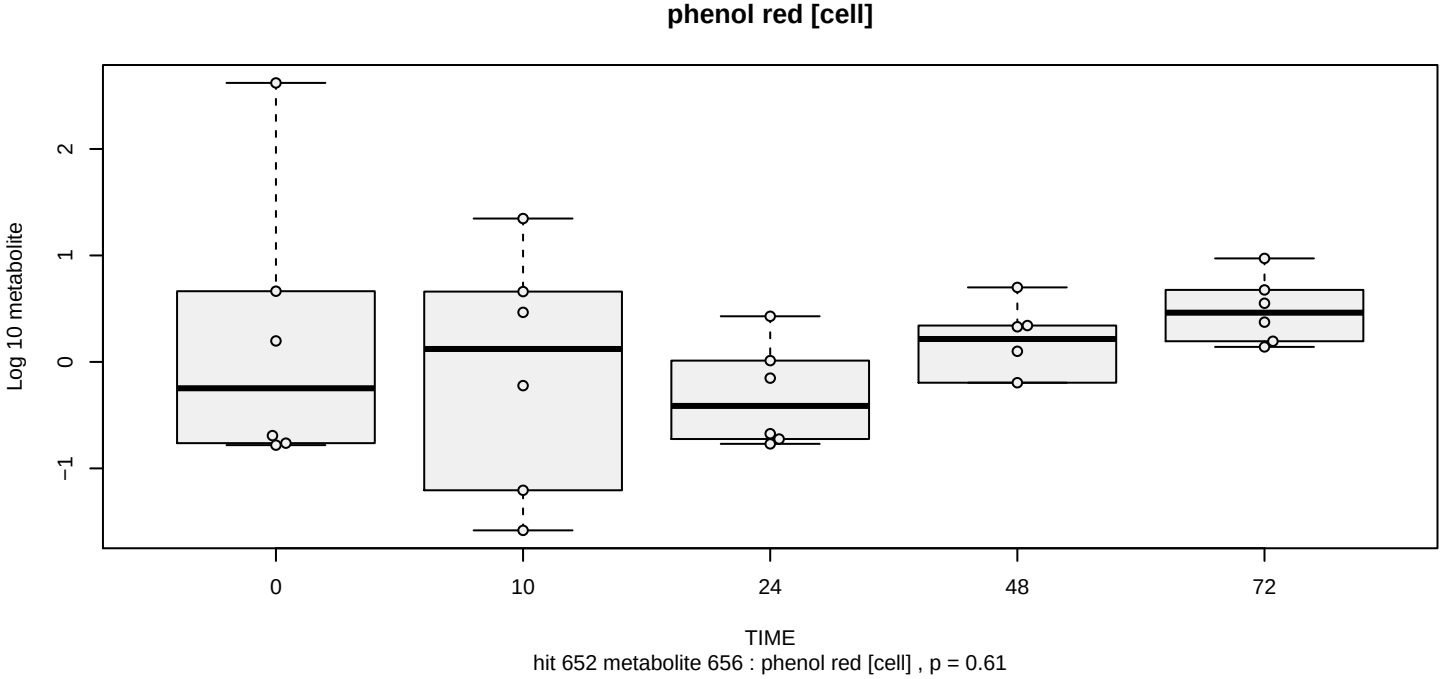
hit 649 metabolite 653 : palmitoylcarnitine [cell] , p = 0.42



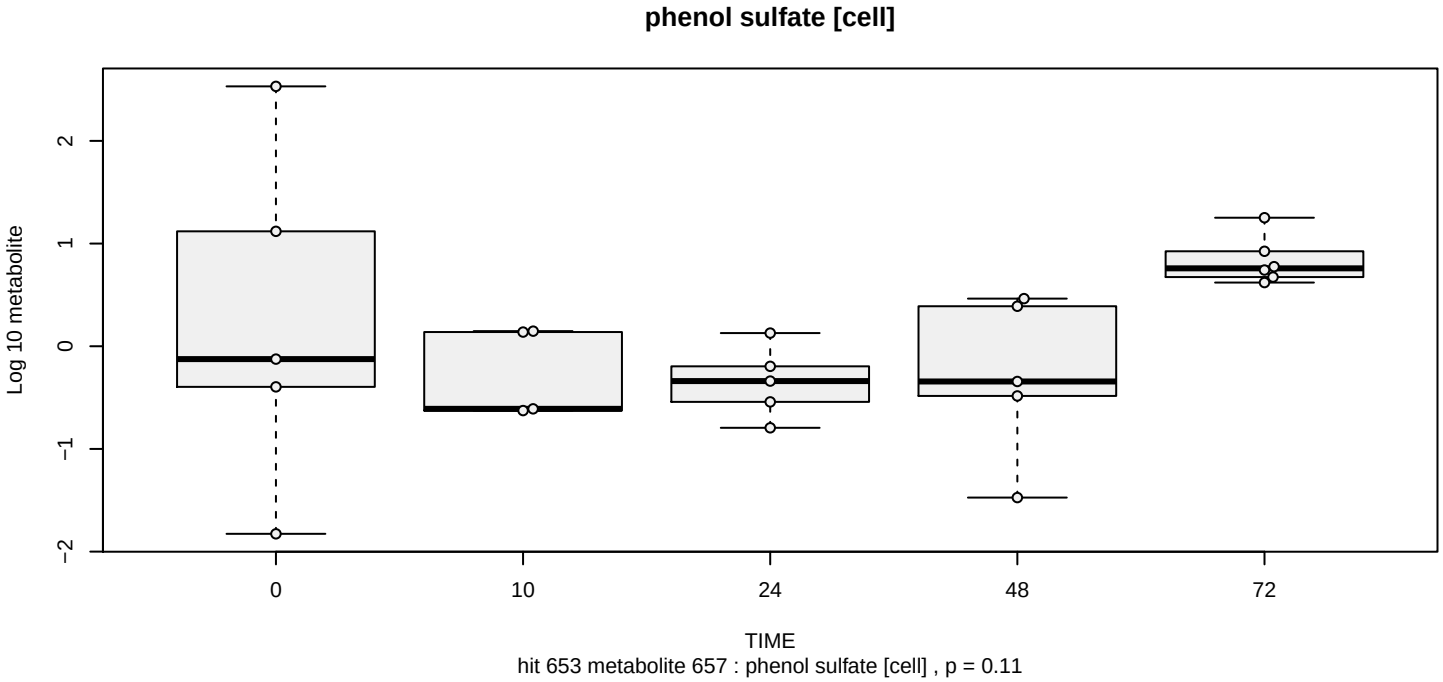
hit 650 metabolite 654 : pantothenate [cell] , p = 0.051



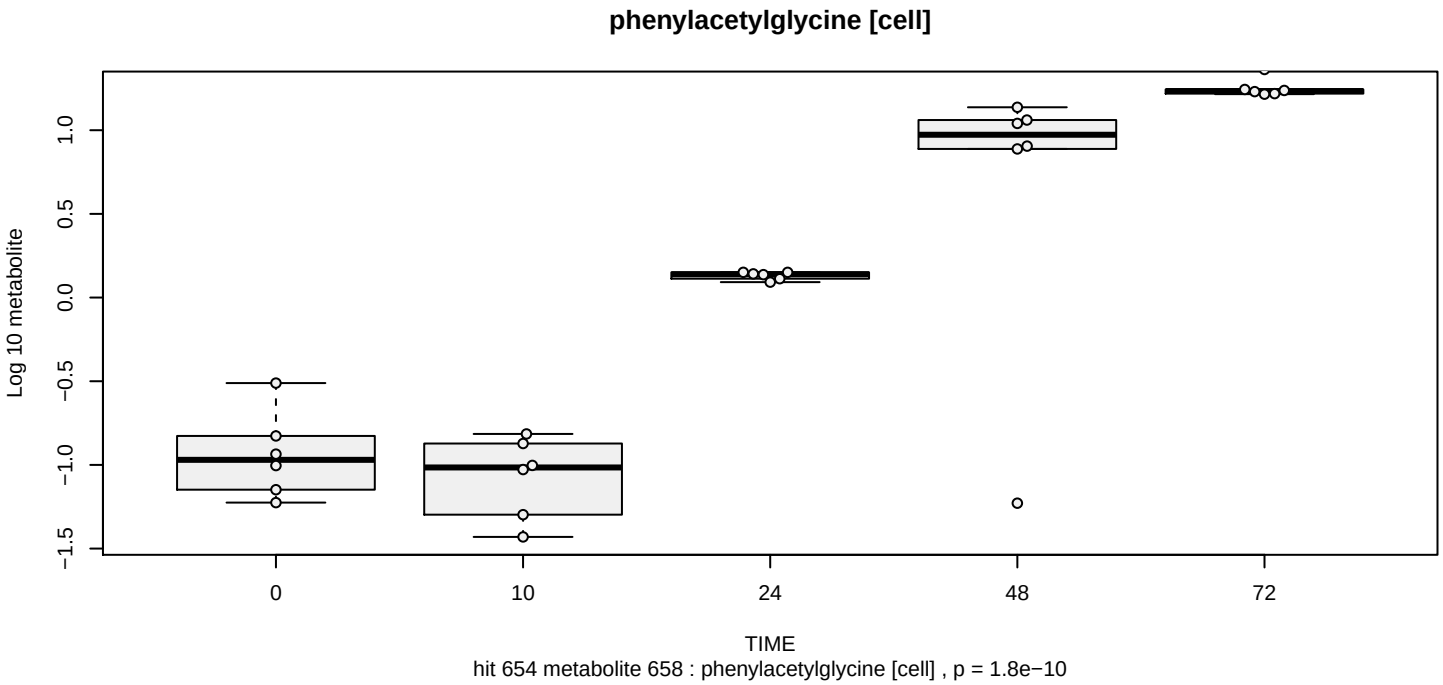
hit 651 metabolite 655 : penicillin G [cell] , p = 0.82



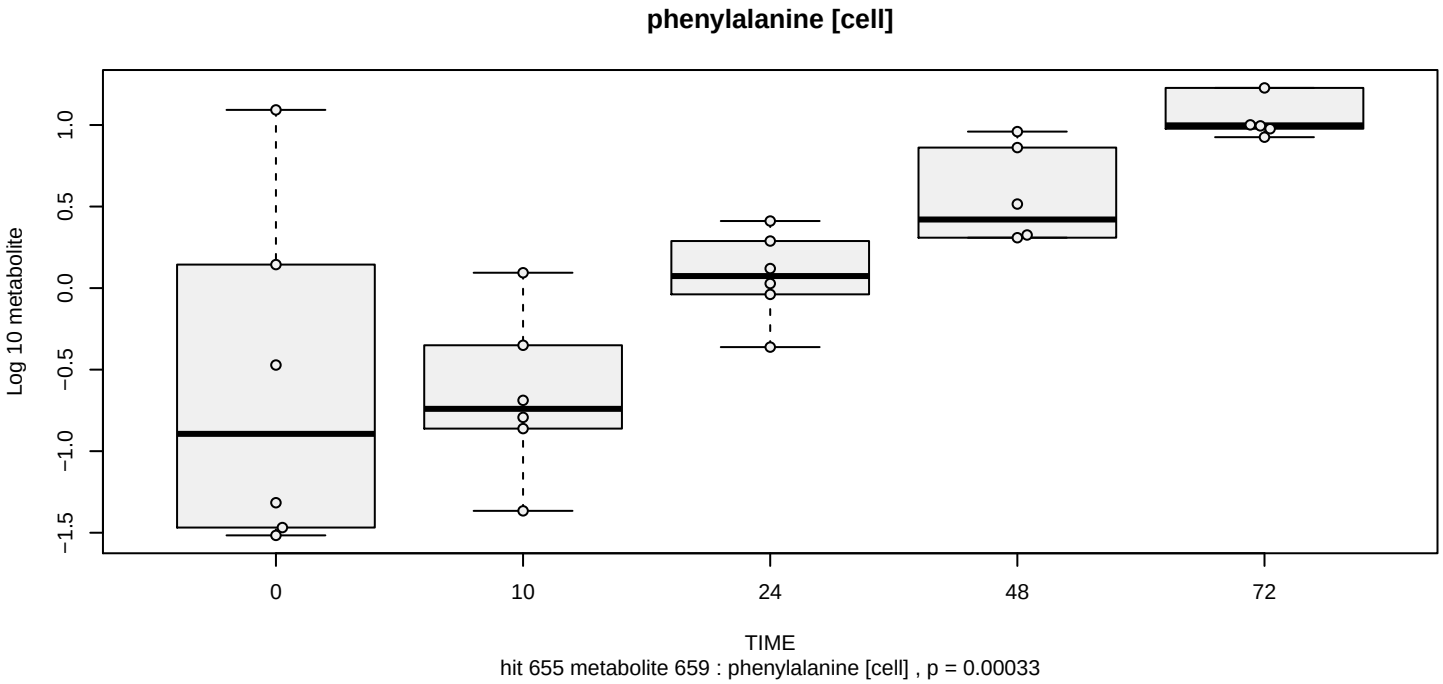
hit 652 metabolite 656 : phenol red [cell] , p = 0.61



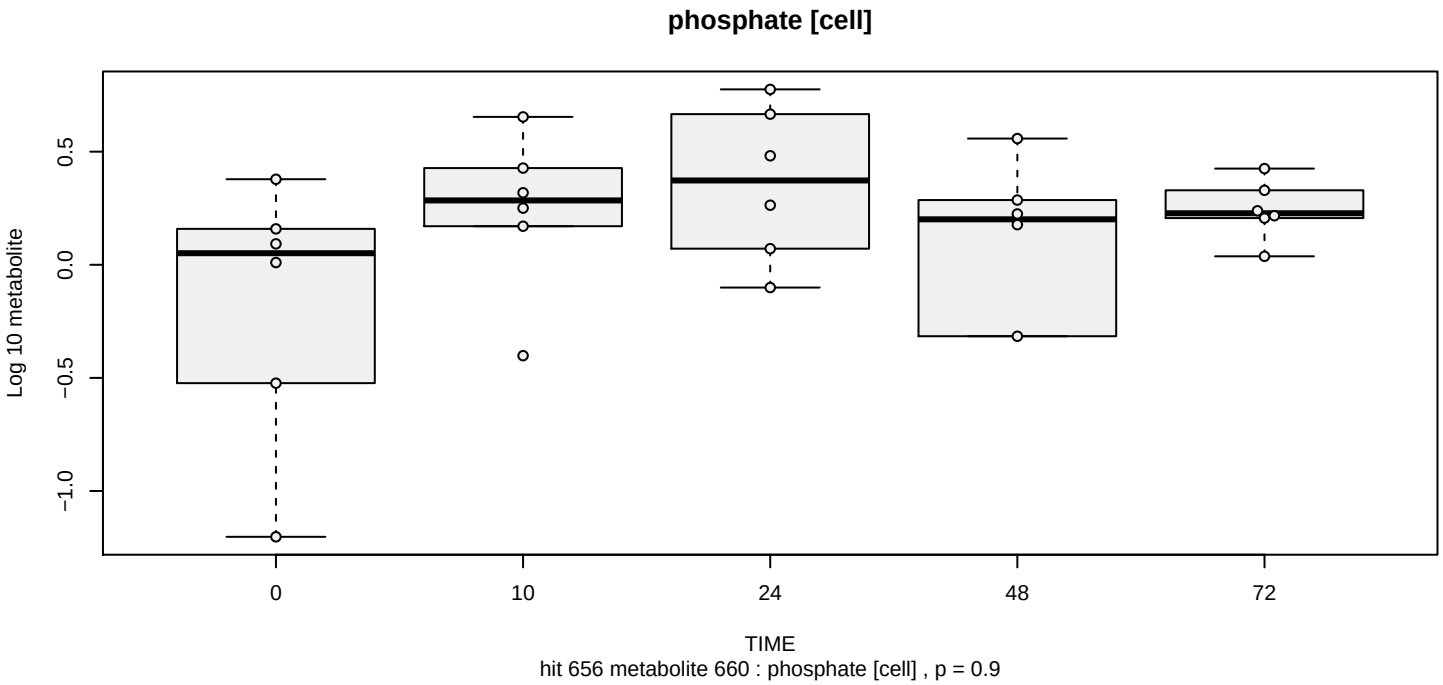
hit 653 metabolite 657 : phenol sulfate [cell] , p = 0.11



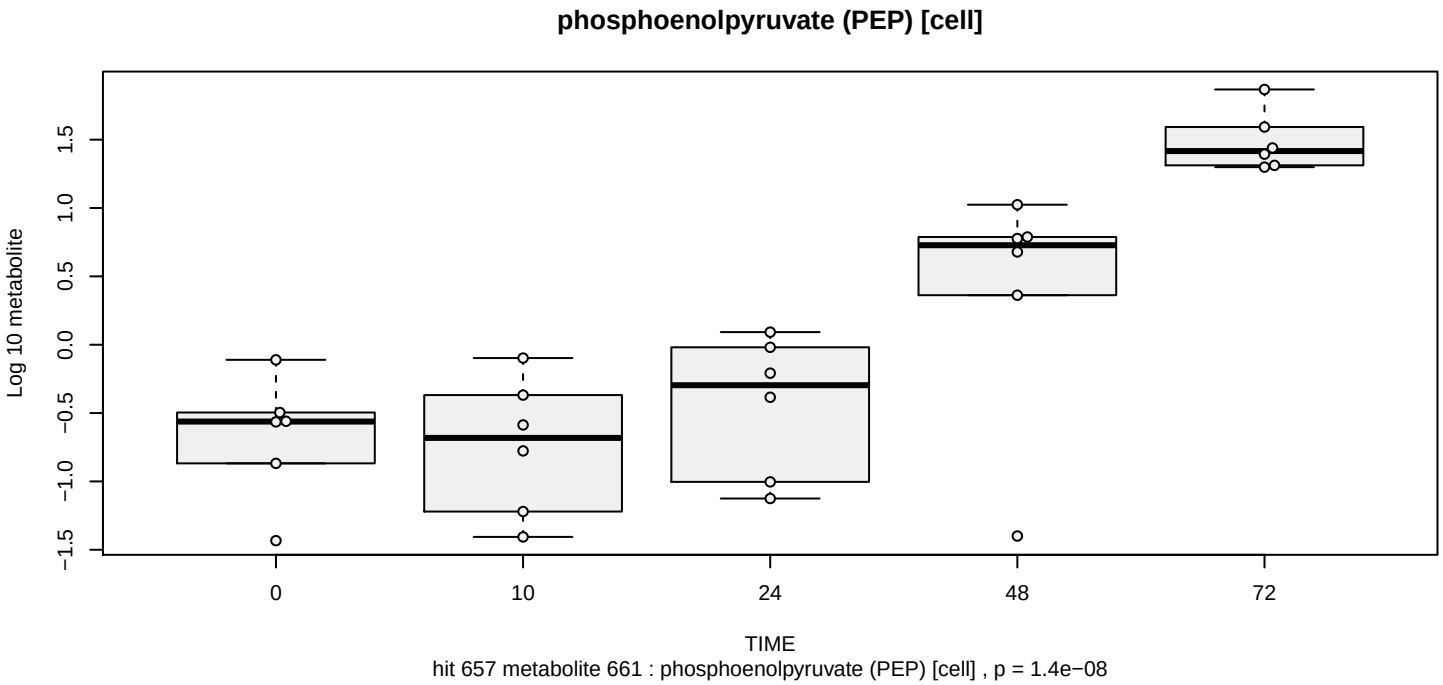
hit 654 metabolite 658 : phenylacetylglycine [cell] , p = 1.8e−10



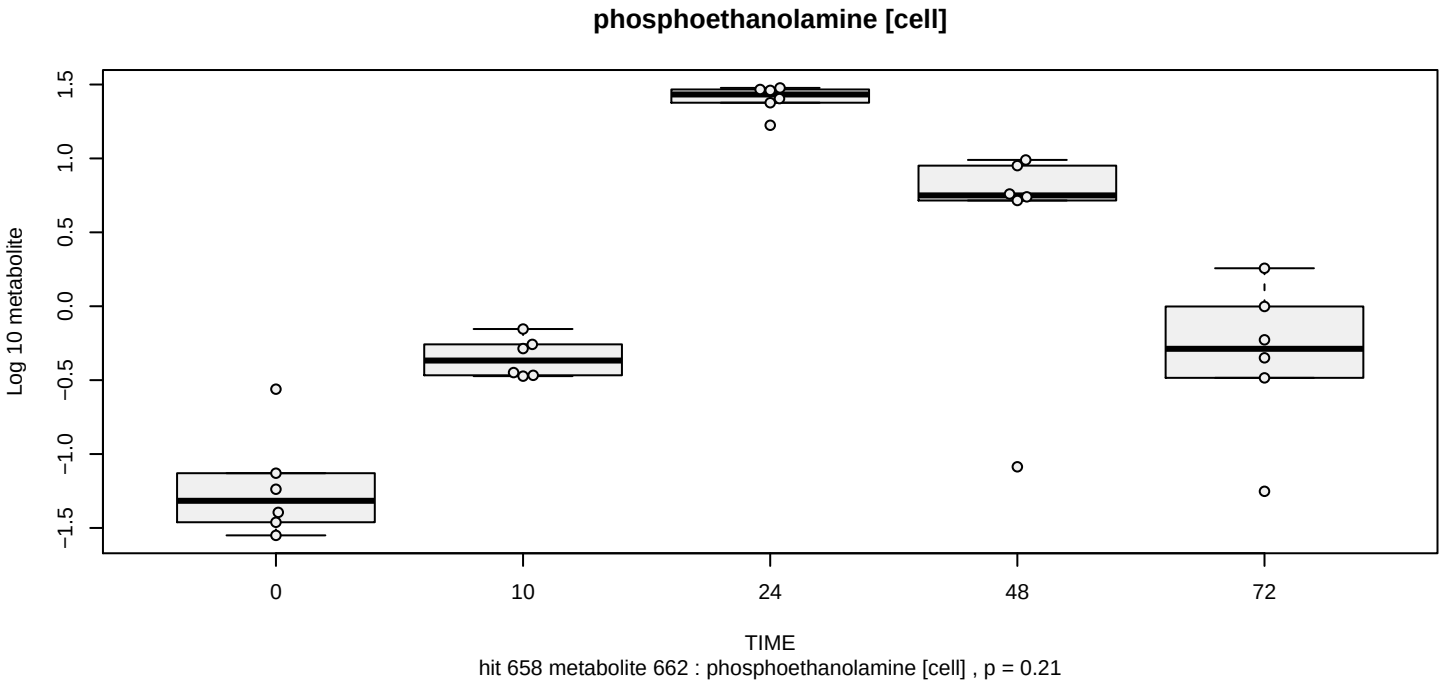
hit 655 metabolite 659 : phenylalanine [cell] , p = 0.00033



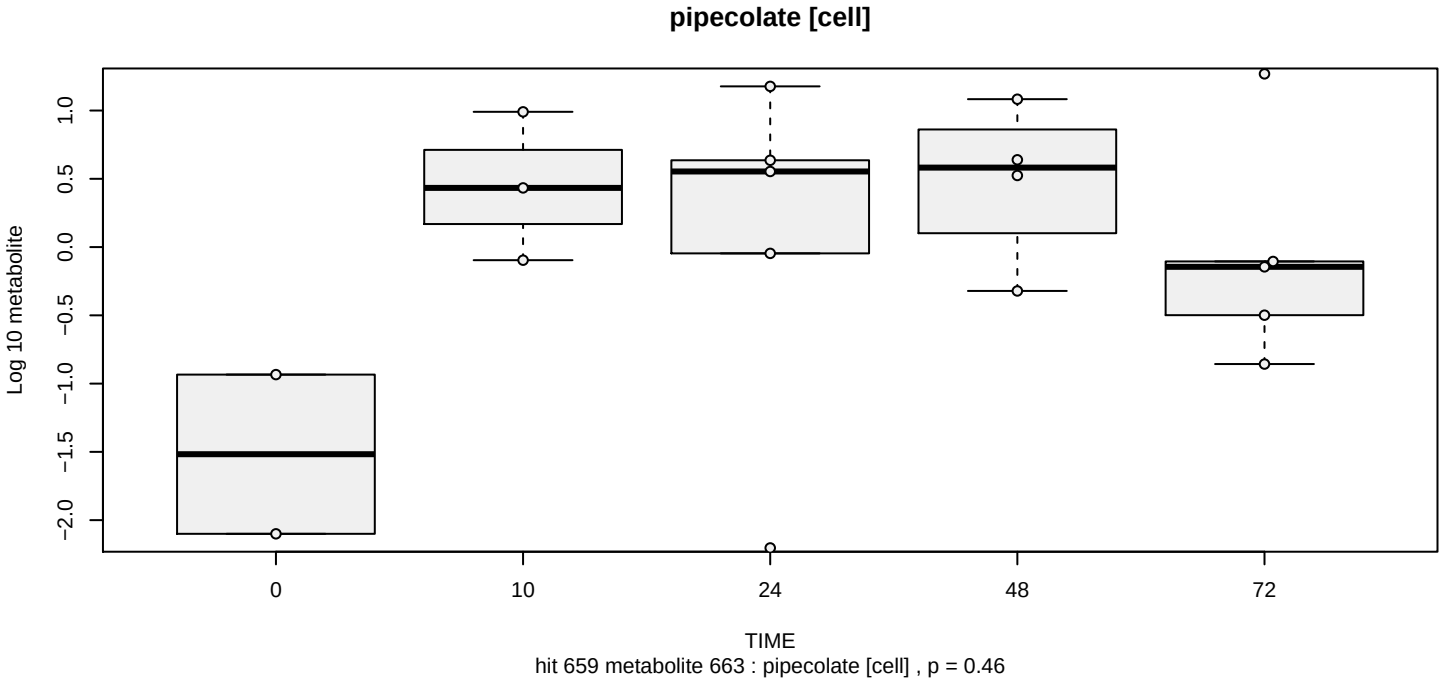
hit 656 metabolite 660 : phosphate [cell] , p = 0.9



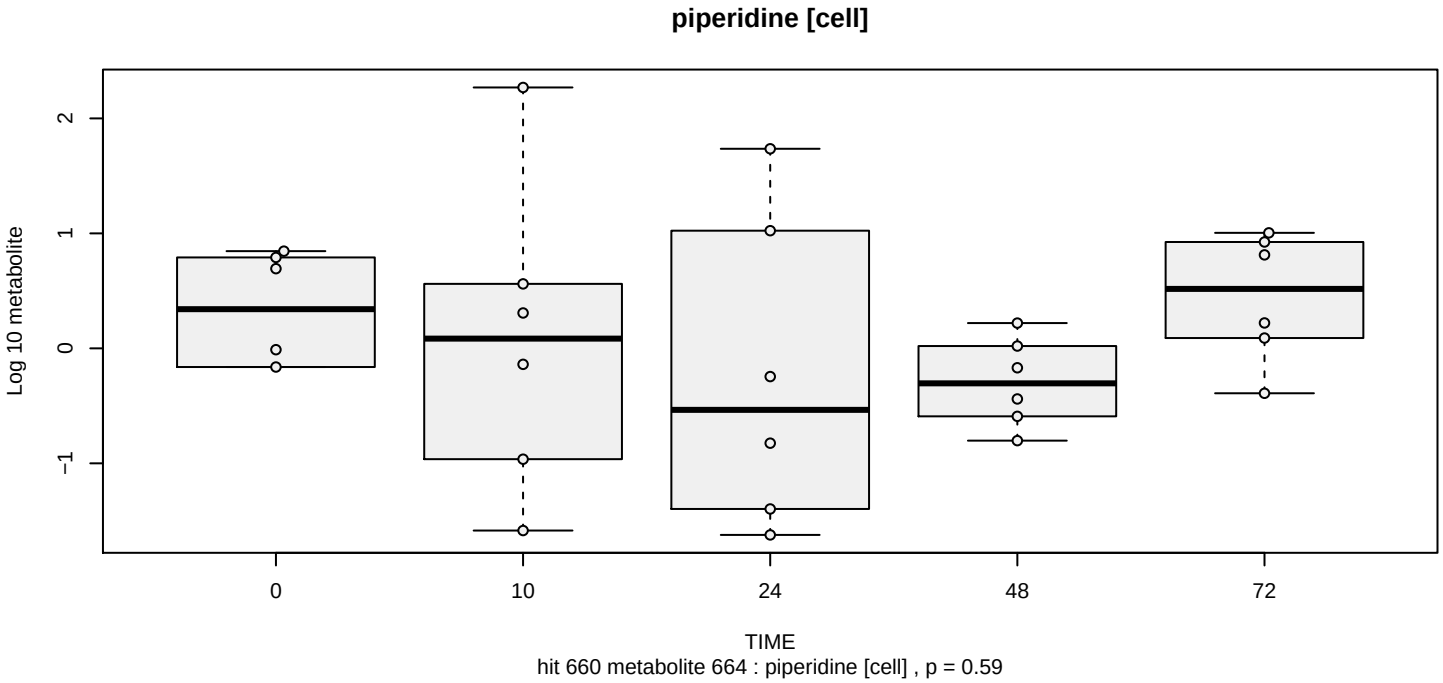
hit 657 metabolite 661 : phosphoenolpyruvate (PEP) [cell] , p = 1.4e−08



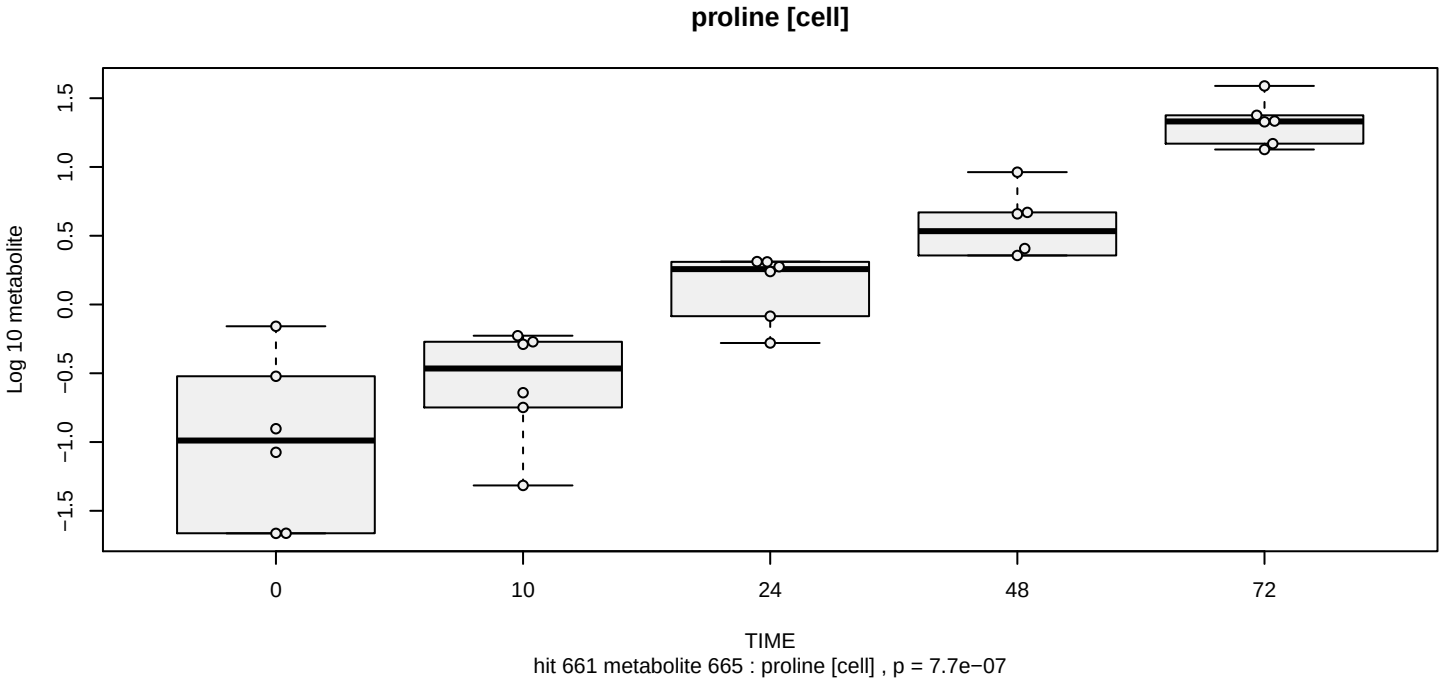
hit 658 metabolite 662 : phosphoethanolamine [cell] , p = 0.21



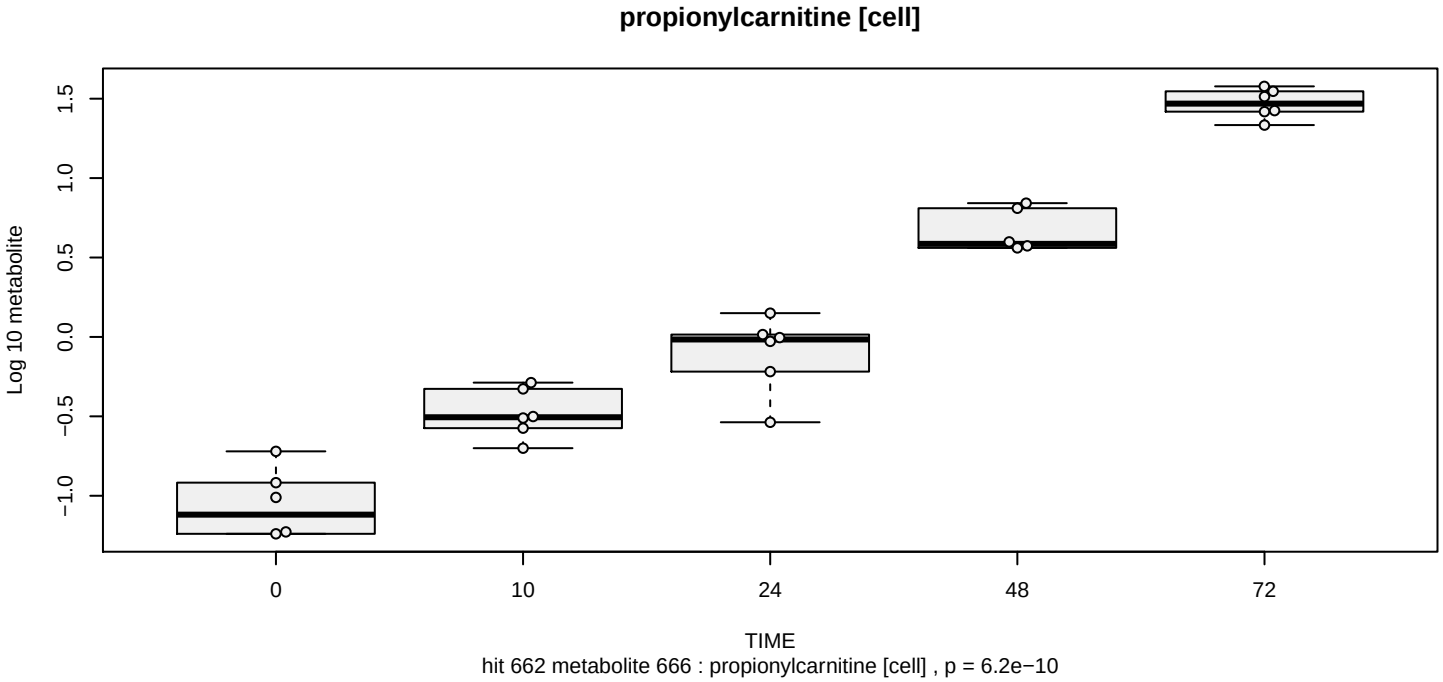
hit 659 metabolite 663 : pipecolate [cell] , p = 0.46



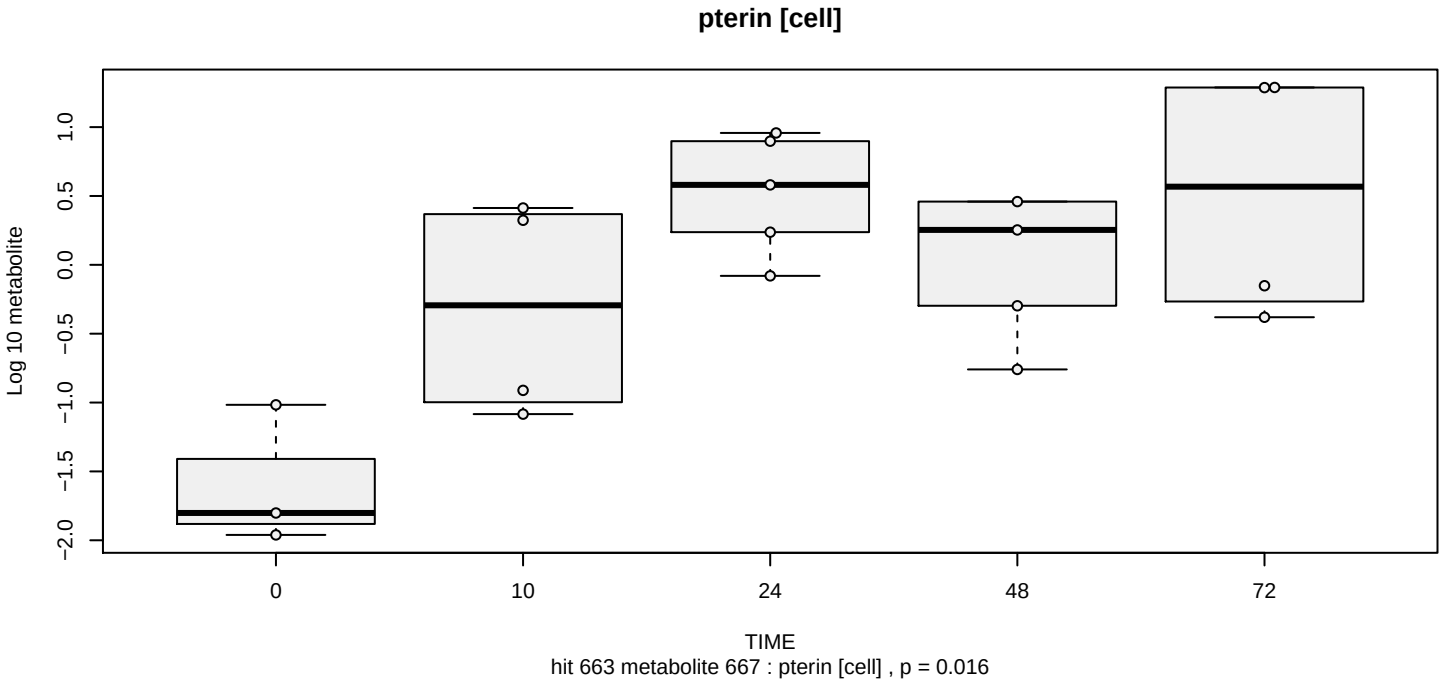
hit 660 metabolite 664 : piperidine [cell] , p = 0.59



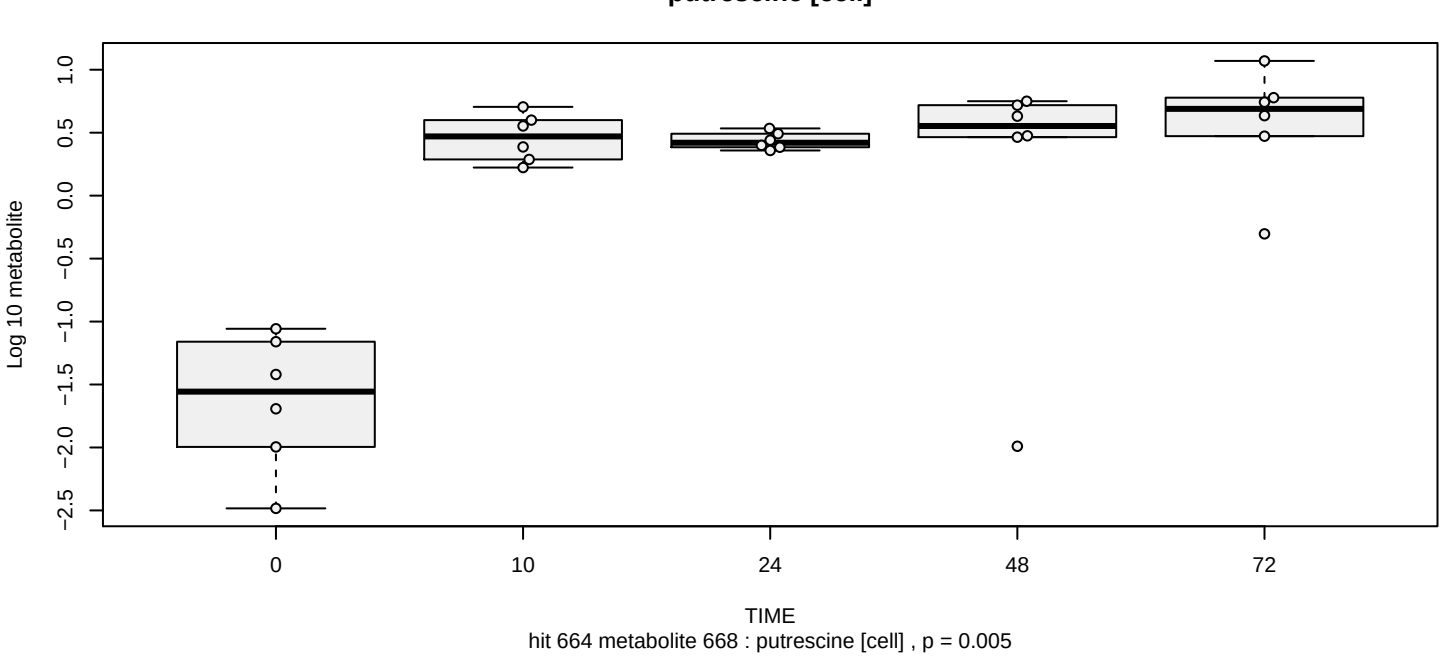
hit 661 metabolite 665 : proline [cell] , p = 7.7e−07



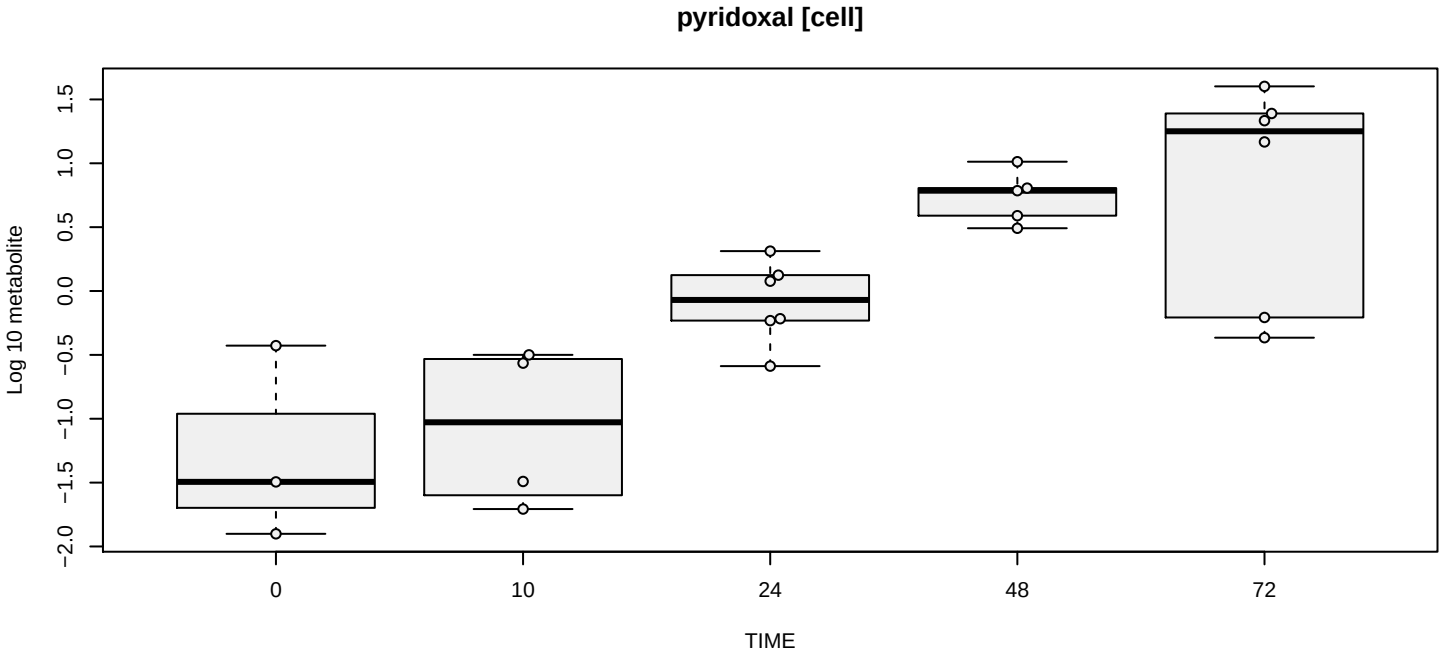
hit 662 metabolite 666 : propionylcarnitine [cell] , p = 6.2e−10



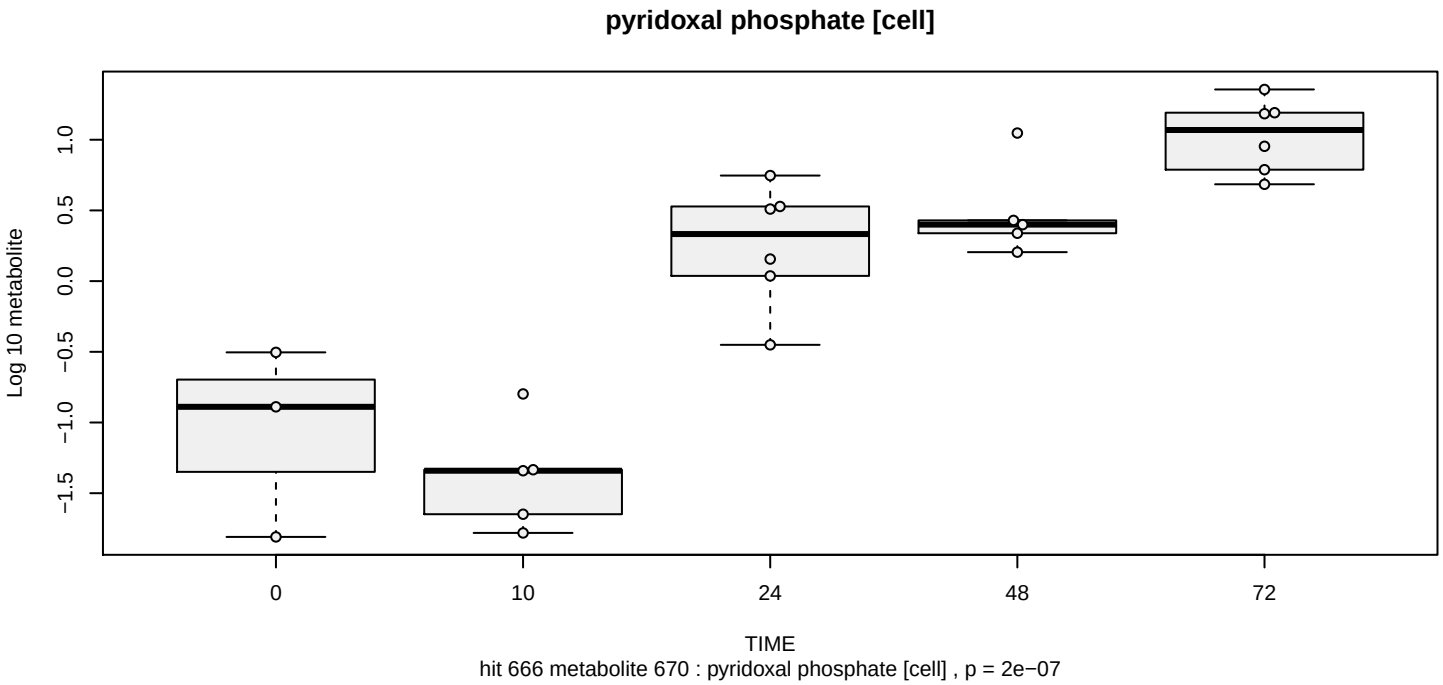
hit 663 metabolite 667 : pterin [cell] , p = 0.016



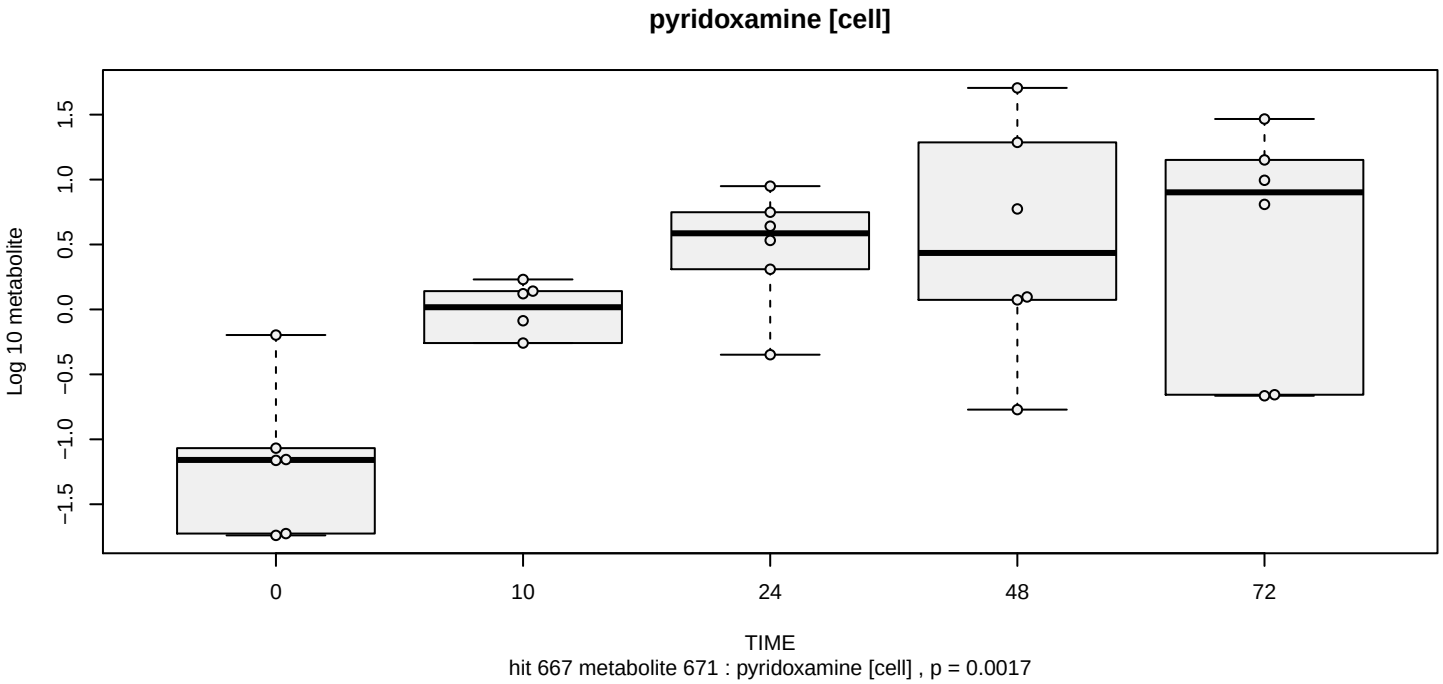
hit 664 metabolite 668 : putrescine [cell] , p = 0.005



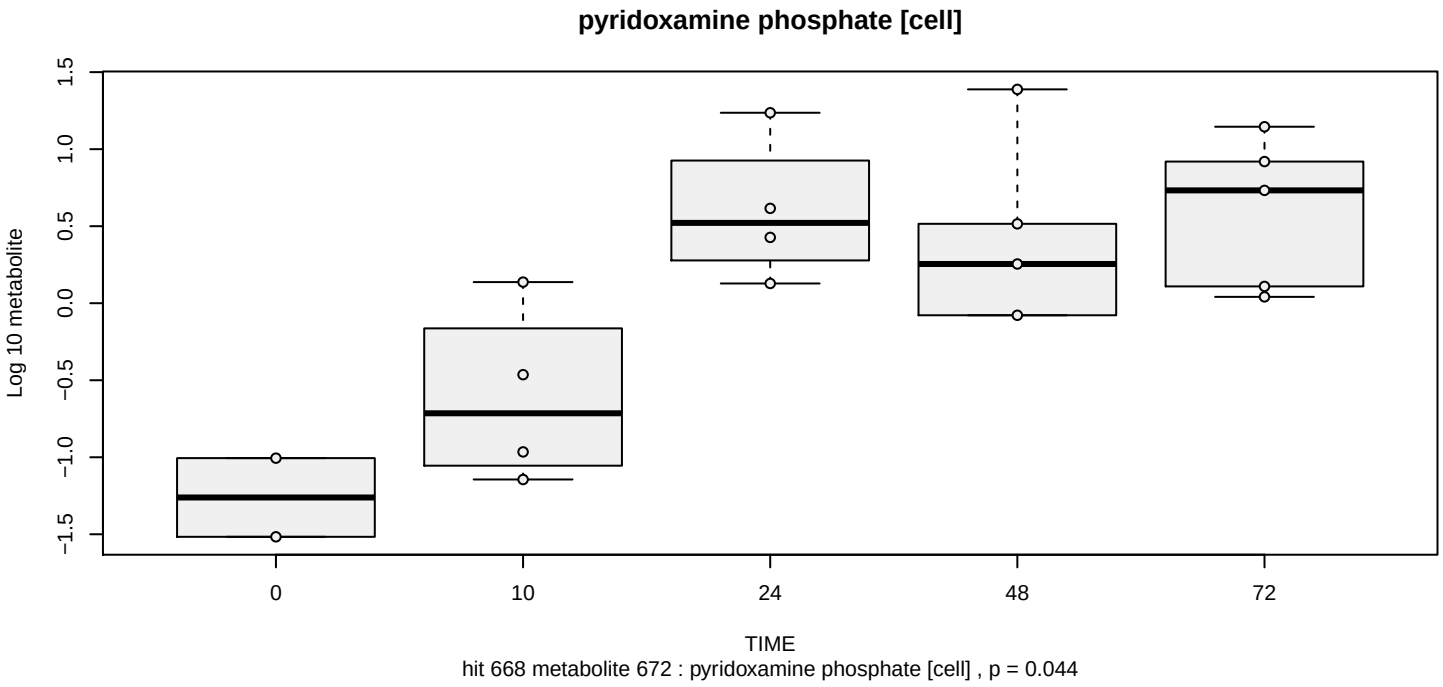
hit 665 metabolite 669 : pyridoxal [cell] , p = 5.3e−06



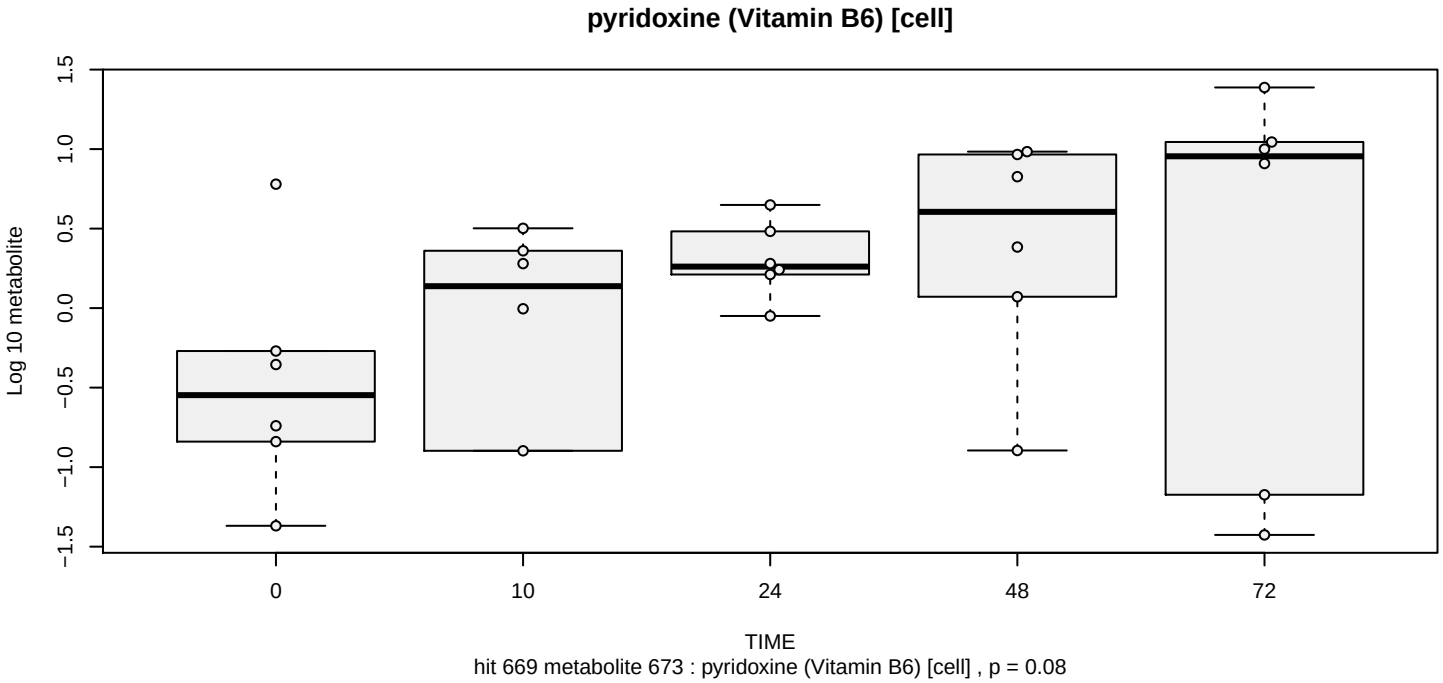
hit 666 metabolite 670 : pyridoxal phosphate [cell] , p = 2e−07



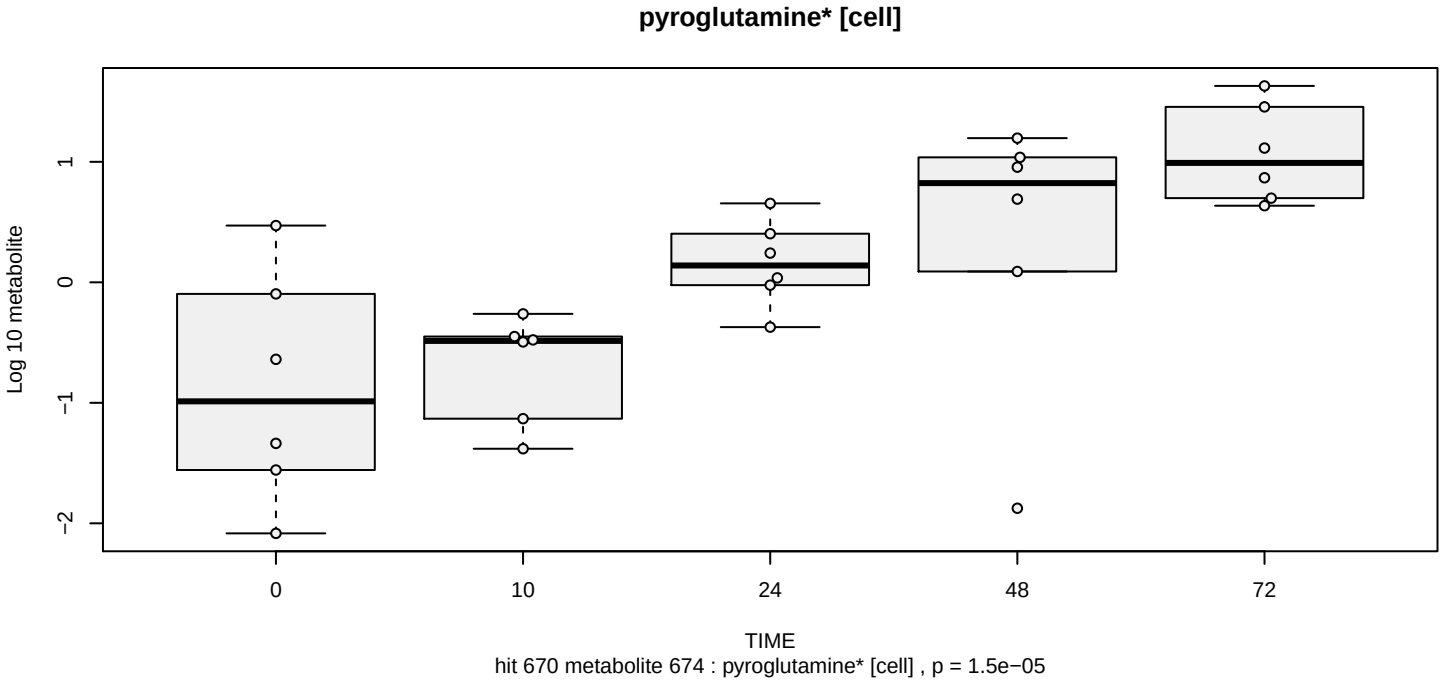
hit 667 metabolite 671 : pyridoxamine [cell] , p = 0.0017



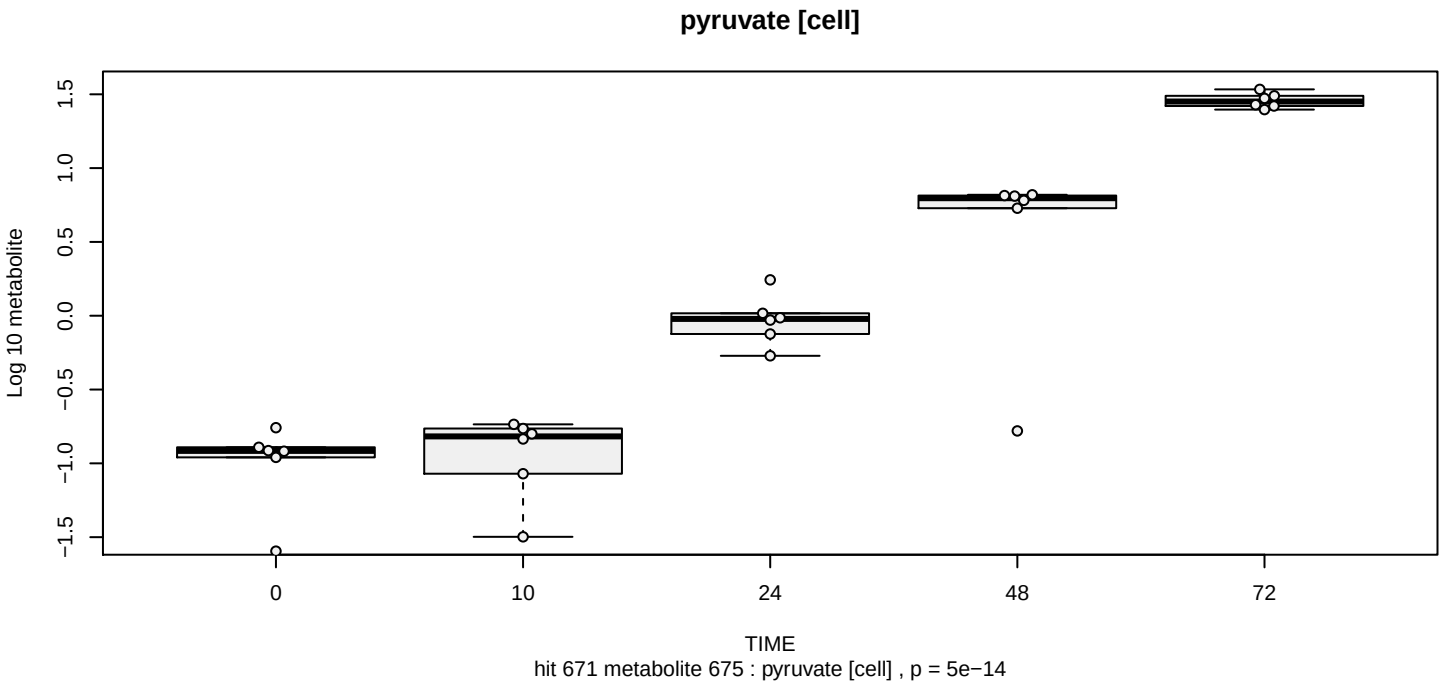
hit 668 metabolite 672 : pyridoxamine phosphate [cell] , p = 0.044



hit 669 metabolite 673 : pyridoxine (Vitamin B6) [cell] , p = 0.08

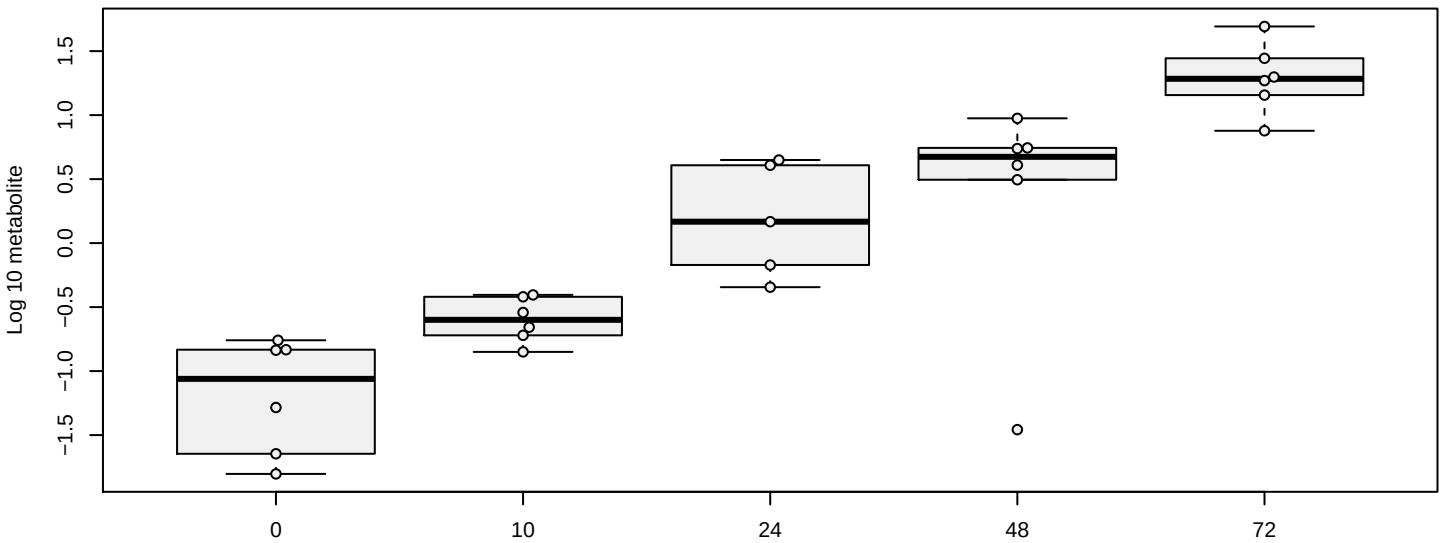


hit 670 metabolite 674 : pyroglutamine* [cell] , p = 1.5e−05



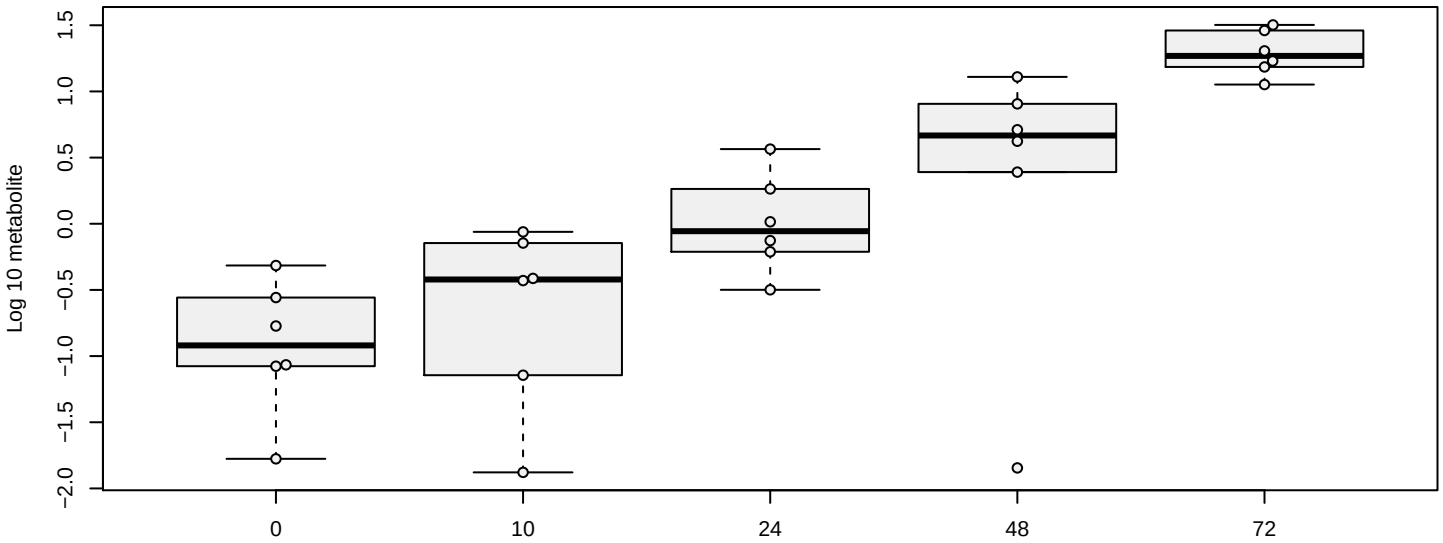
hit 671 metabolite 675 : pyruvate [cell] , p = 5e−14

ribitol [cell]



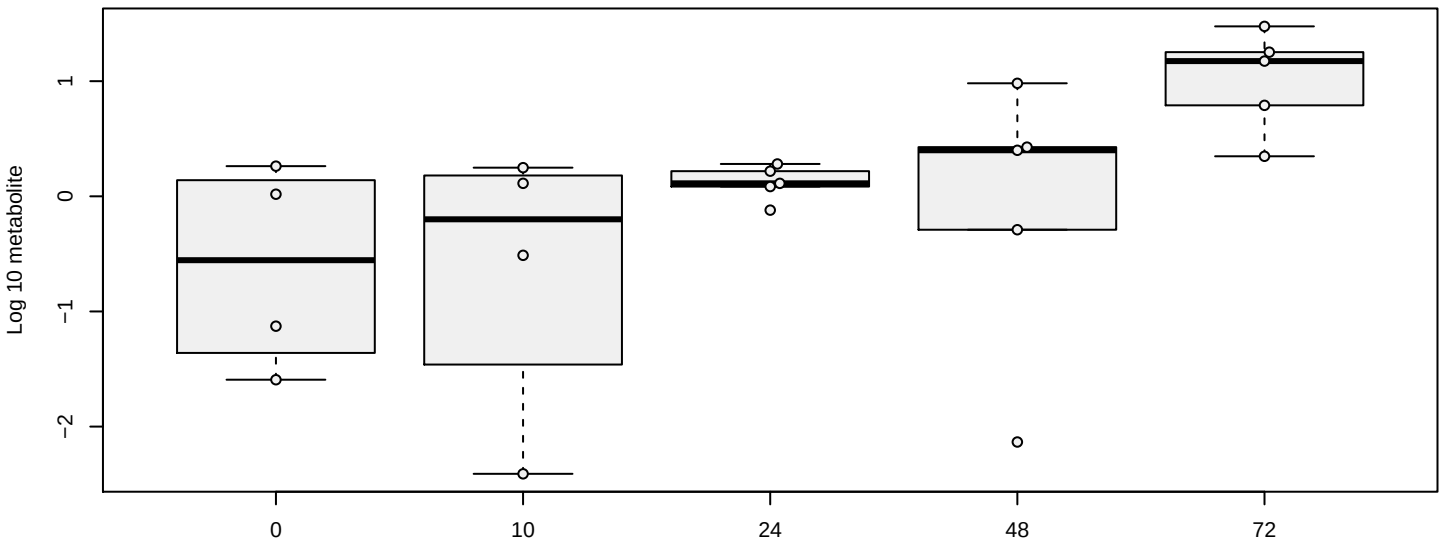
hit 672 metabolite 676 : ribitol [cell] , p = 5.1e−09

ribonate [cell]

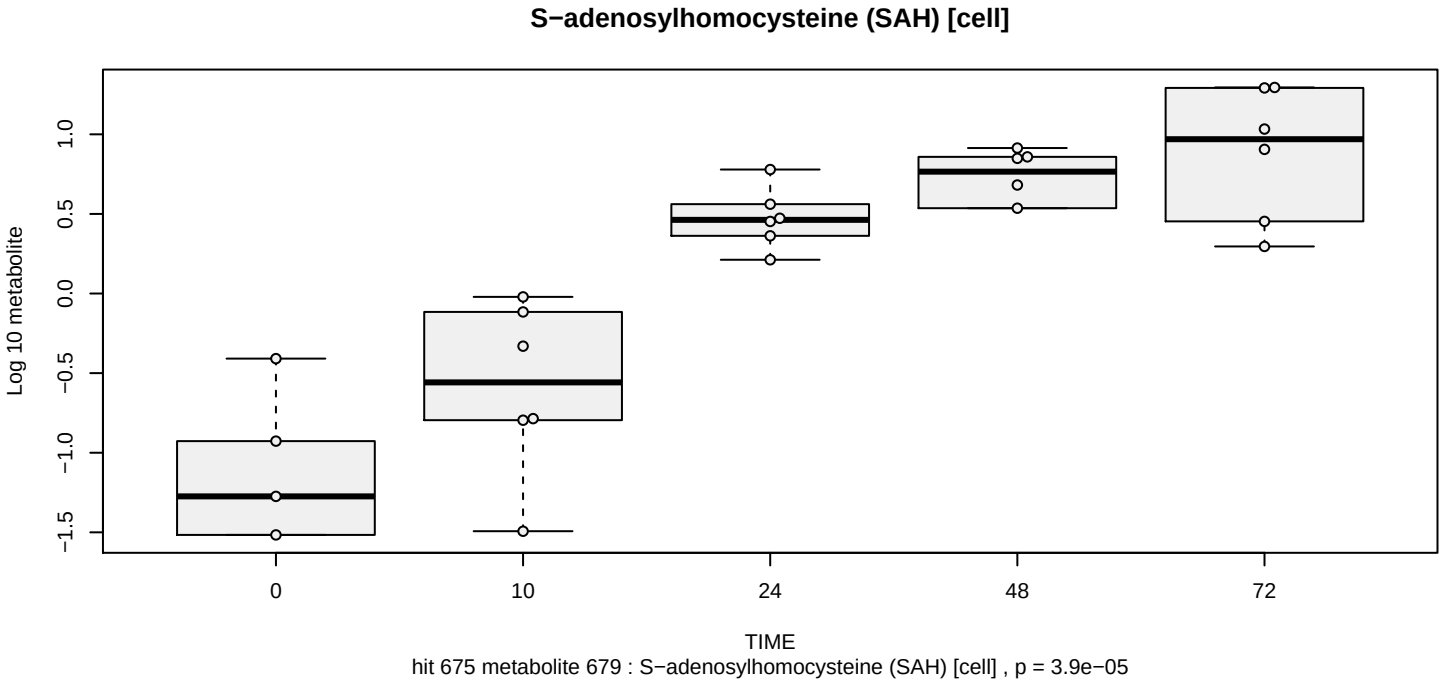


hit 673 metabolite 677 : ribonate [cell] , p = 2.4e−07

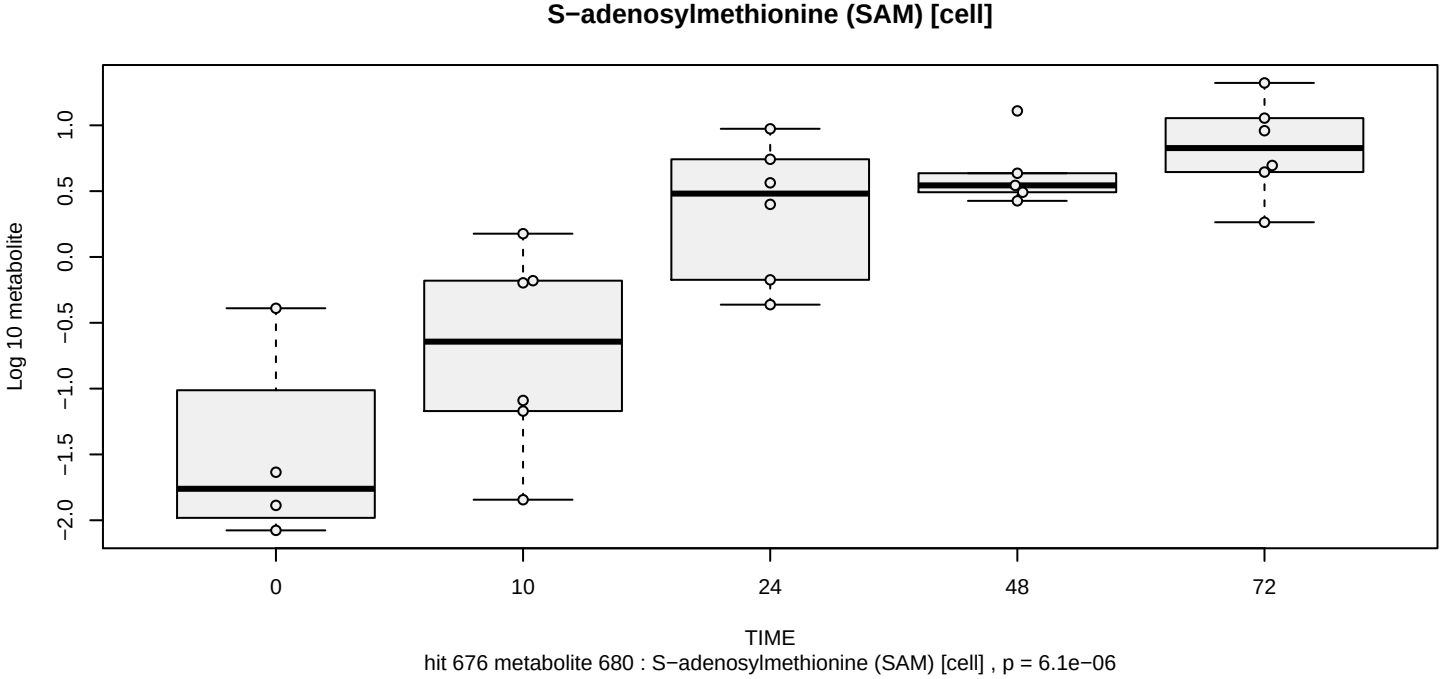
S−1−pyrroline−5−carboxylate [cell]



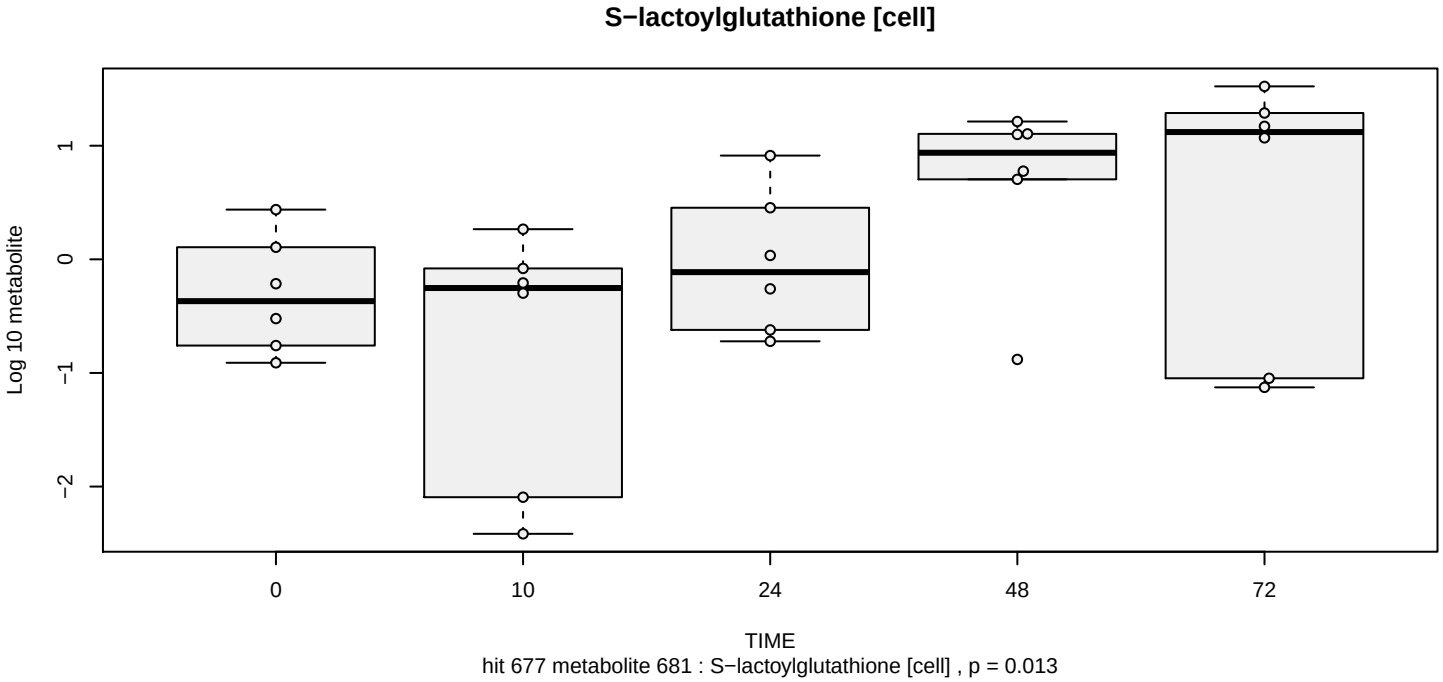
hit 674 metabolite 678 : S−1−pyrroline−5−carboxylate [cell] , p = 0.0067



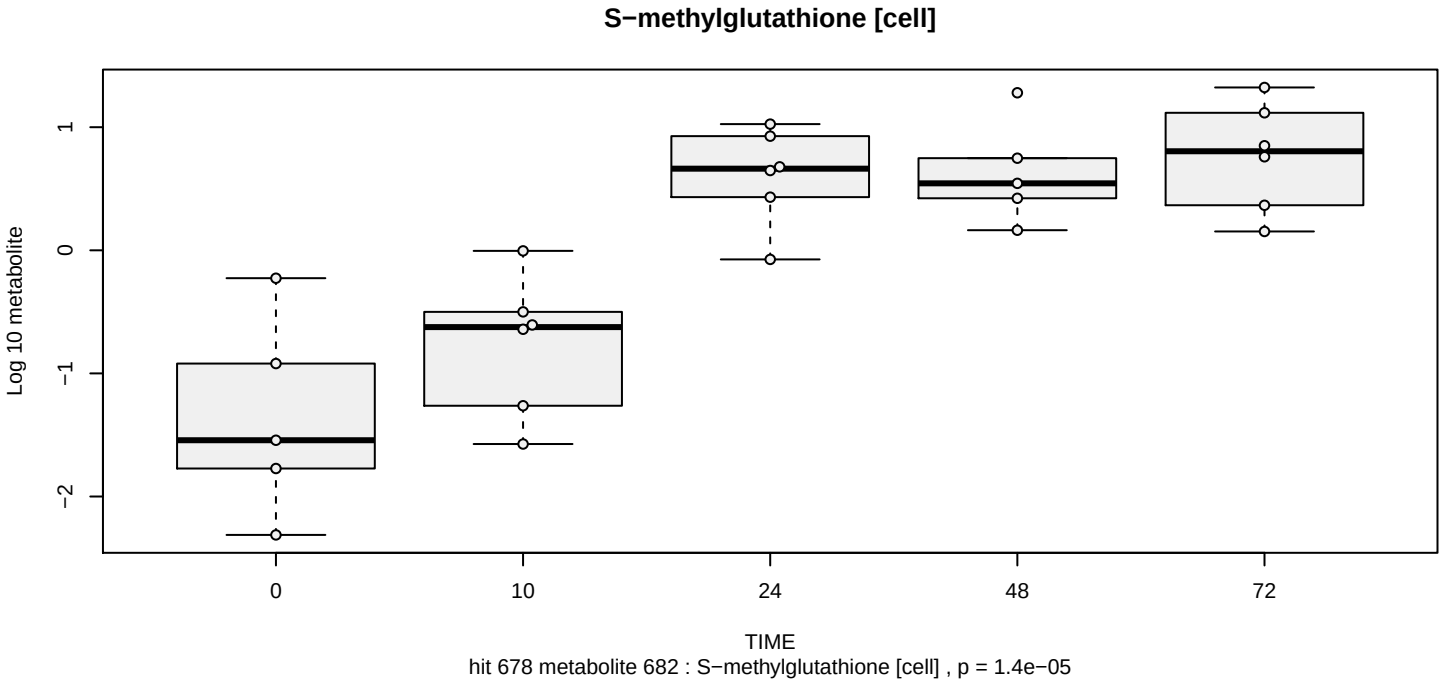
hit 675 metabolite 679 : S−adenosylhomocysteine (SAH) [cell] , p = 3.9e−05



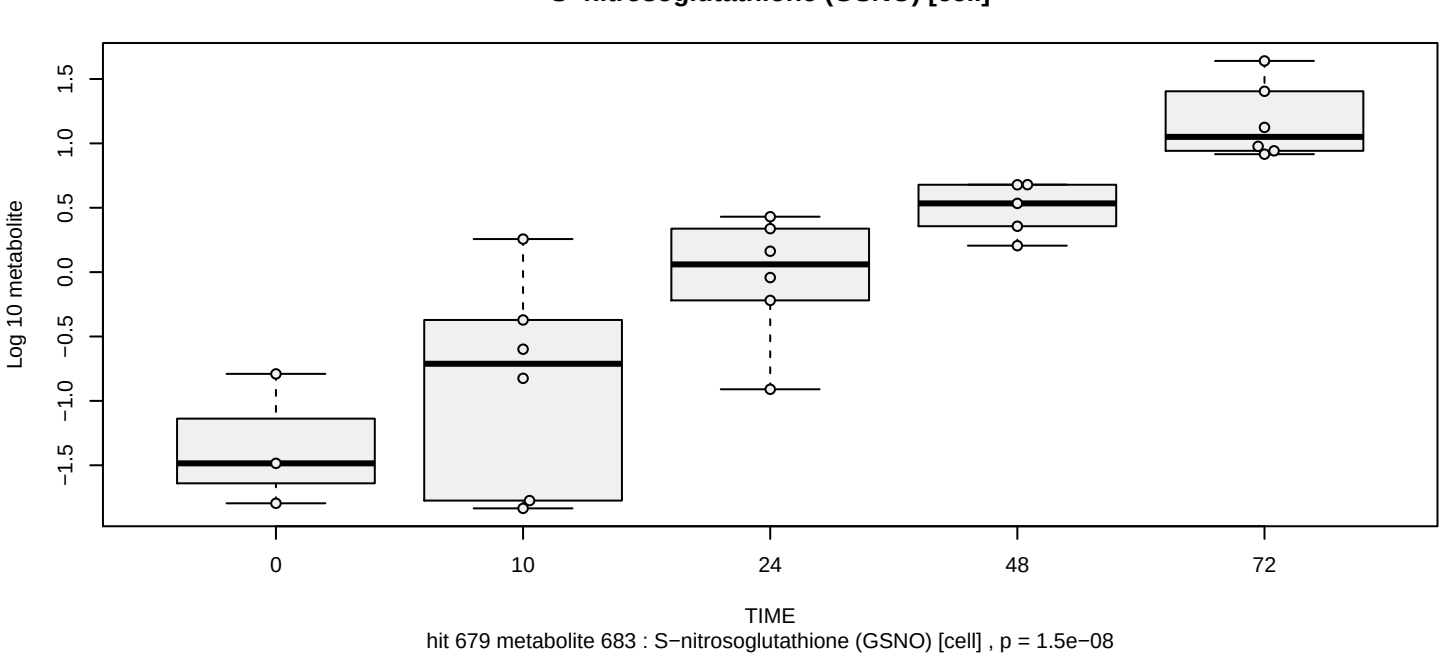
hit 676 metabolite 680 : S−adenosylmethionine (SAM) [cell] , p = 6.1e−06



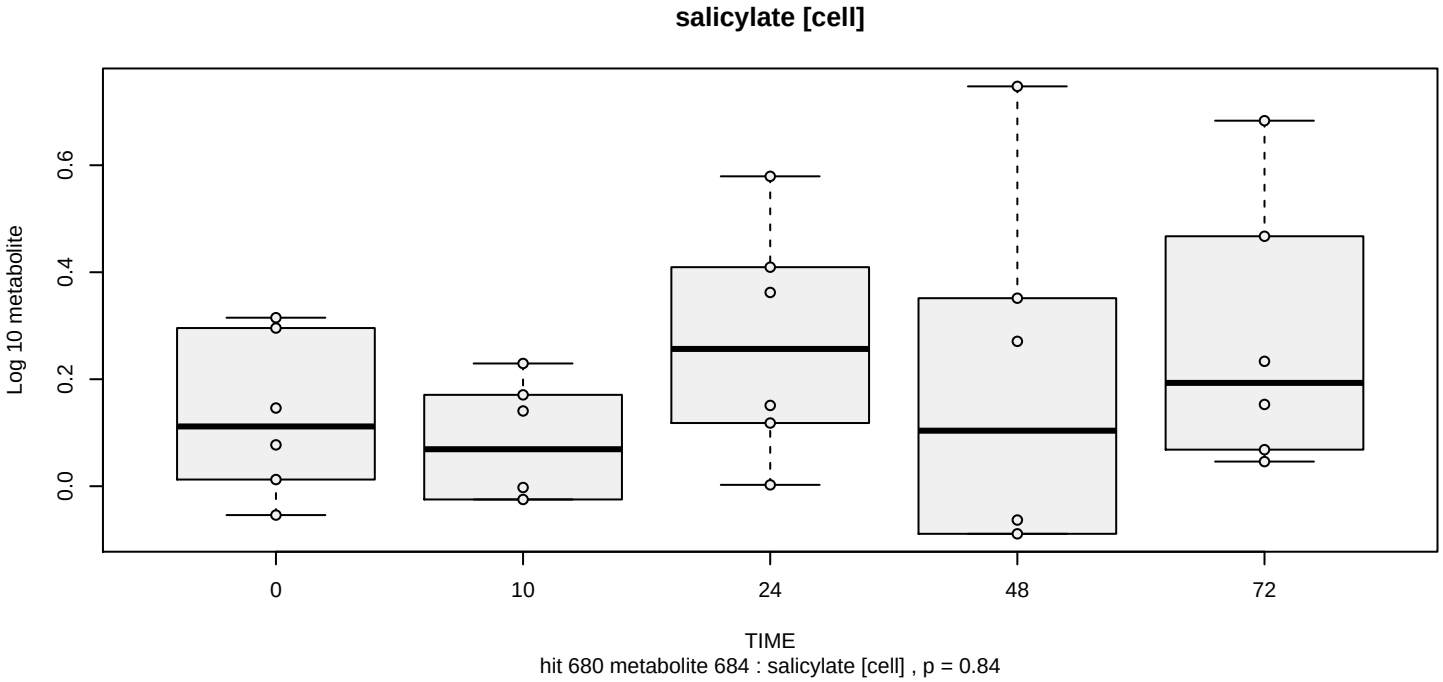
hit 677 metabolite 681 : S−lactoylglutathione [cell] , p = 0.013



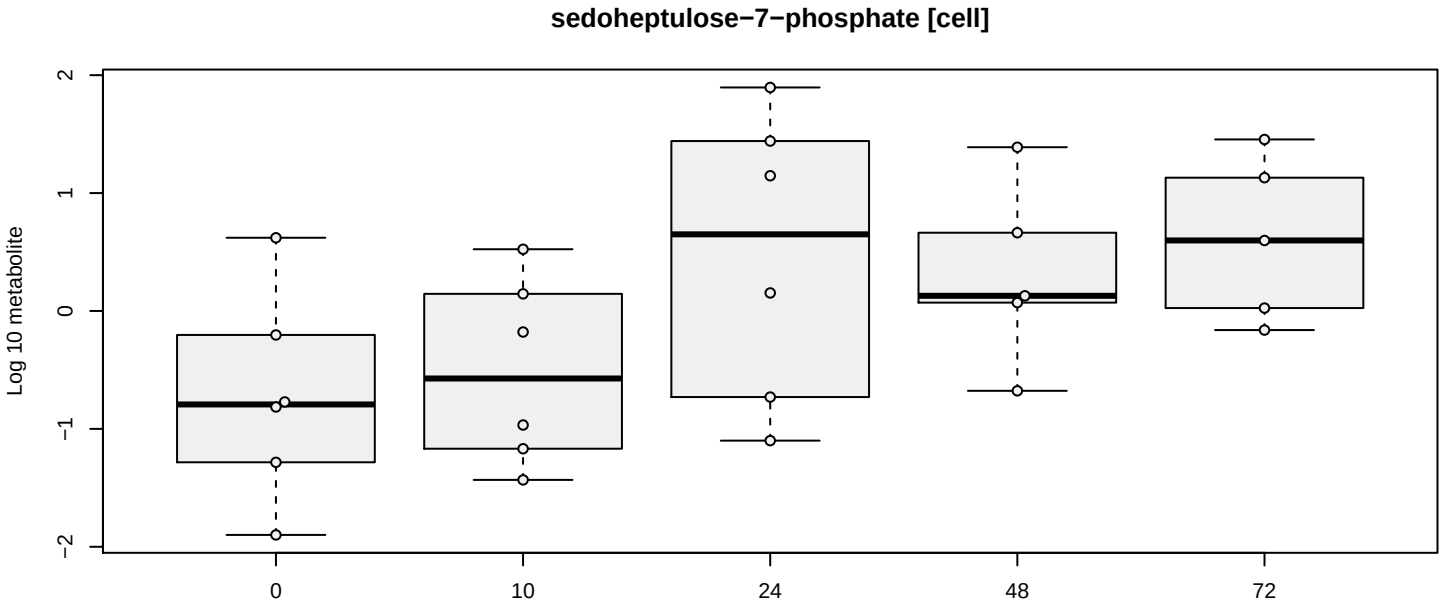
hit 678 metabolite 682 : S−methylglutathione [cell] , p = 1.4e−05



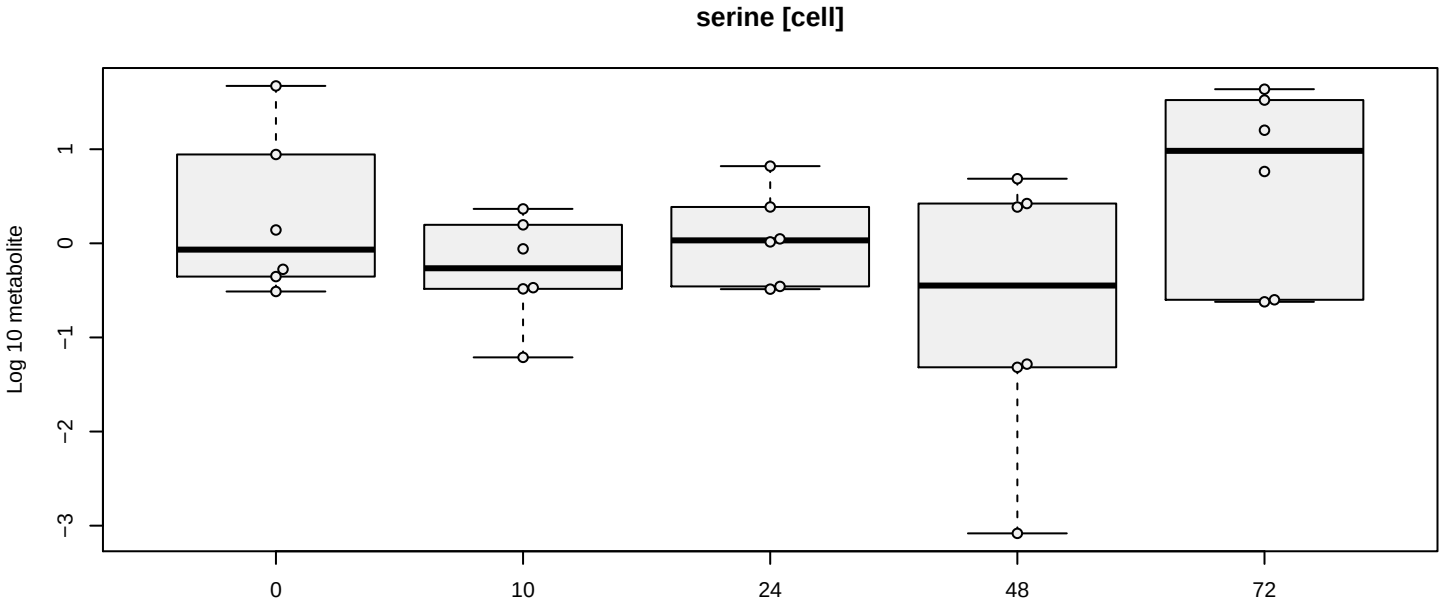
hit 679 metabolite 683 : S−nitrosoglutathione (GSNO) [cell] , p = 1.5e−08



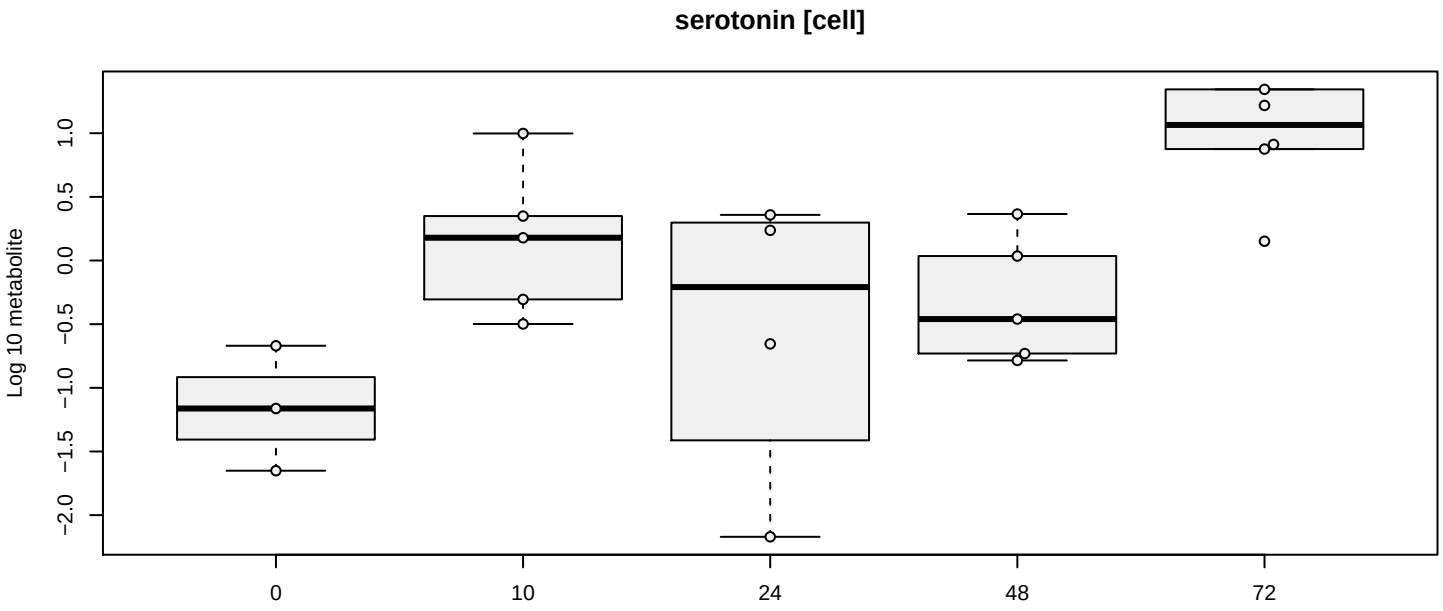
hit 680 metabolite 684 : salicylate [cell] , p = 0.84



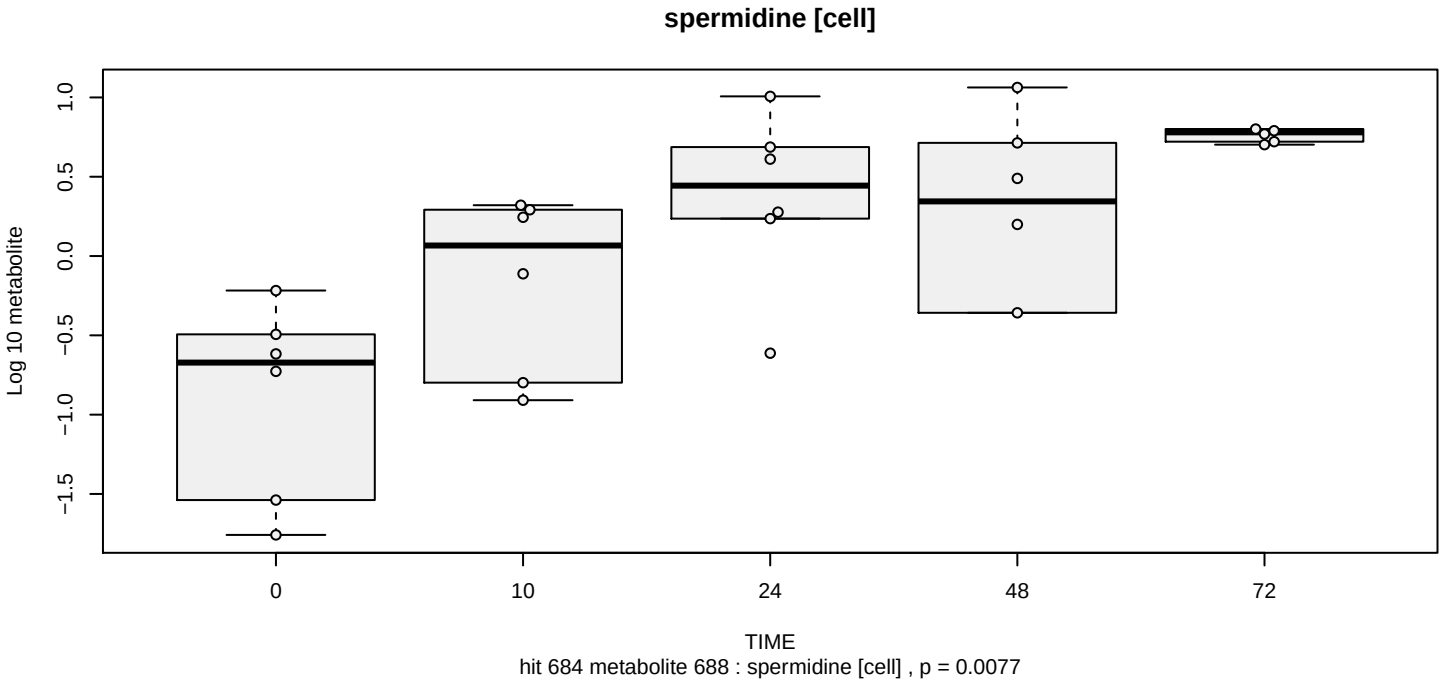
hit 681 metabolite 685 : sedoheptulose−7−phosphate [cell] , p = 0.012



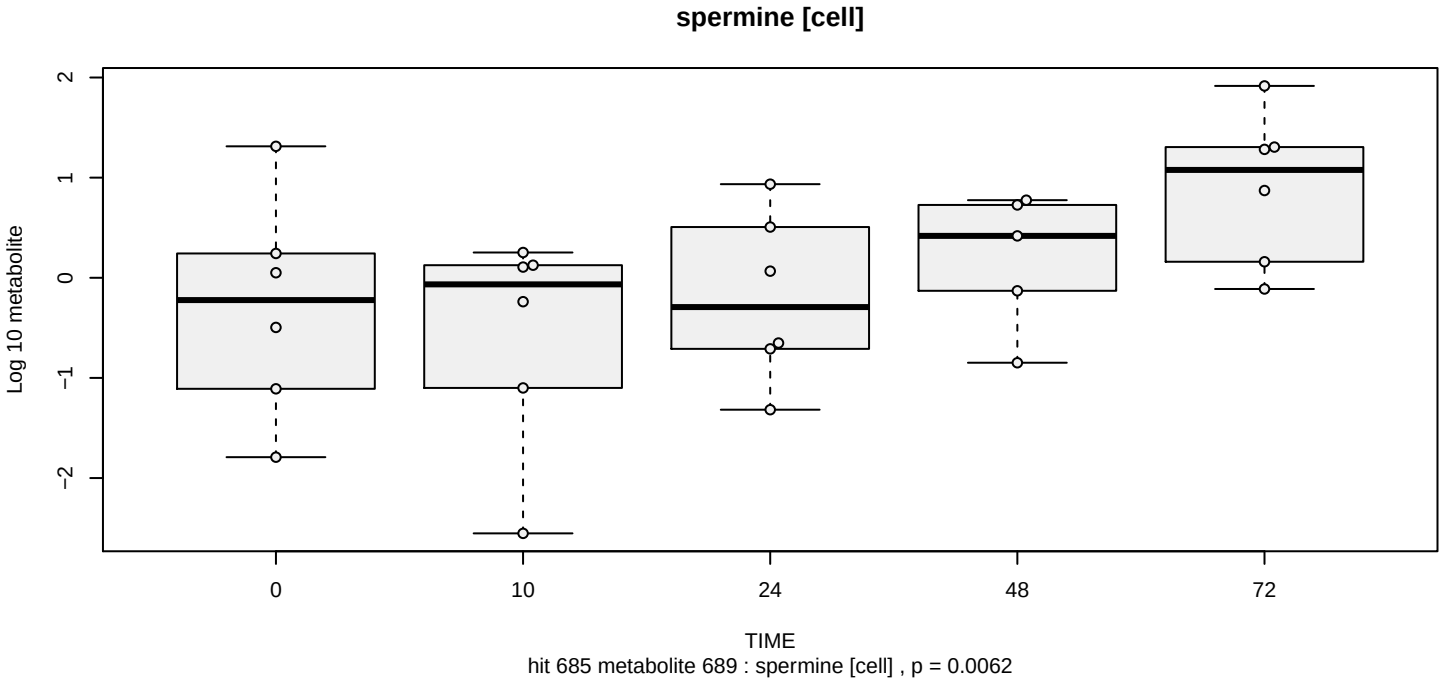
hit 682 metabolite 686 : serine [cell] , p = 0.63



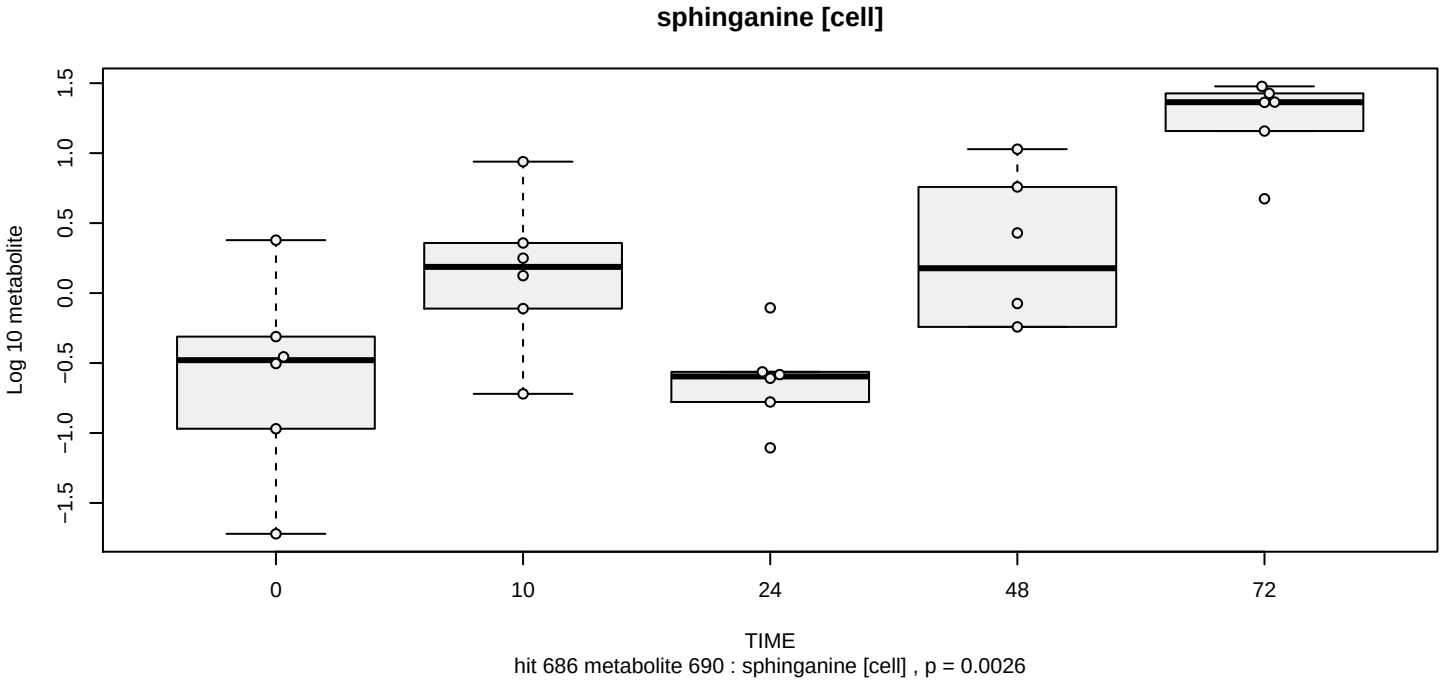
hit 683 metabolite 687 : serotonin [cell] , p = 0.0034



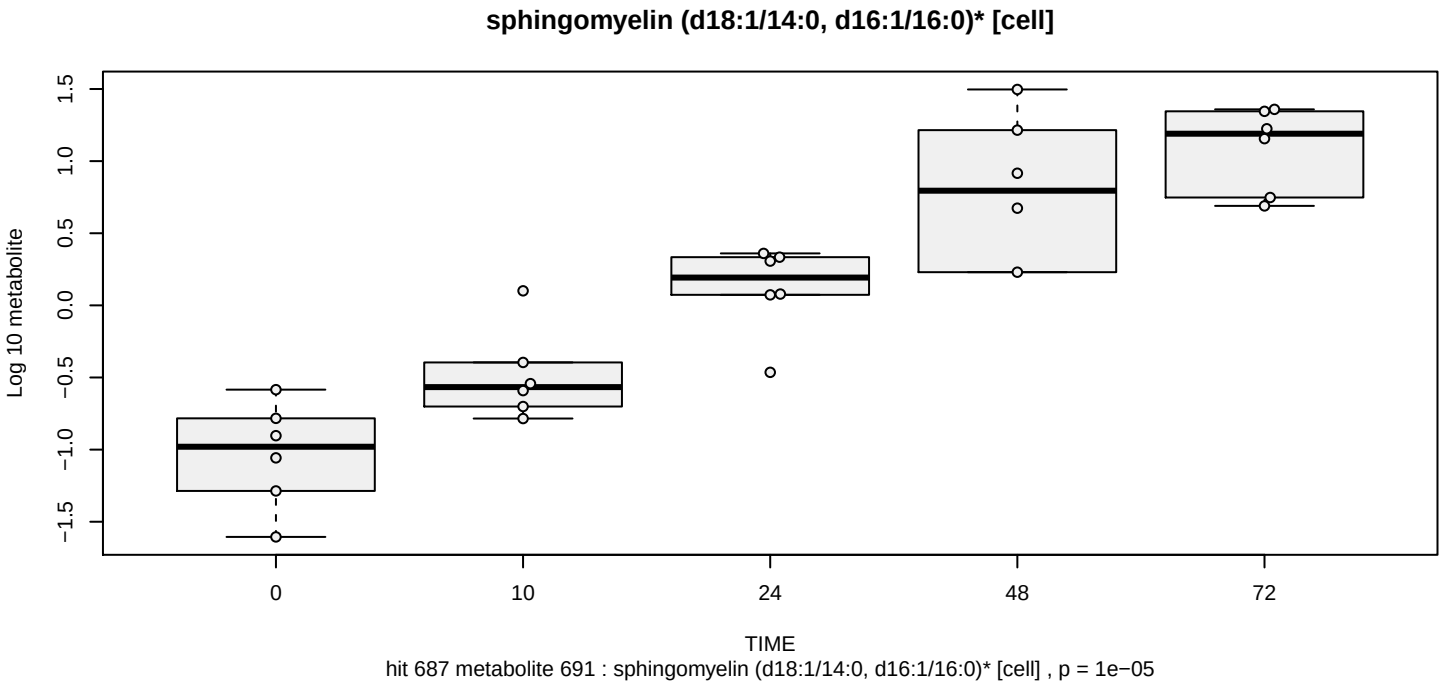
hit 684 metabolite 688 : spermidine [cell] , p = 0.0077



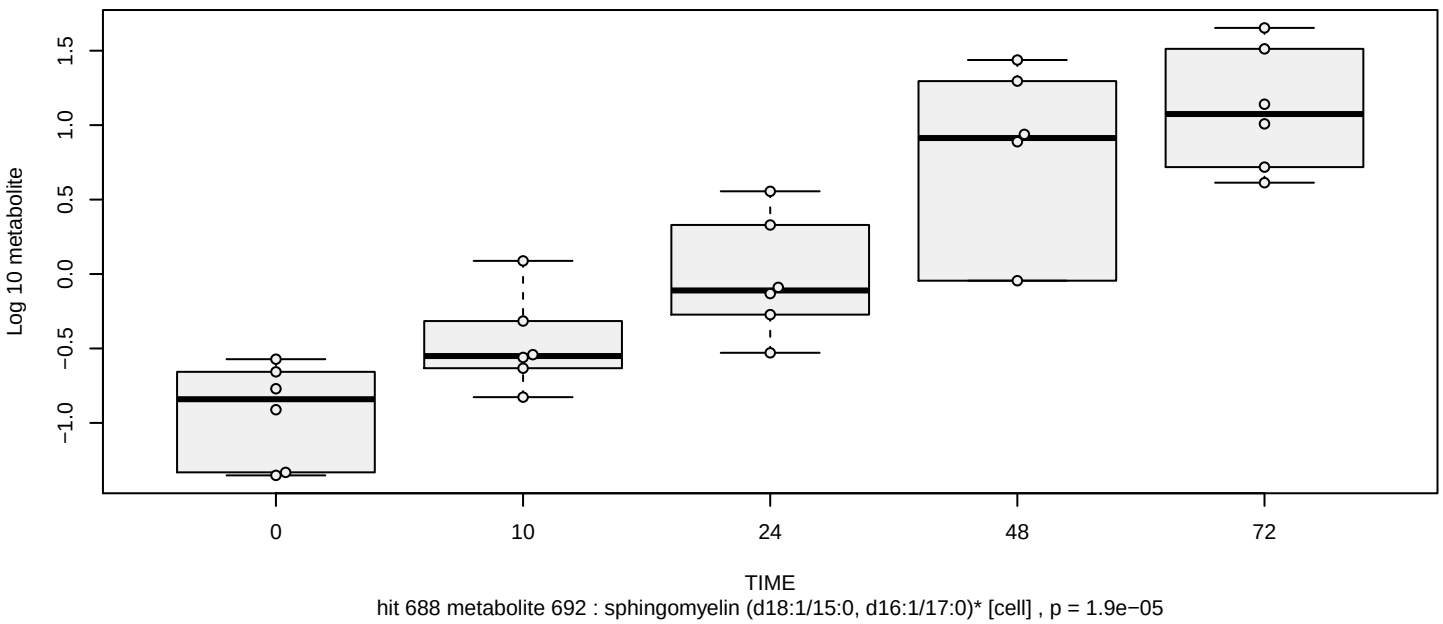
hit 685 metabolite 689 : spermine [cell] , p = 0.0062



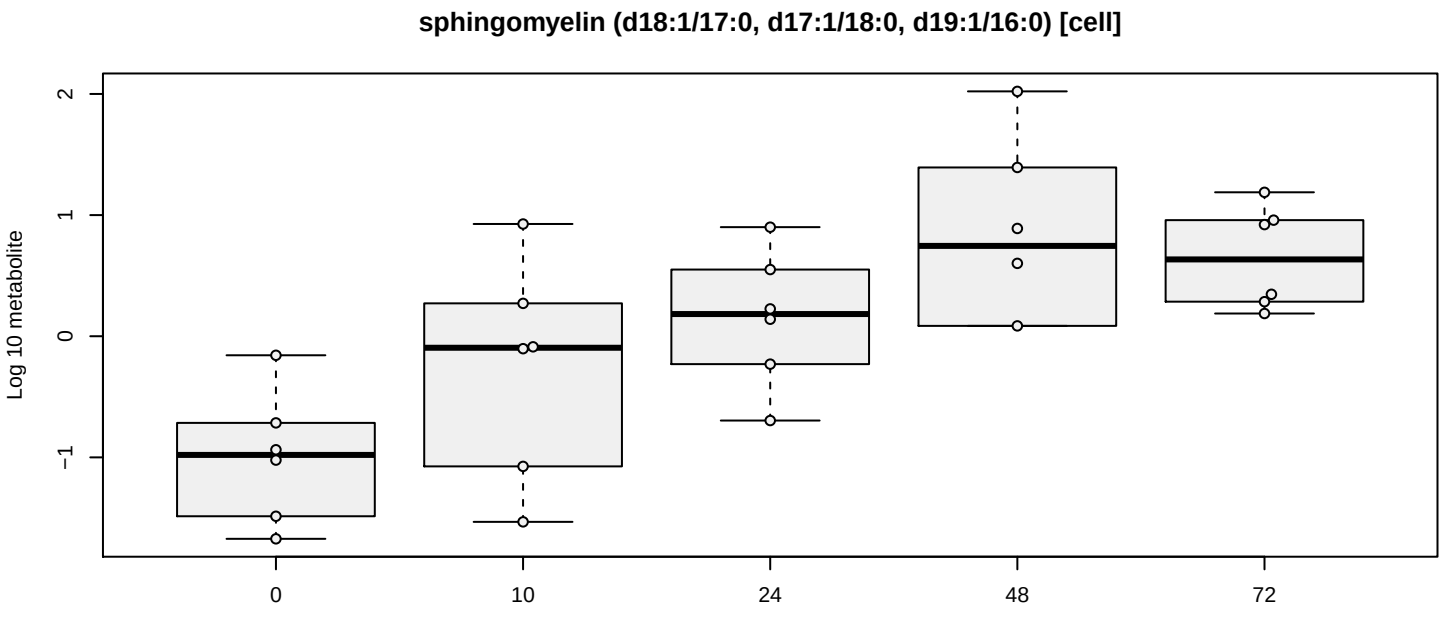
hit 686 metabolite 690 : sphinganine [cell] , p = 0.0026



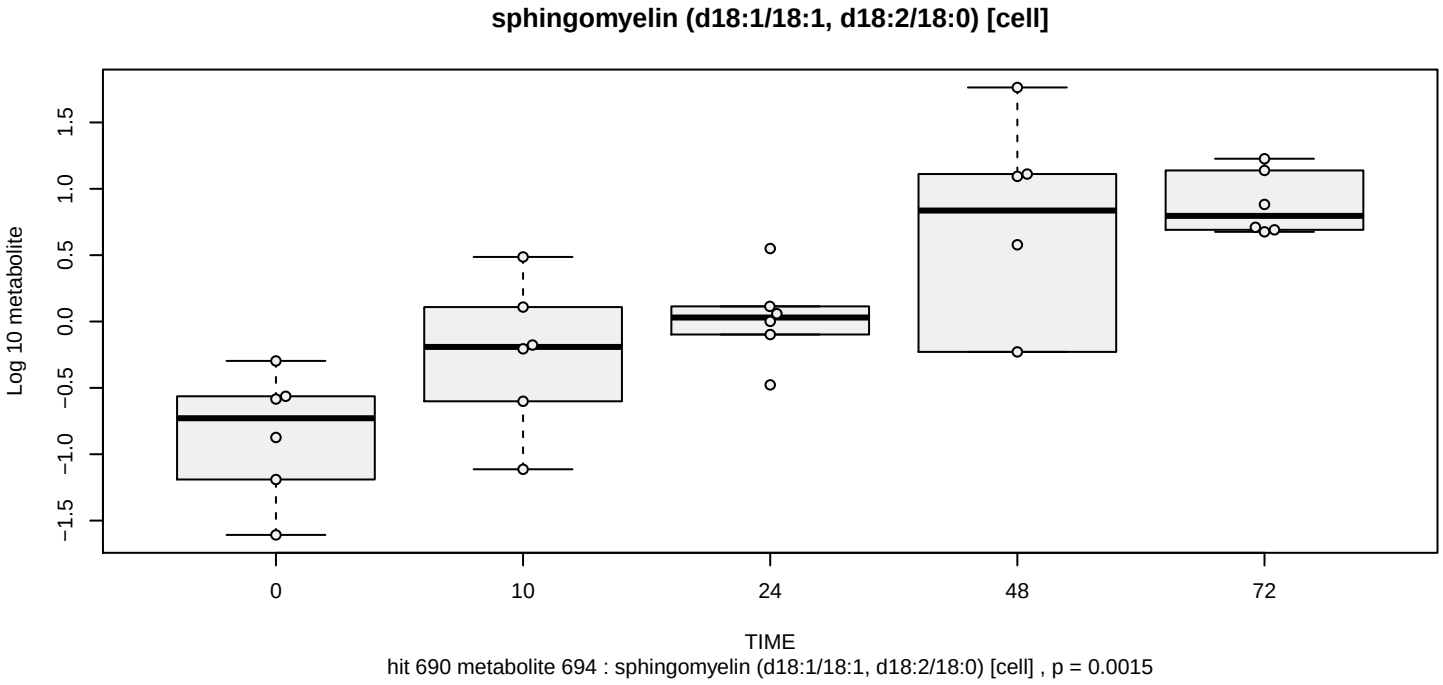
hit 687 metabolite 691 : sphingomyelin (d18:1/14:0, d16:1/16:0)* [cell] , p = 1e−05



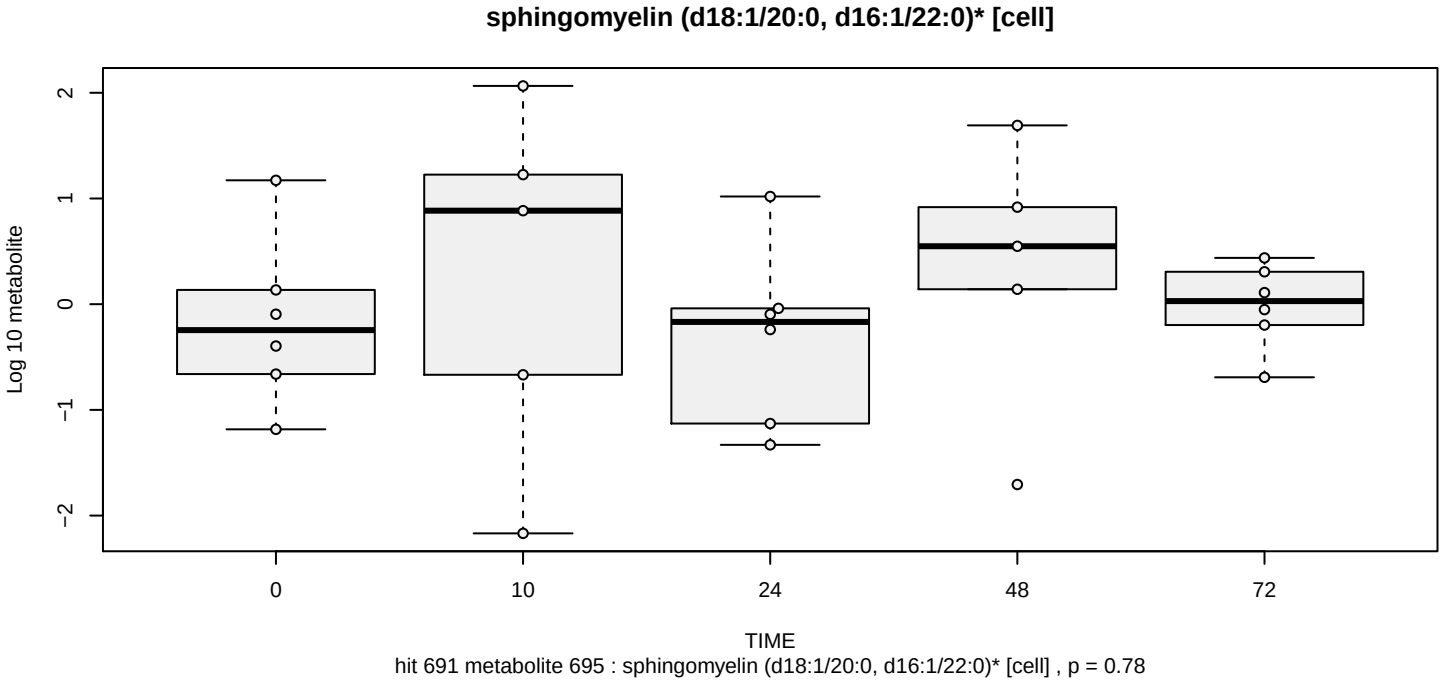
hit 688 metabolite 692 : sphingomyelin (d18:1/15:0, d16:1/17:0)* [cell] , p = 1.9e−05



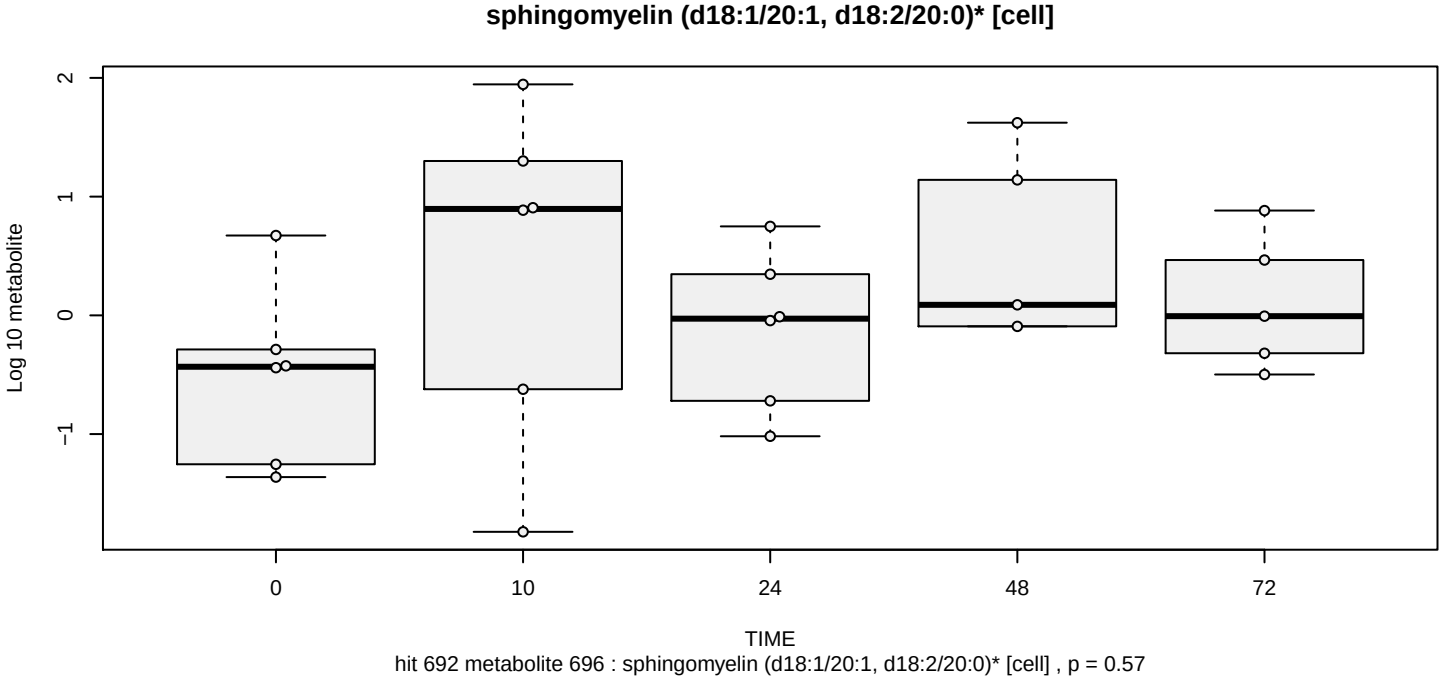
hit 689 metabolite 693 : sphingomyelin (d18:1/17:0, d17:1/18:0, d19:1/16:0) [cell] , p = 0.0019



hit 690 metabolite 694 : sphingomyelin (d18:1/18:1, d18:2/18:0) [cell] , p = 0.0015

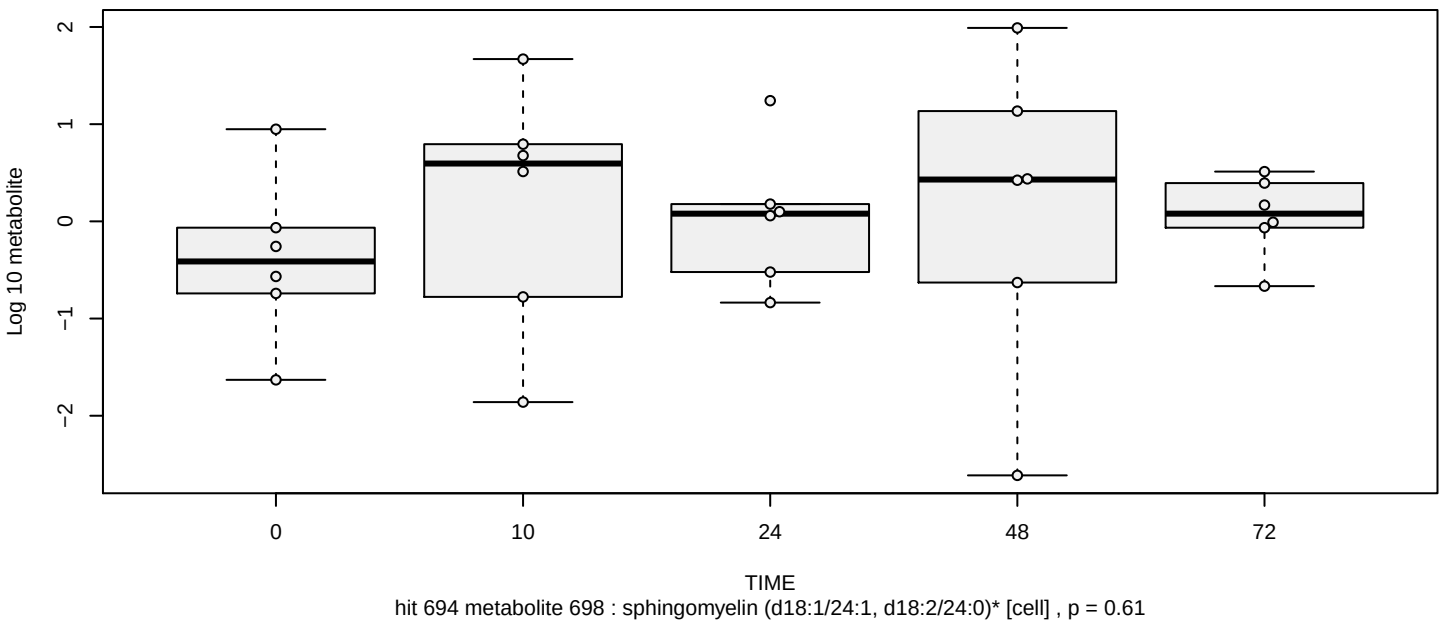


hit 691 metabolite 695 : sphingomyelin (d18:1/20:0, d16:1/22:0)* [cell] , p = 0.78

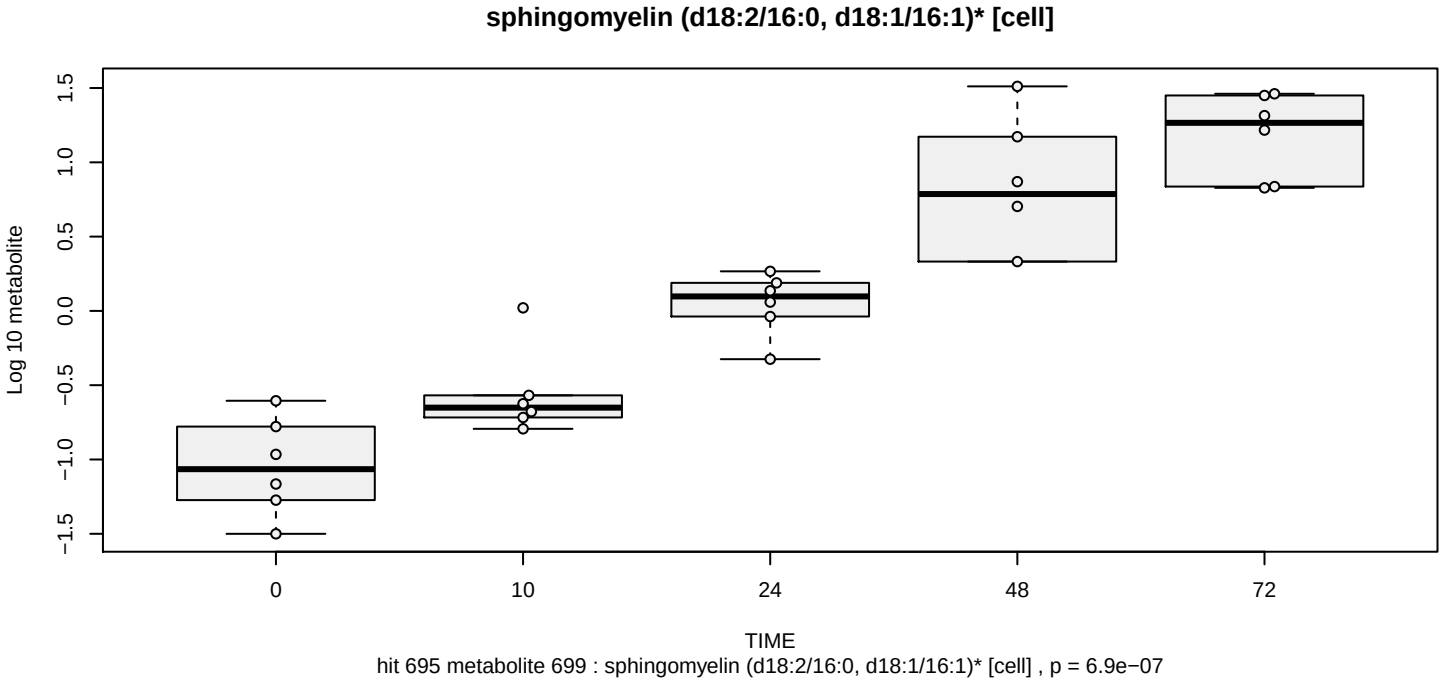


hit 692 metabolite 696 : sphingomyelin (d18:1/20:1, d18:2/20:0)* [cell] , p = 0.57

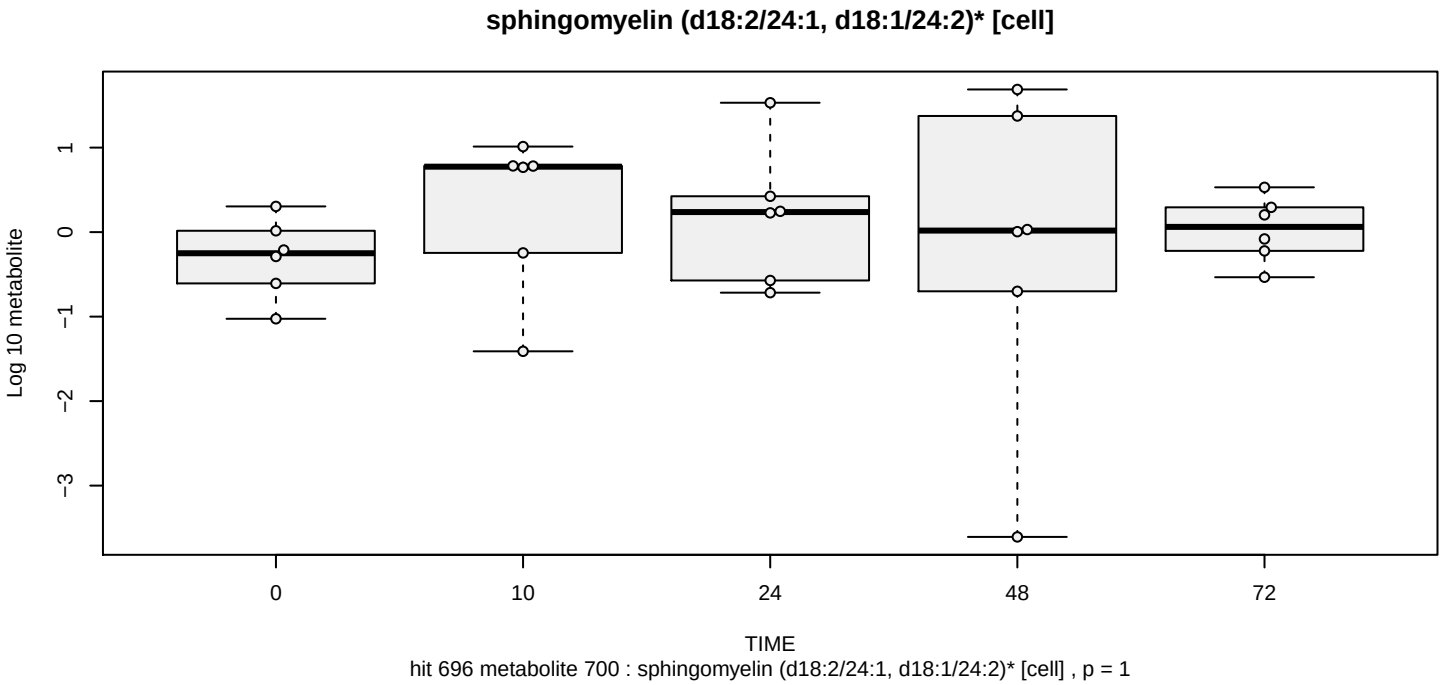
hit 693 metabolite 697 : sphingomyelin (d18:1/22:1, d18:2/22:0, d16:1/24:1)* [cell] , p = 0.94



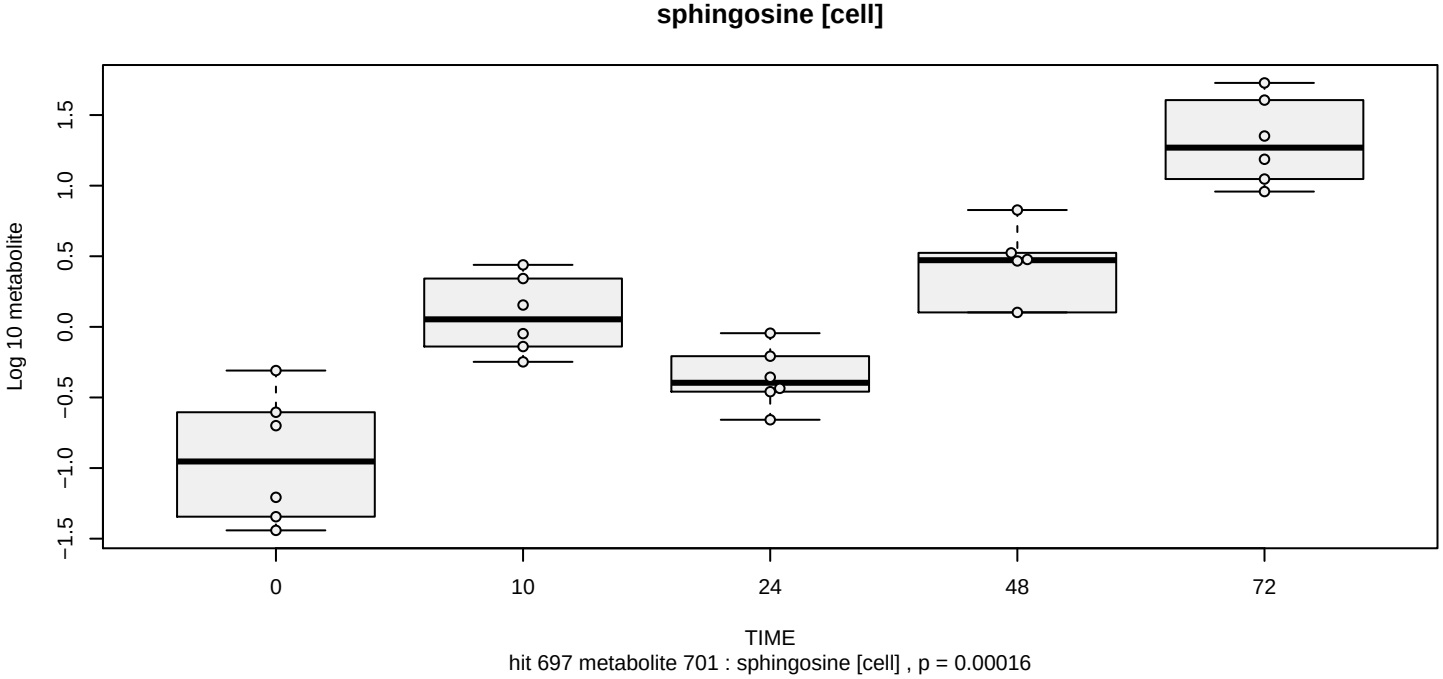
hit 694 metabolite 698 : sphingomyelin (d18:1/24:1, d18:2/24:0)* [cell] , p = 0.61



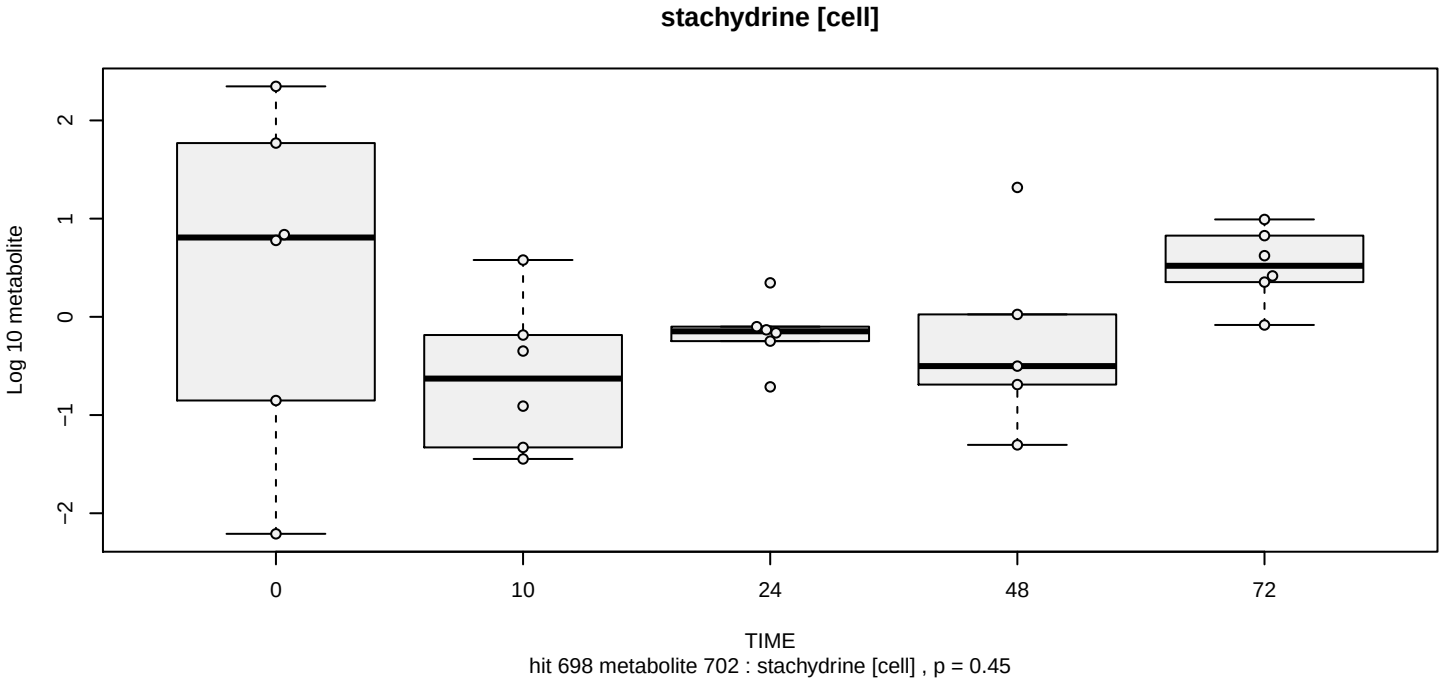
hit 695 metabolite 699 : sphingomyelin (d18:2/16:0, d18:1/16:1)* [cell] , p = 6.9e−07



hit 696 metabolite 700 : sphingomyelin (d18:2/24:1, d18:1/24:2)* [cell] , p = 1

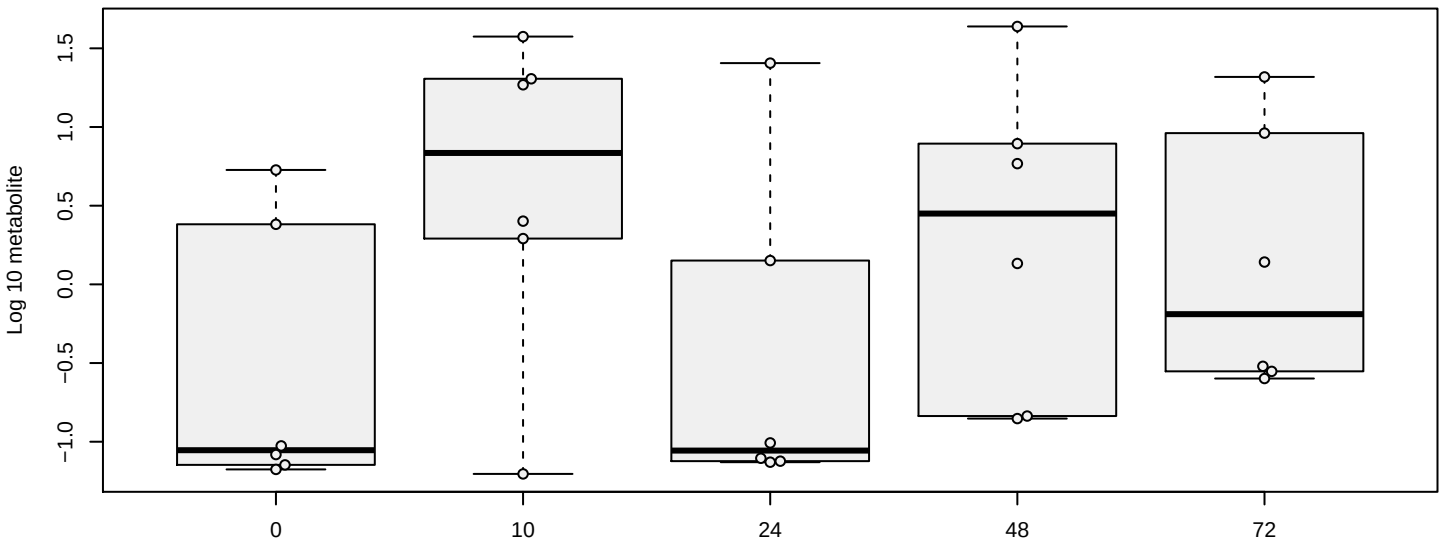


hit 697 metabolite 701 : sphingosine [cell] , p = 0.00016



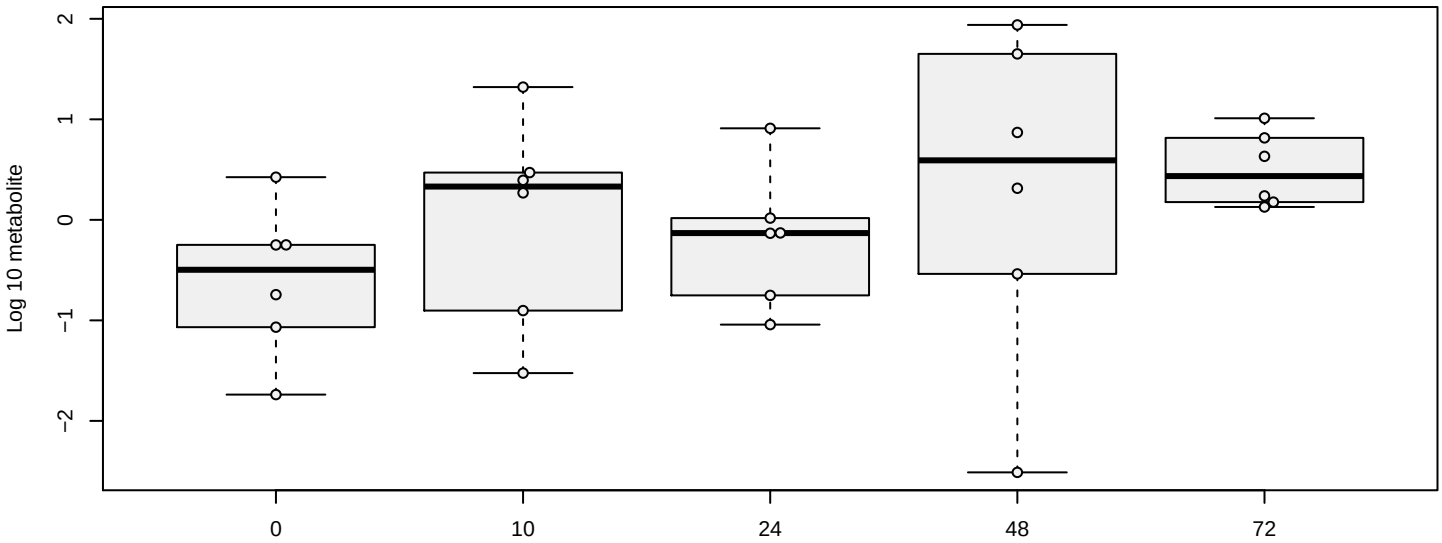
hit 698 metabolite 702 : stachydrine [cell] , p = 0.45

stearoyl ethanolamide [cell]



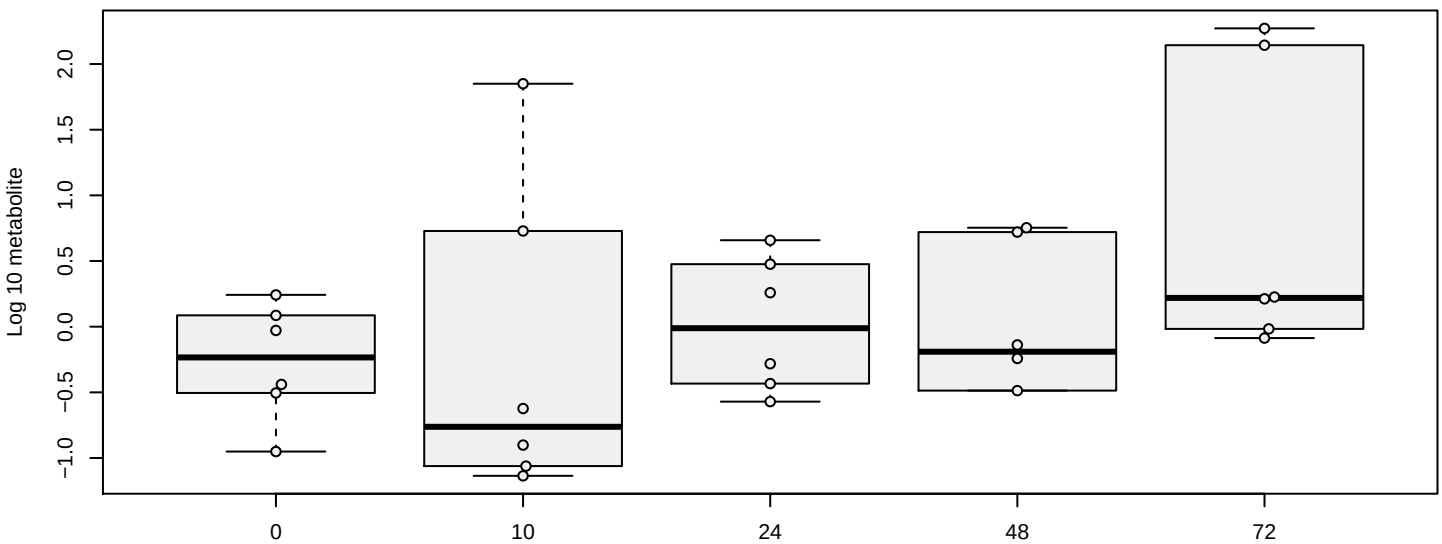
hit 699 metabolite 703 : stearoyl ethanolamide [cell] , p = 0.47

stearoyl sphingomyelin (d18:1/18:0) [cell]

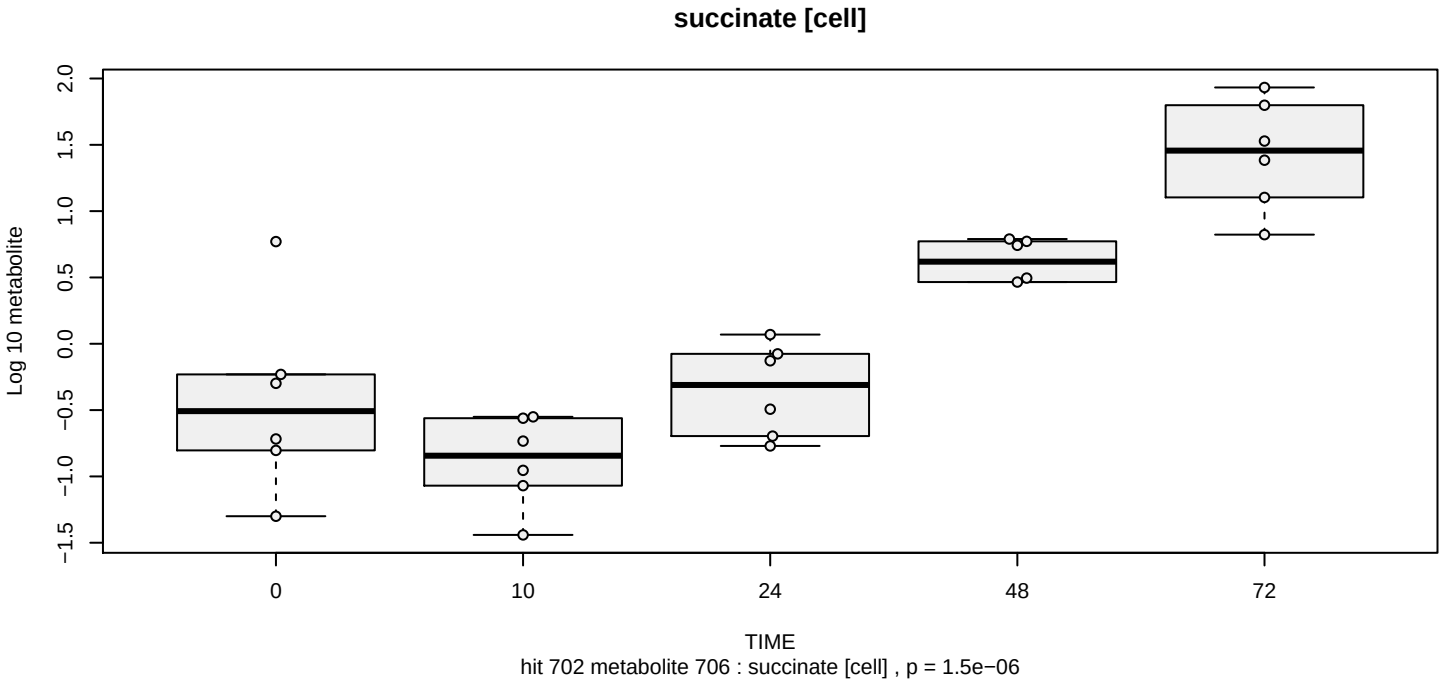


hit 700 metabolite 704 : stearoyl sphingomyelin (d18:1/18:0) [cell] , p = 0.056

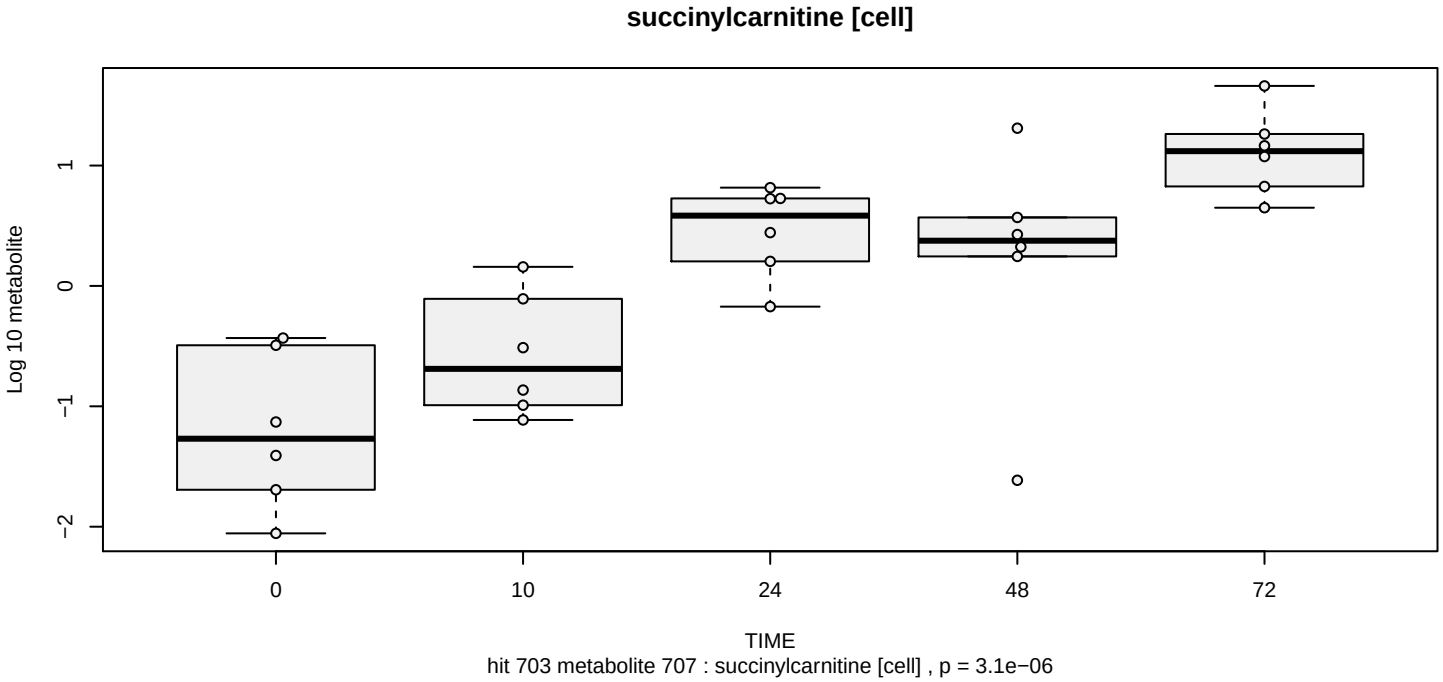
stearoylcarnitine [cell]



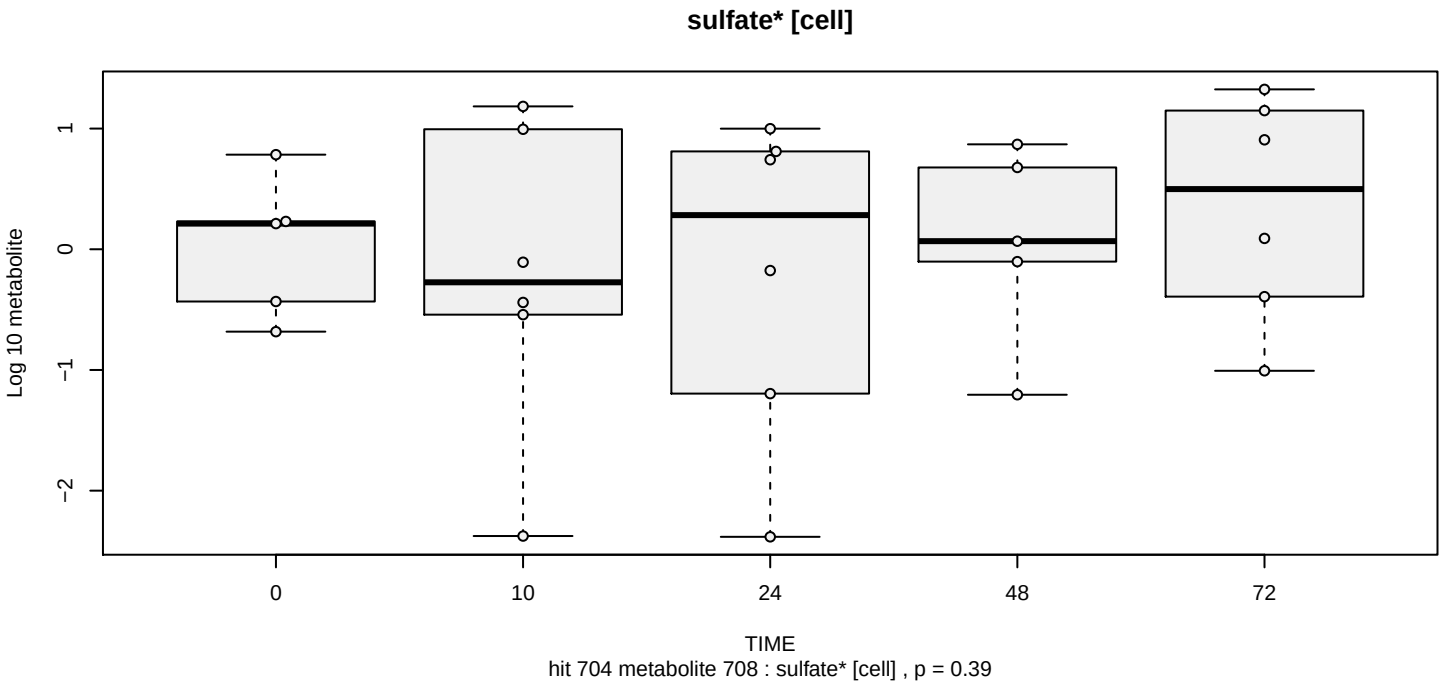
hit 701 metabolite 705 : stearoylcarnitine [cell] , p = 0.11



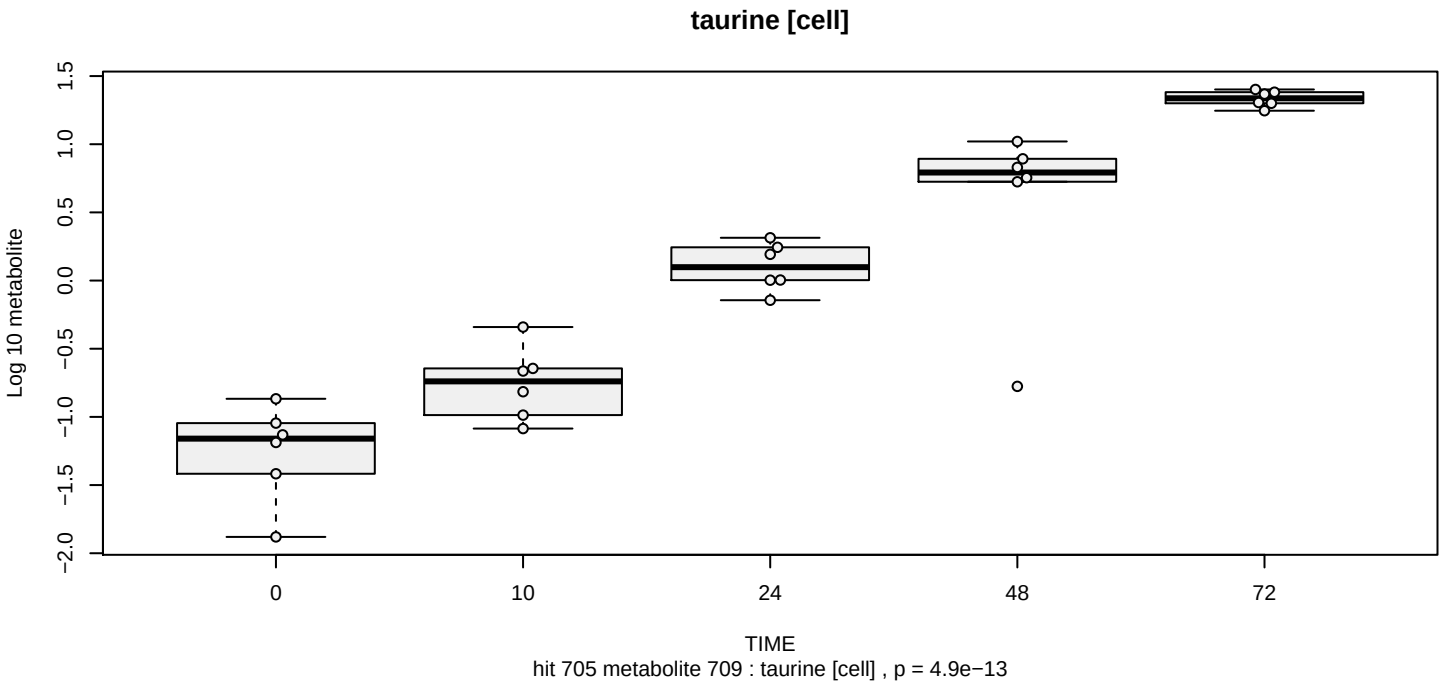
hit 702 metabolite 706 : succinate [cell] , p = 1.5e−06



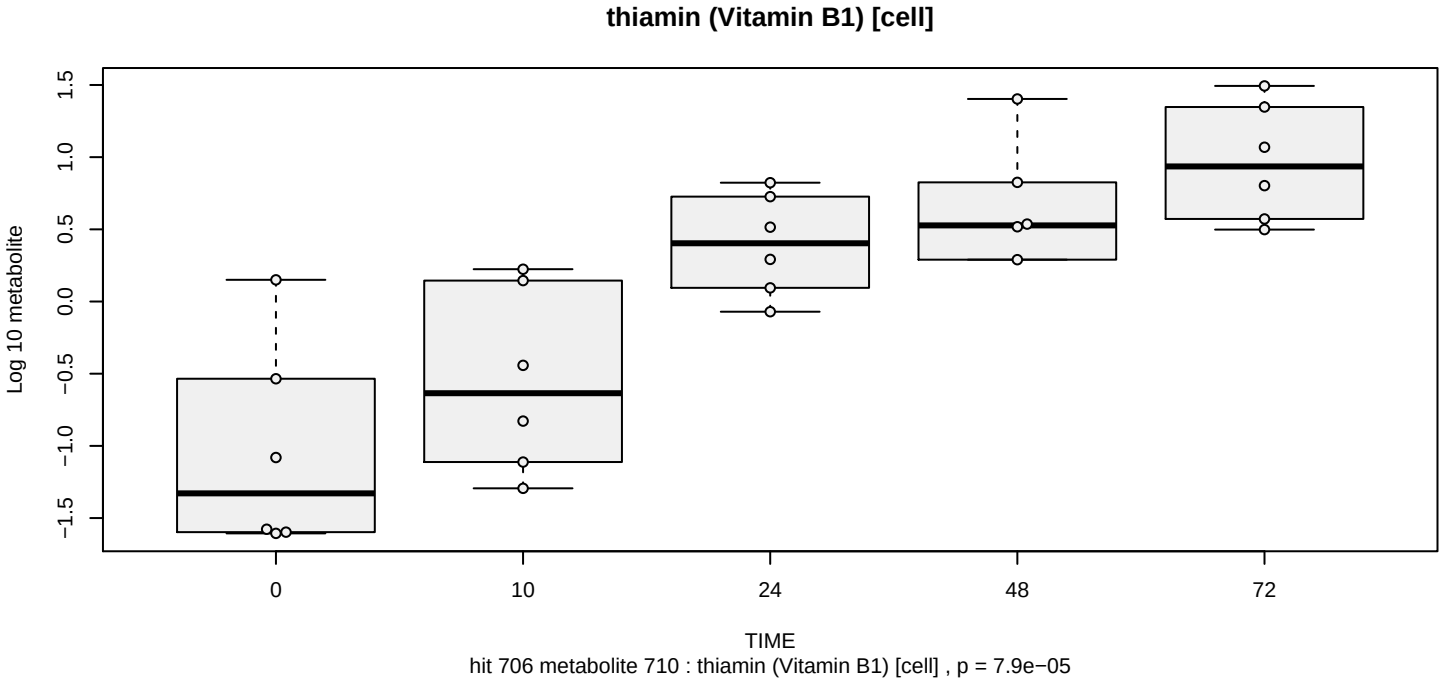
hit 703 metabolite 707 : succinylcarnitine [cell] , p = 3.1e−06



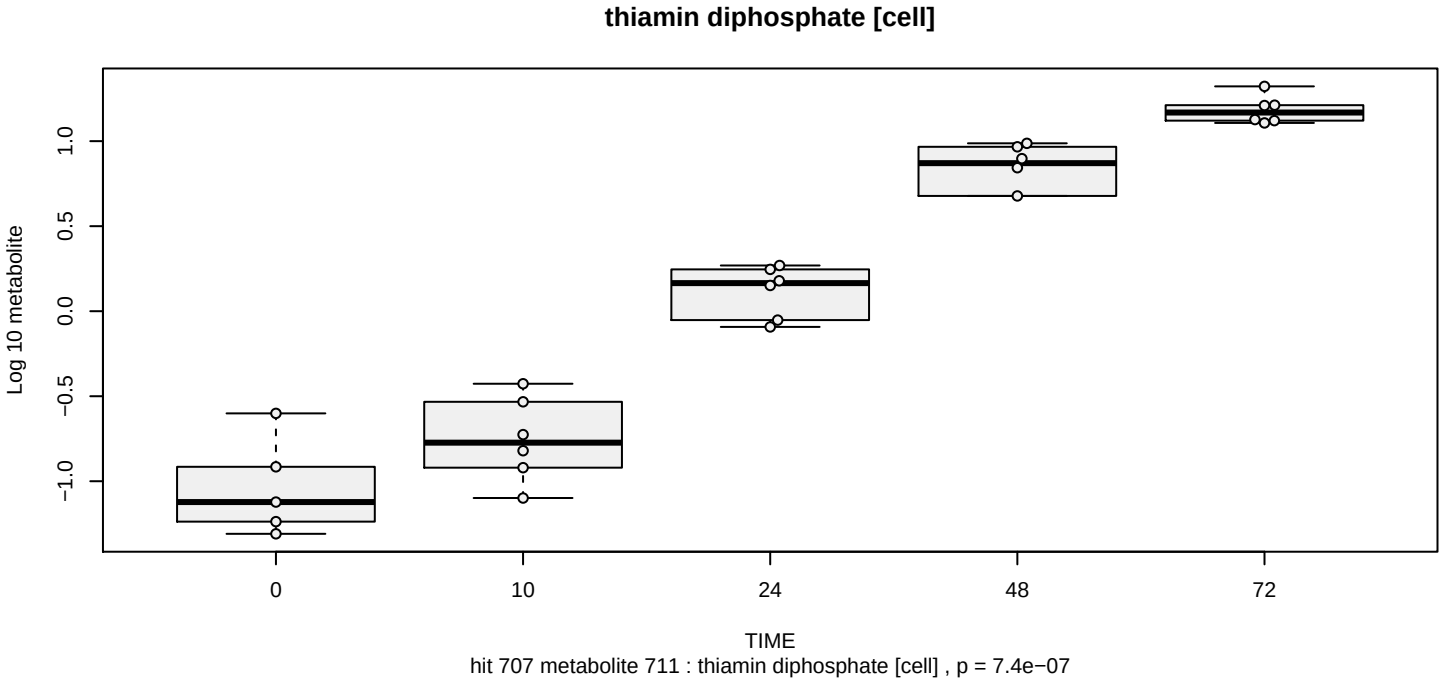
hit 704 metabolite 708 : sulfate* [cell] , p = 0.39



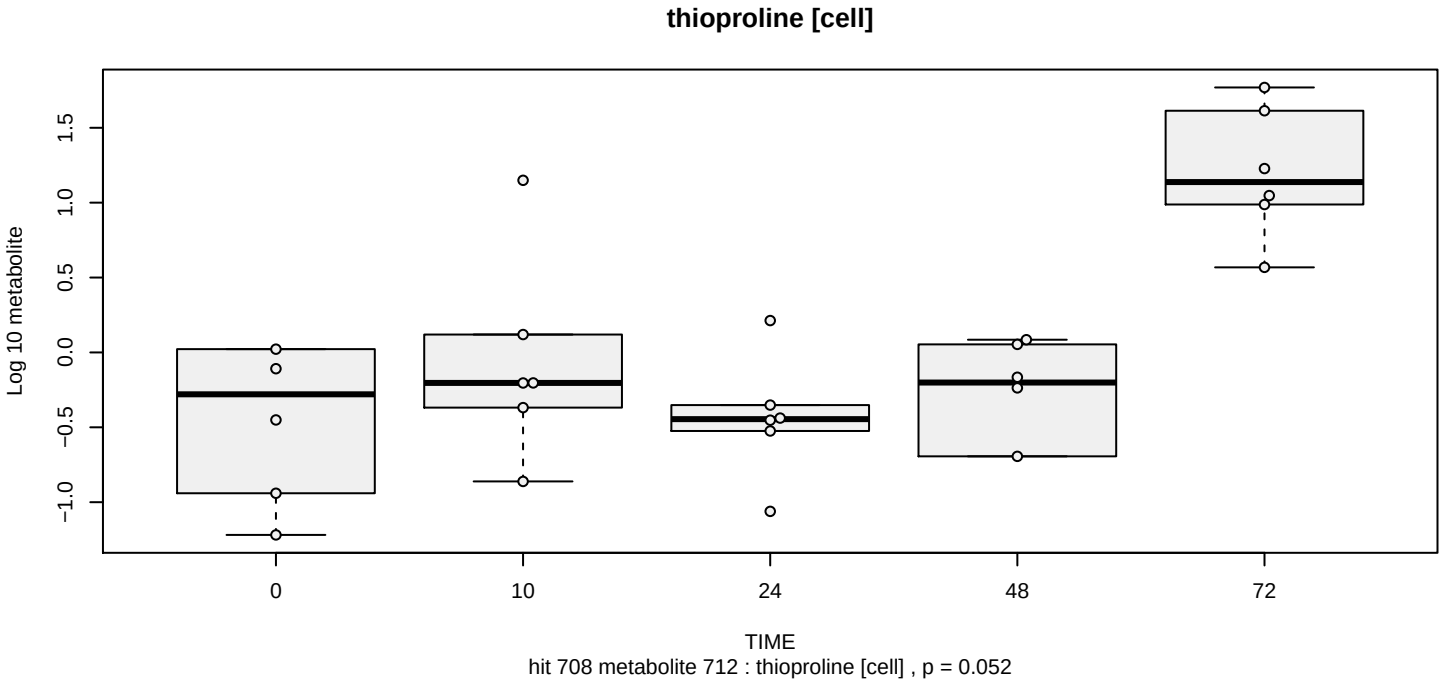
hit 705 metabolite 709 : taurine [cell] , p = 4.9e−13



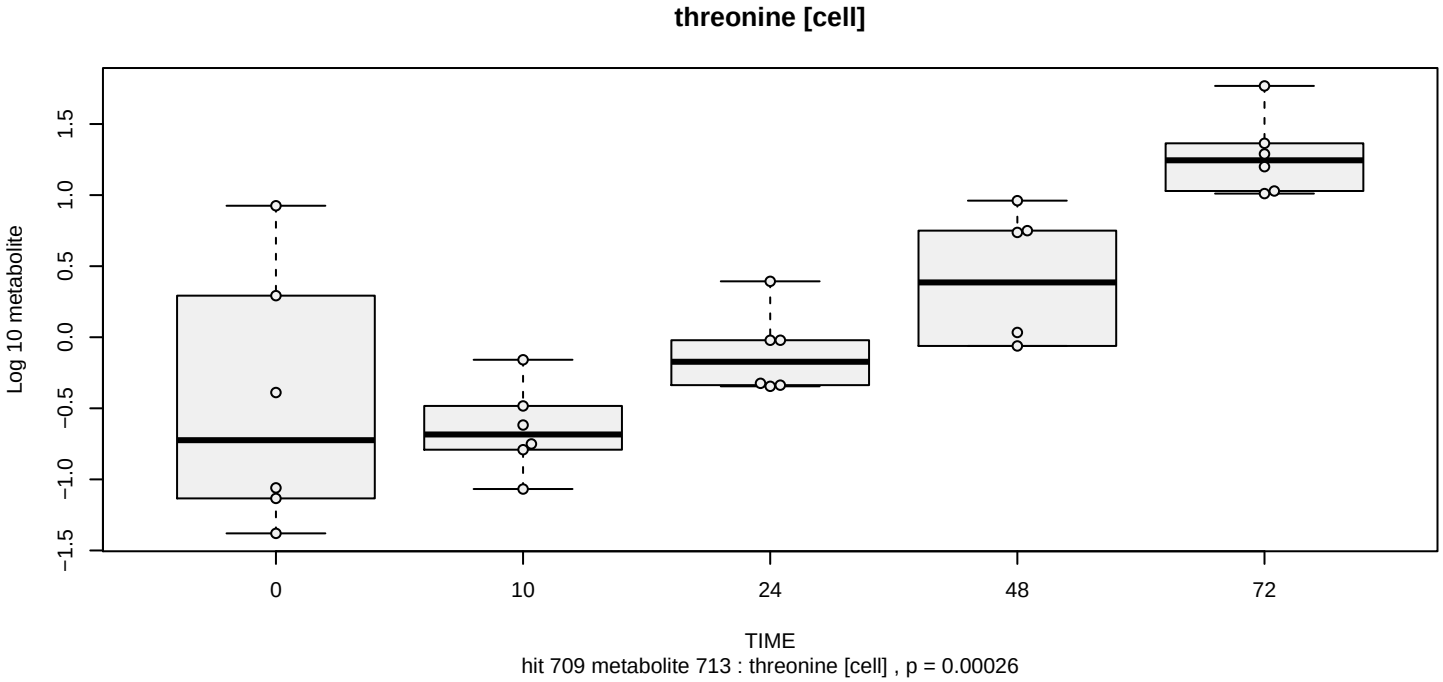
hit 706 metabolite 710 : thiamin (Vitamin B1) [cell] , p = 7.9e−05



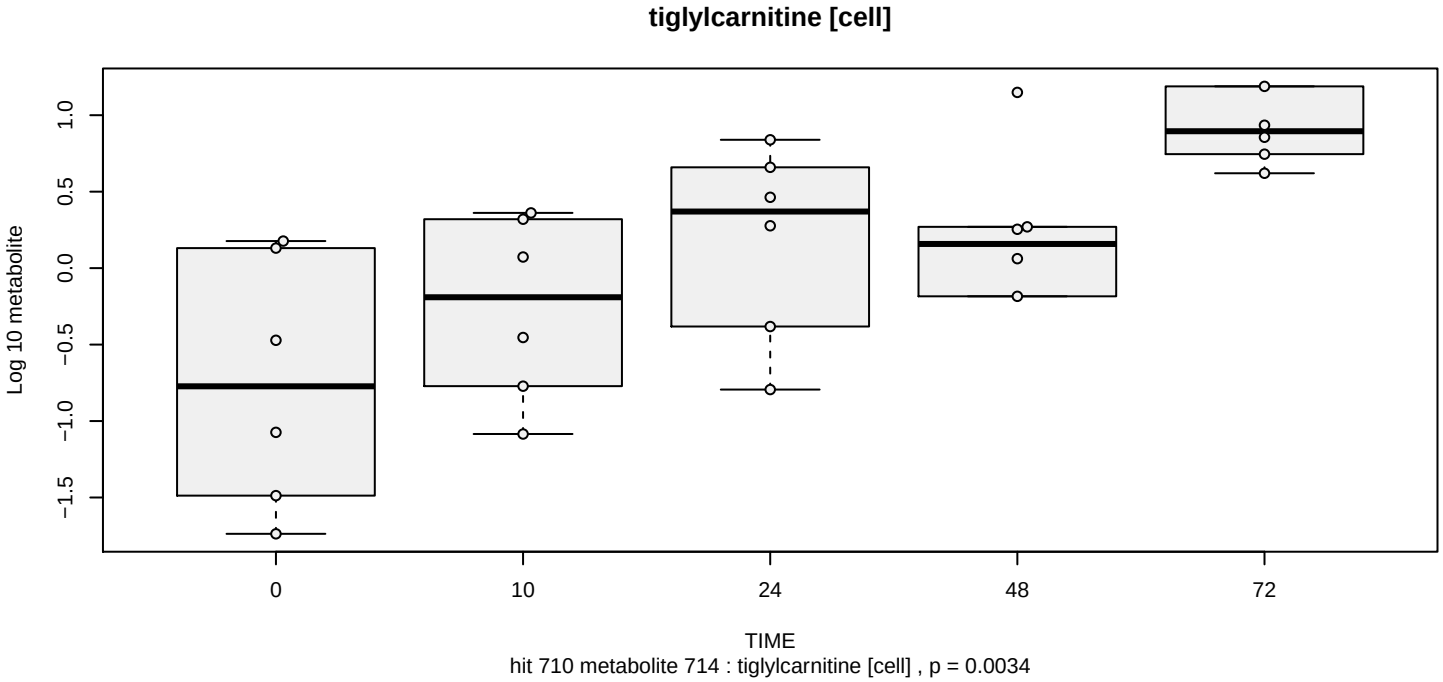
hit 707 metabolite 711 : thiamin diphosphate [cell] , p = 7.4e−07



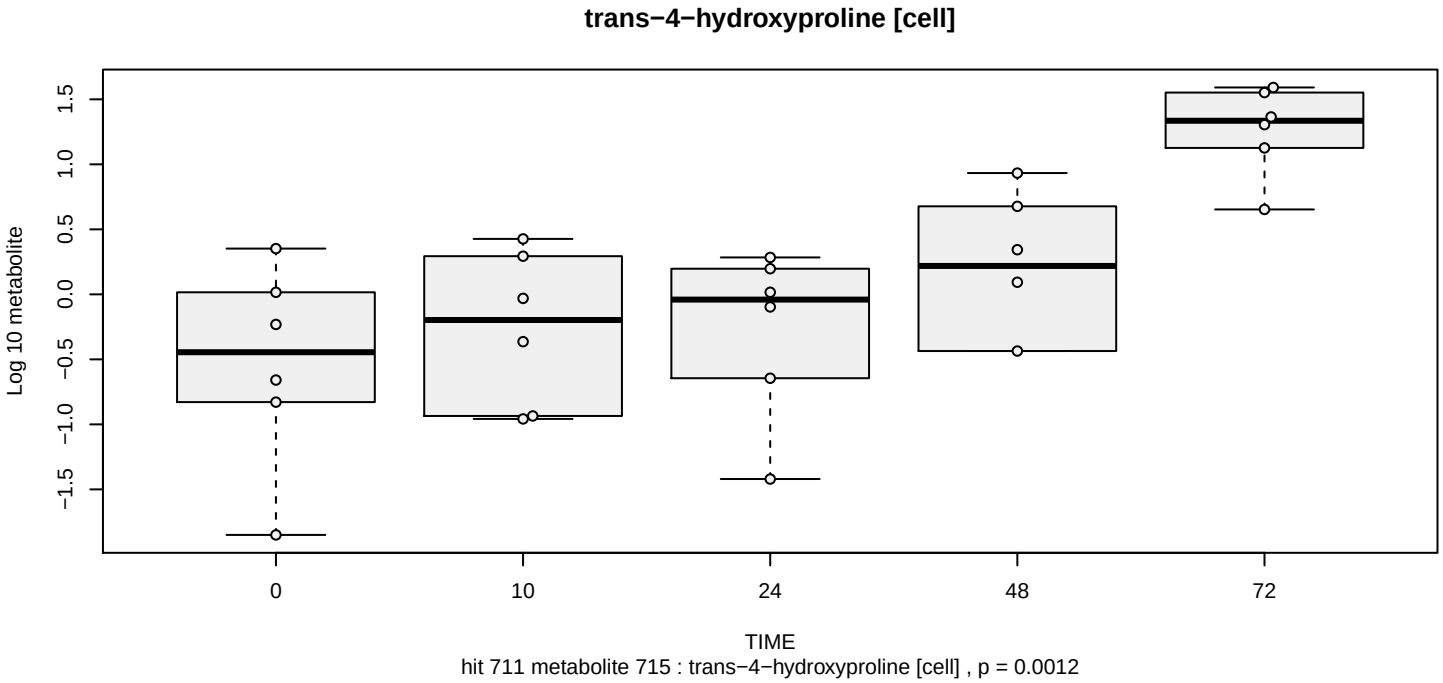
hit 708 metabolite 712 : thioproline [cell] , p = 0.052



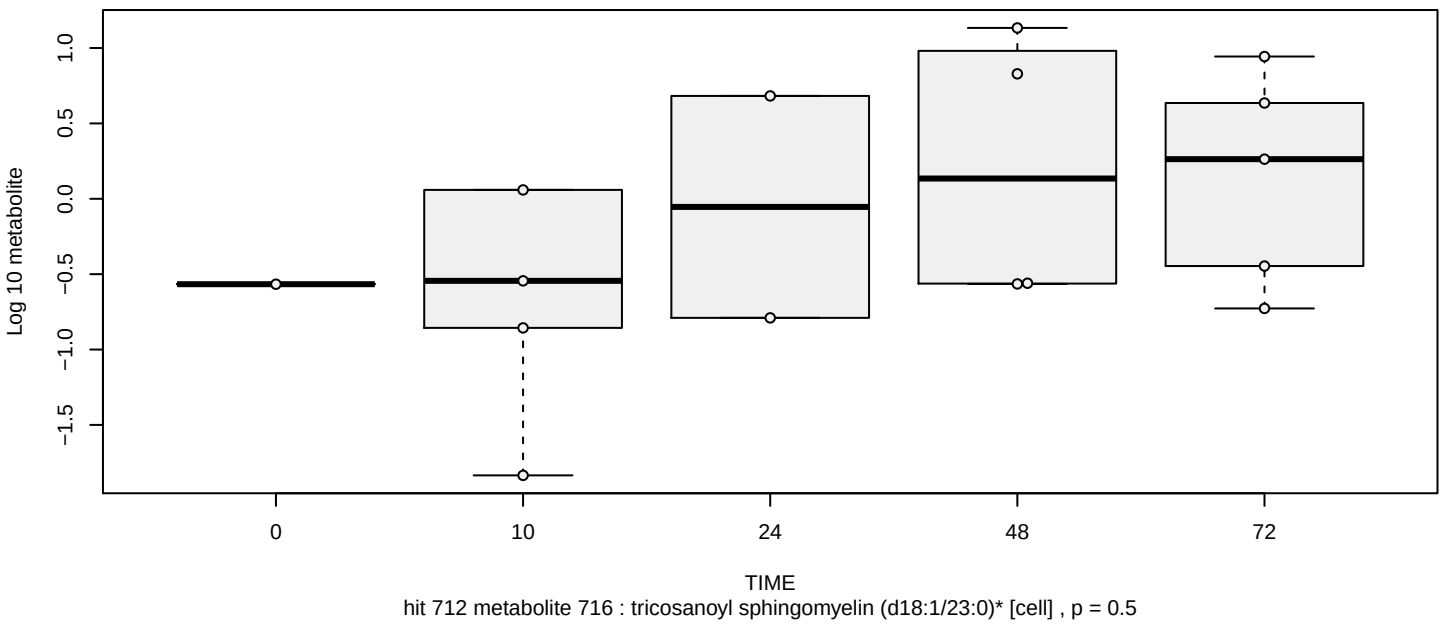
hit 709 metabolite 713 : threonine [cell] , p = 0.00026



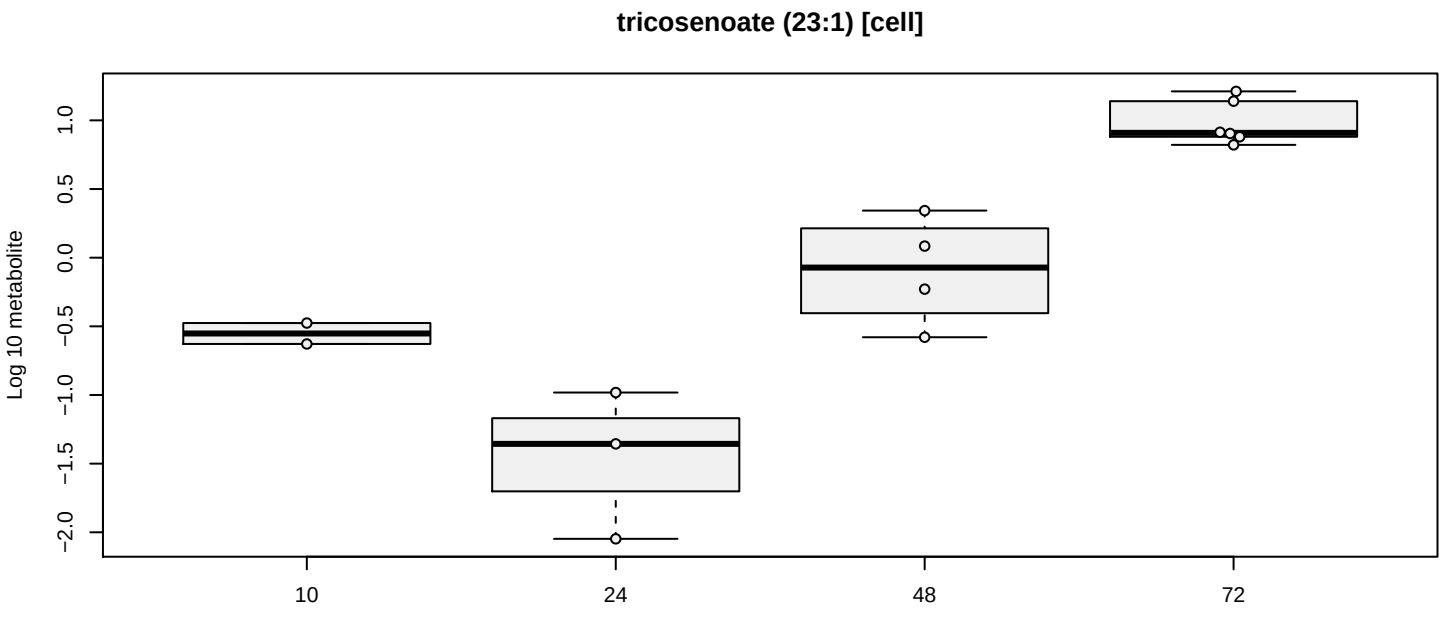
hit 710 metabolite 714 : tiglylcarnitine [cell] , p = 0.0034



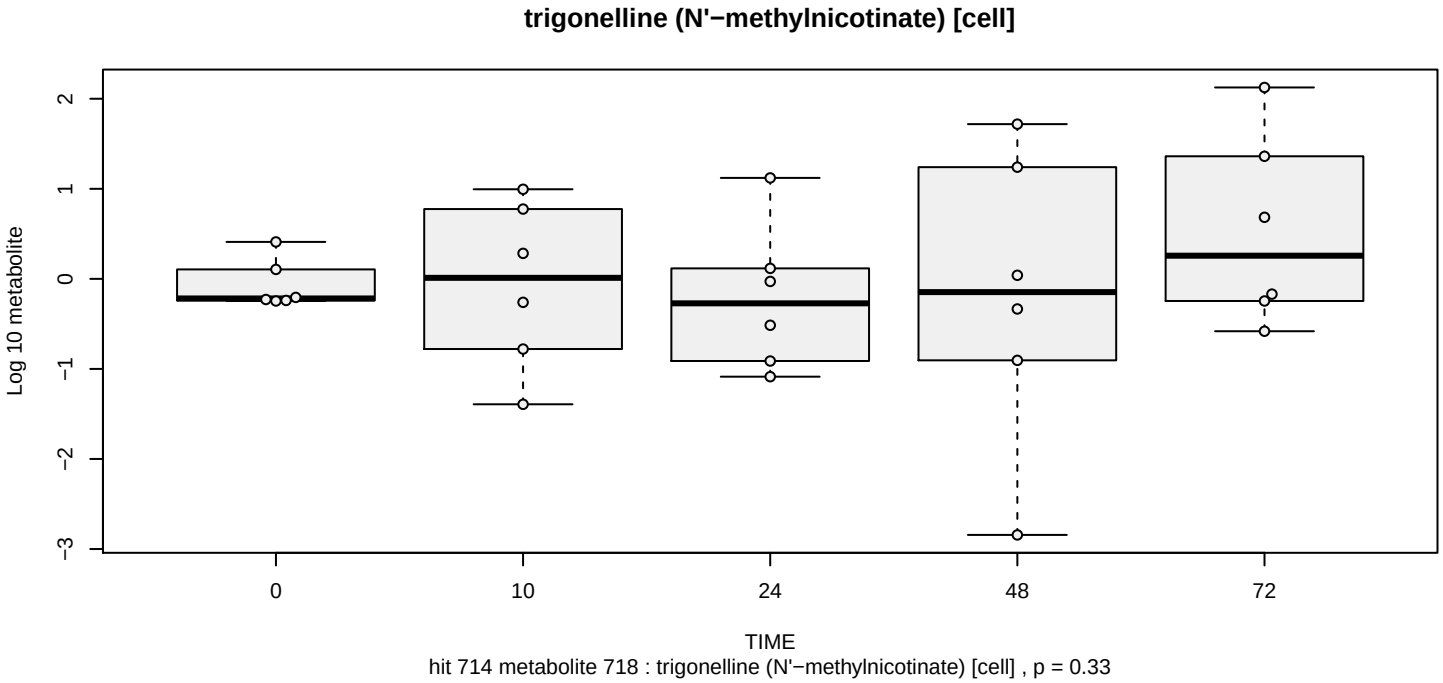
hit 711 metabolite 715 : trans−4−hydroxyproline [cell] , p = 0.0012



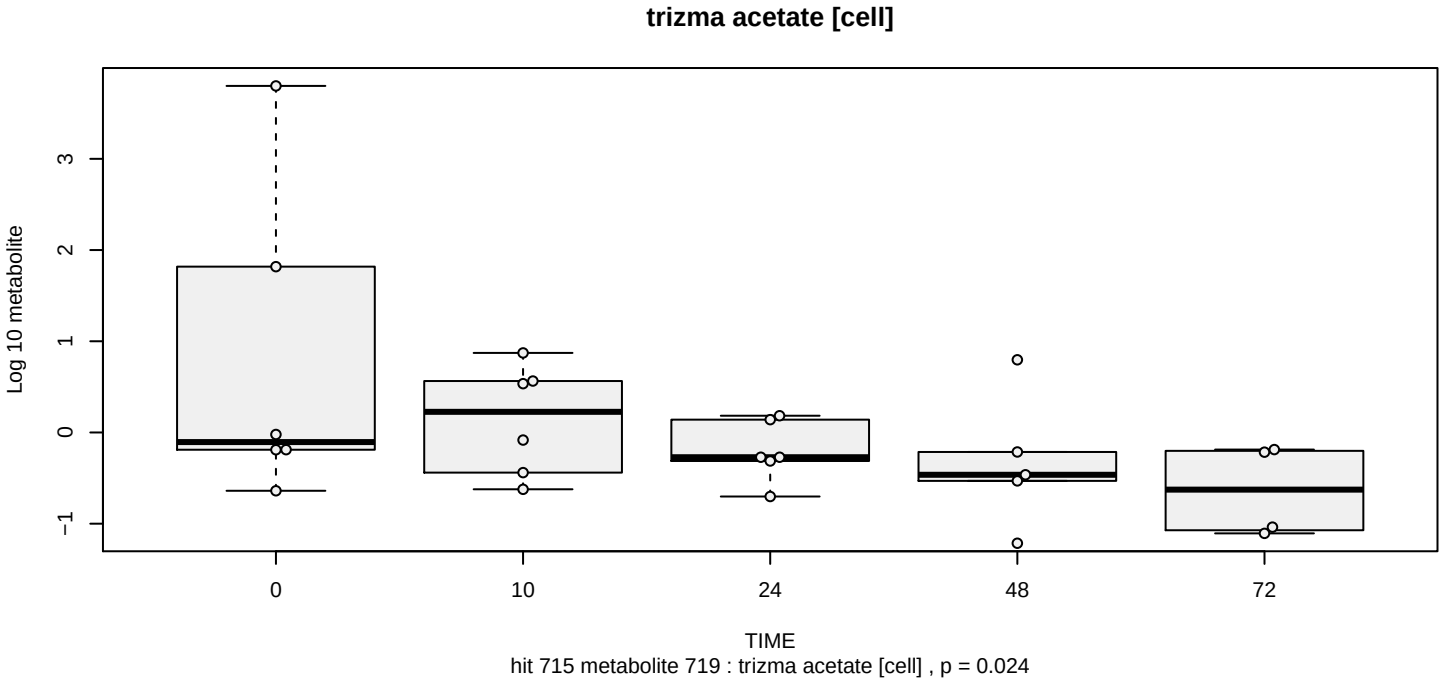
hit 712 metabolite 716 : tricosanoyl sphingomyelin (d18:1/23:0)* [cell] , p = 0.5



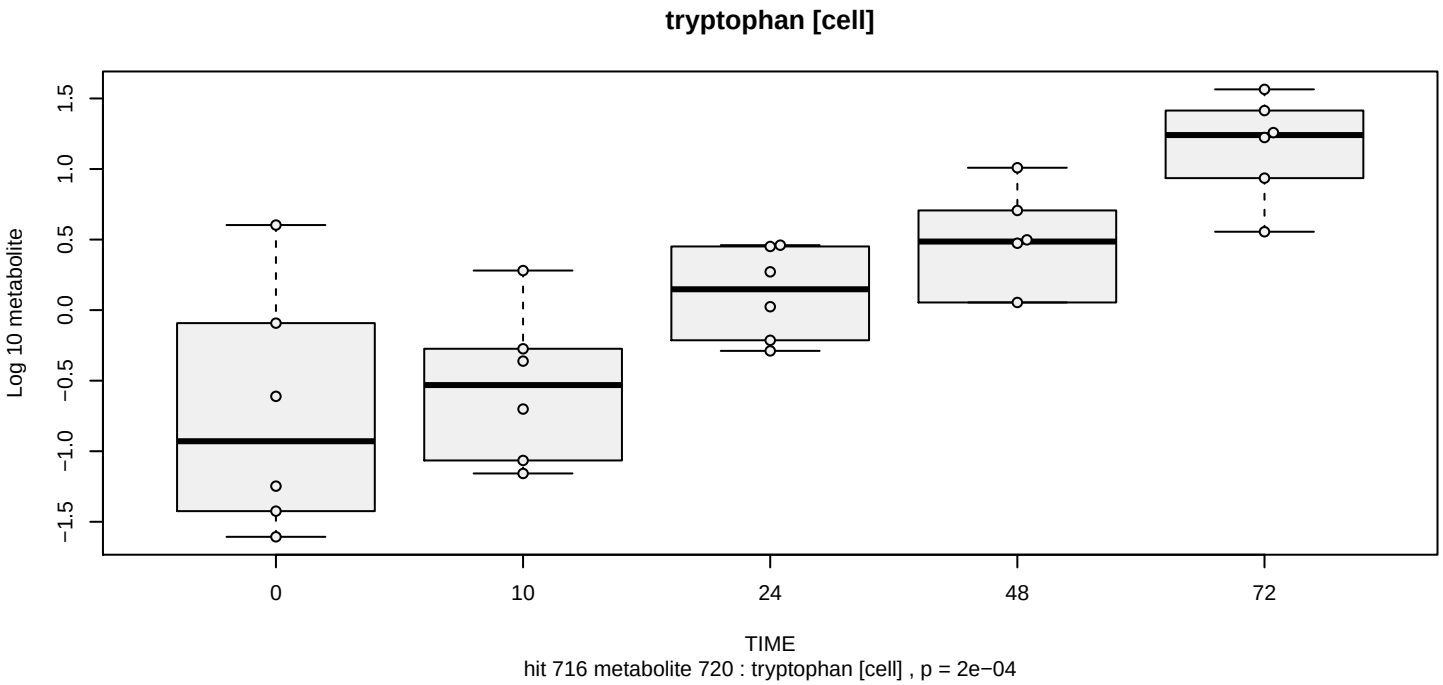
hit 713 metabolite 717 : tricosenoate (23:1) [cell] , p = 4.4e−05



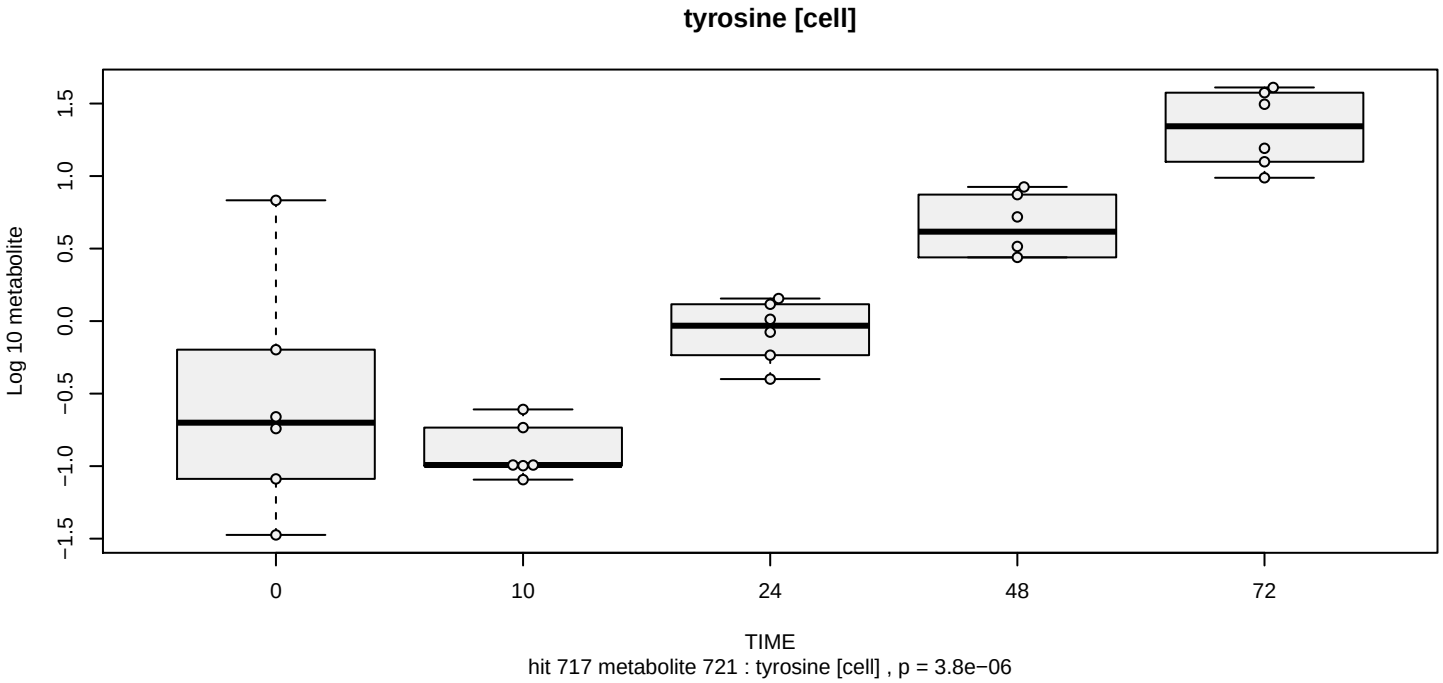
hit 714 metabolite 718 : trigonelline (N'−methylnicotinate) [cell] , p = 0.33



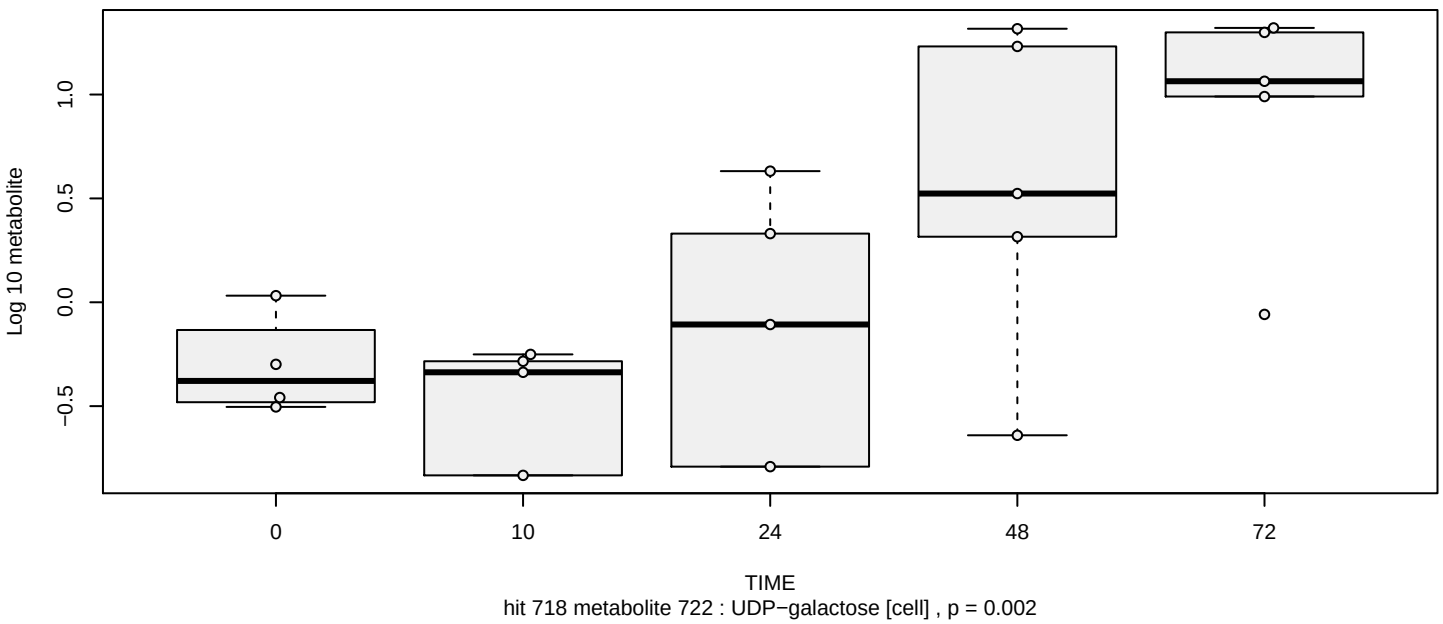
hit 715 metabolite 719 : trizma acetate [cell] , p = 0.024



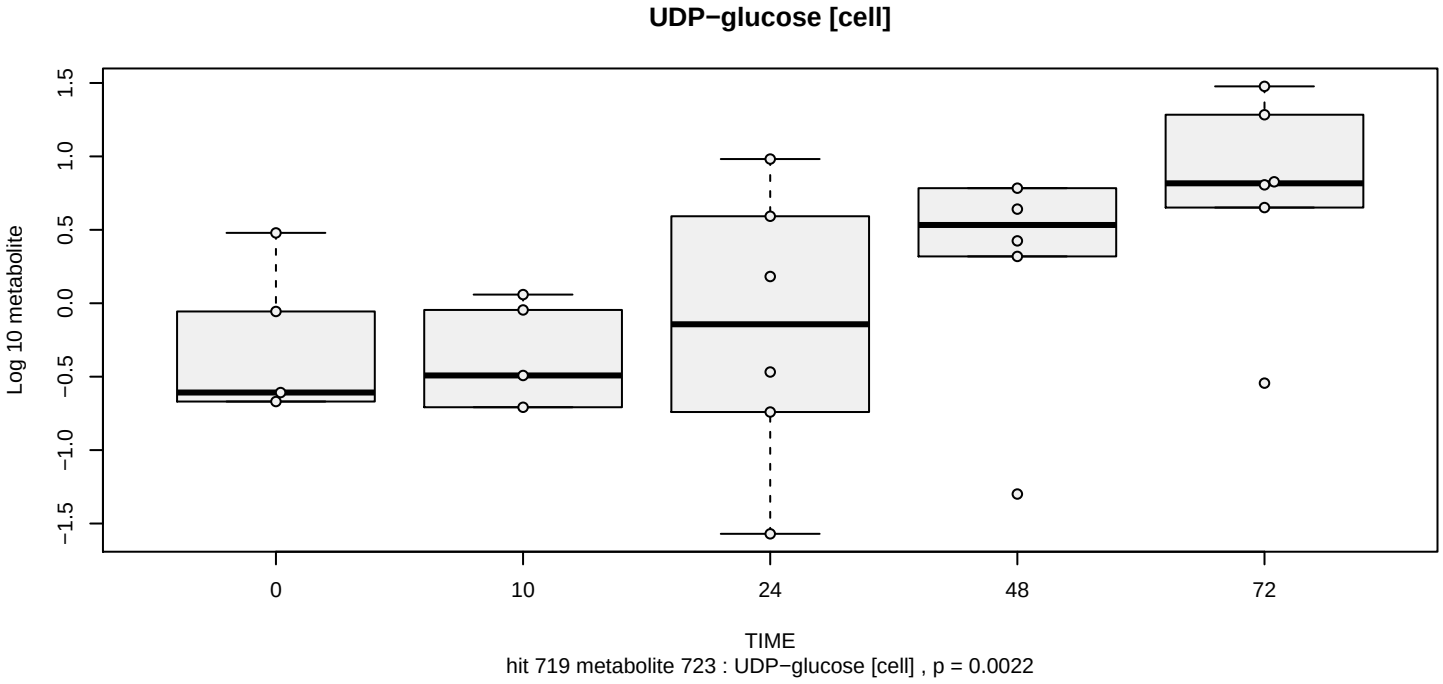
hit 716 metabolite 720 : tryptophan [cell] , p = 2e−04



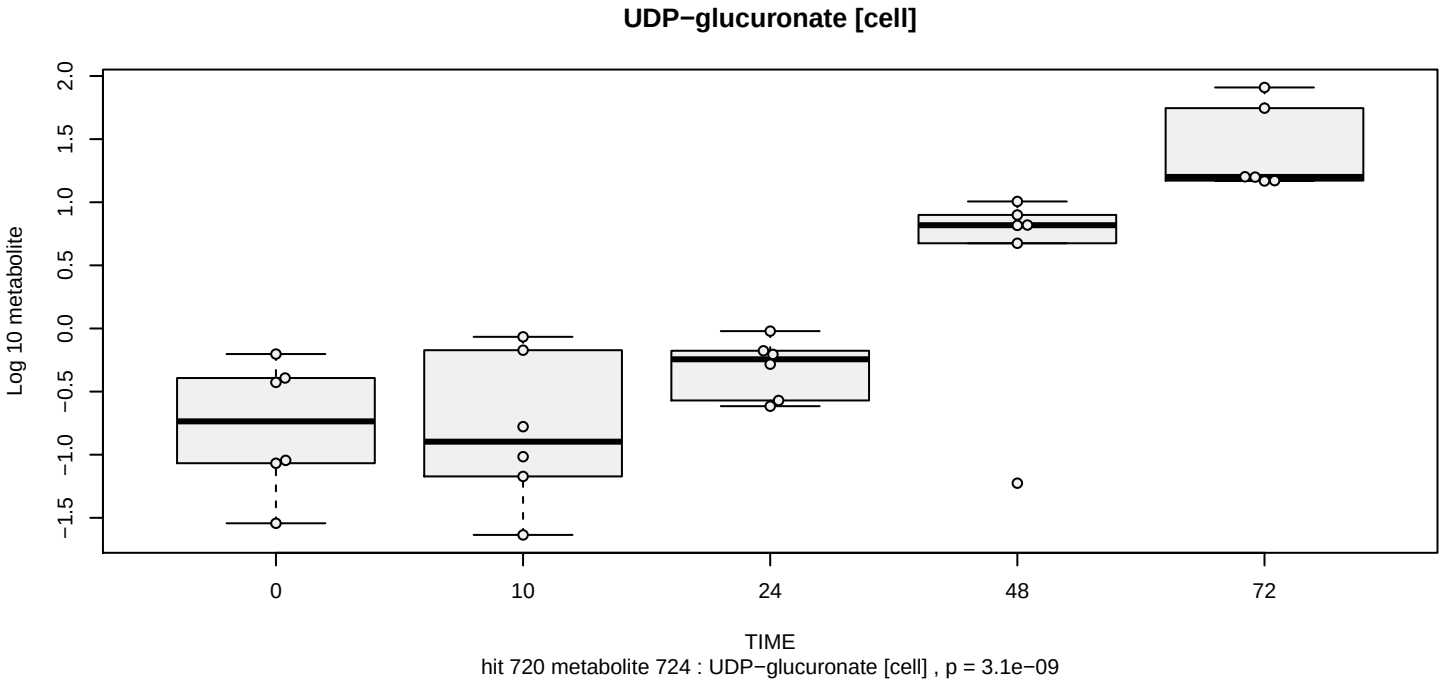
hit 717 metabolite 721 : tyrosine [cell] , p = 3.8e−06



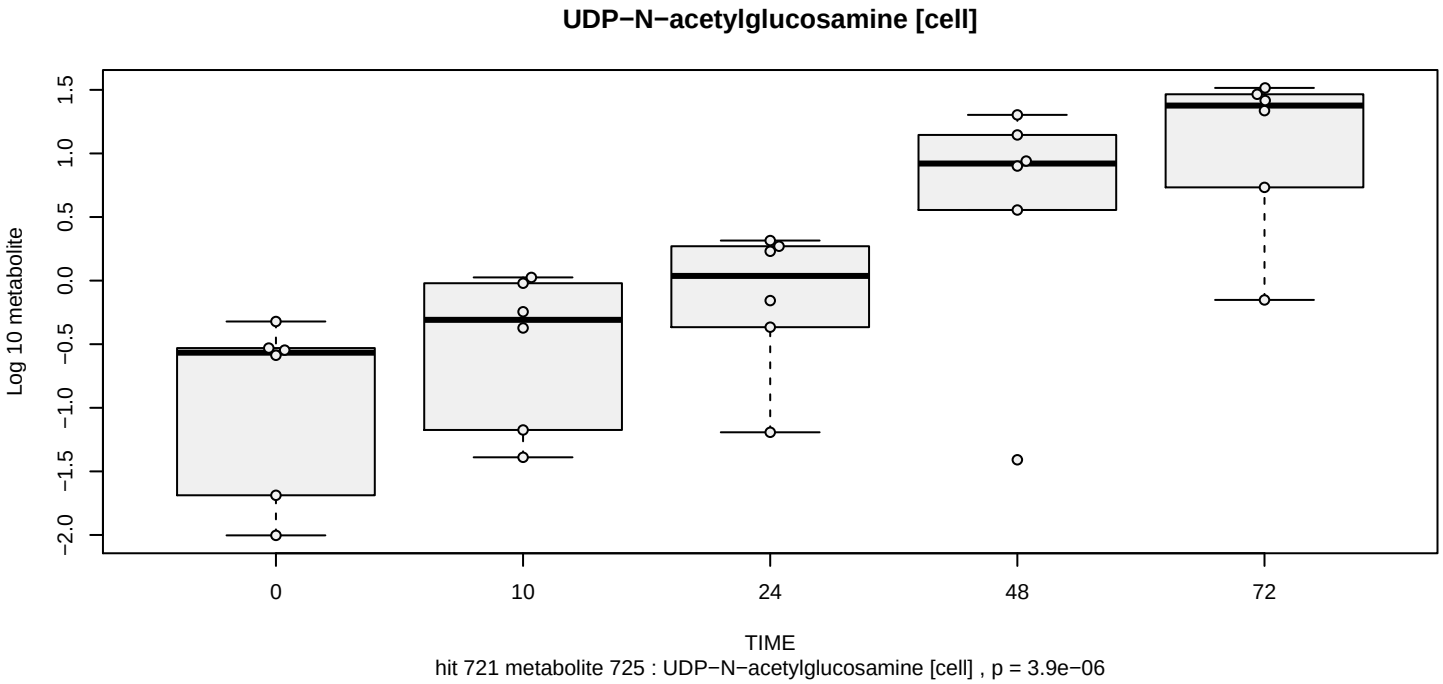
hit 718 metabolite 722 : UDP−galactose [cell] , p = 0.002



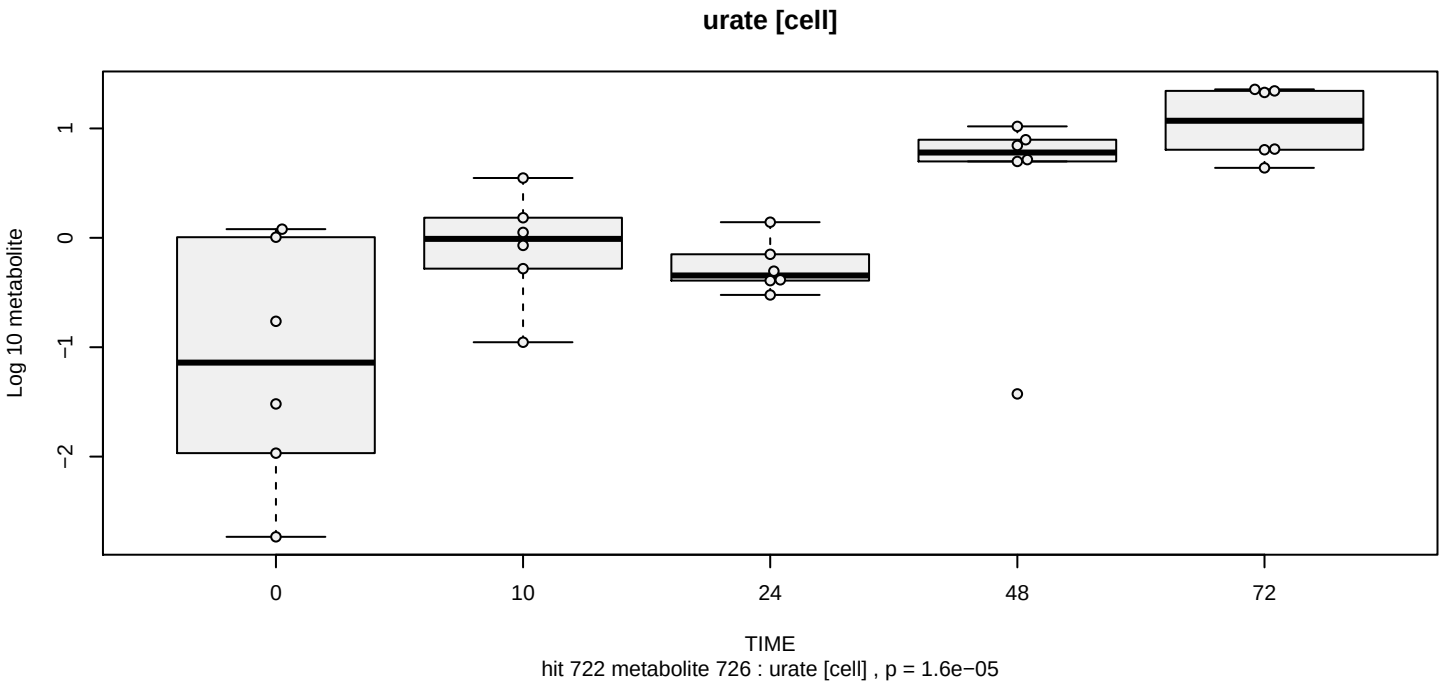
hit 719 metabolite 723 : UDP−glucose [cell] , p = 0.0022



hit 720 metabolite 724 : UDP−glucuronate [cell] , p = 3.1e−09

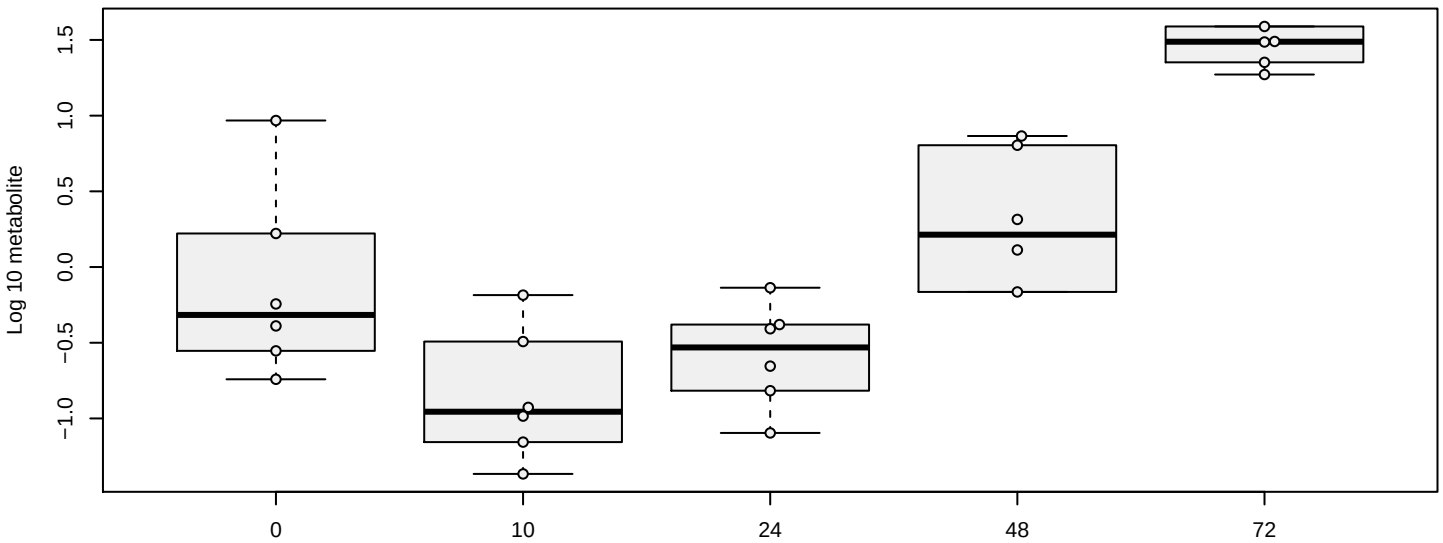


hit 721 metabolite 725 : UDP−N−acetylglucosamine [cell] , p = 3.9e−06



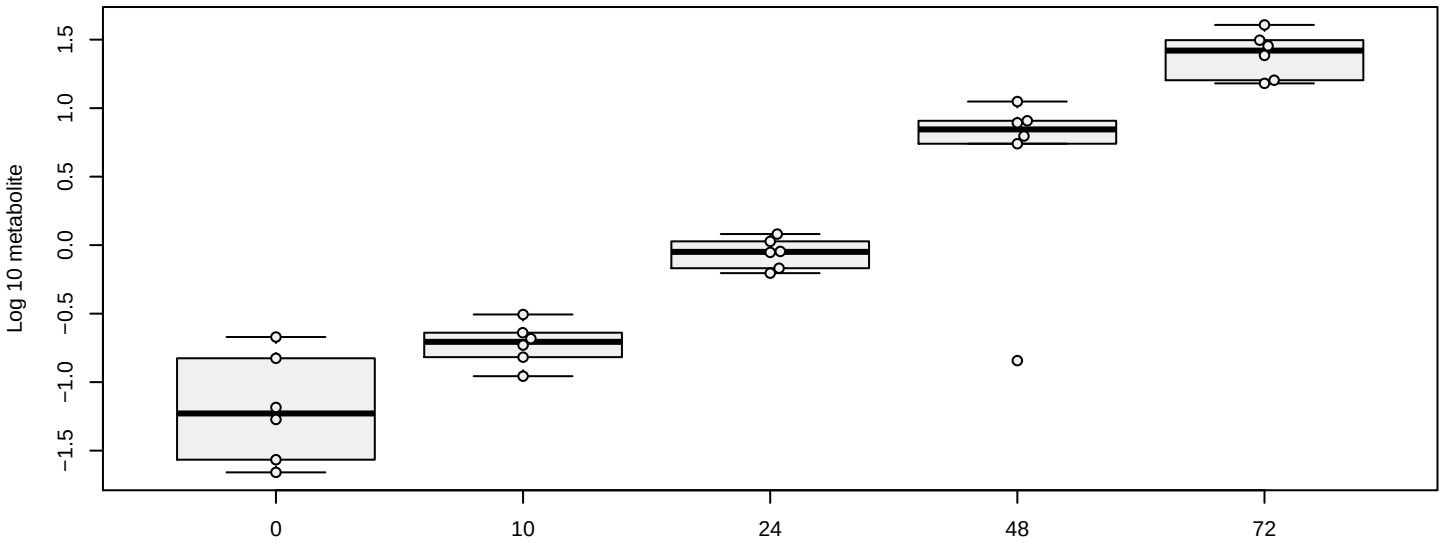
hit 722 metabolite 726 : urate [cell] , p = 1.6e−05

uridine [cell]



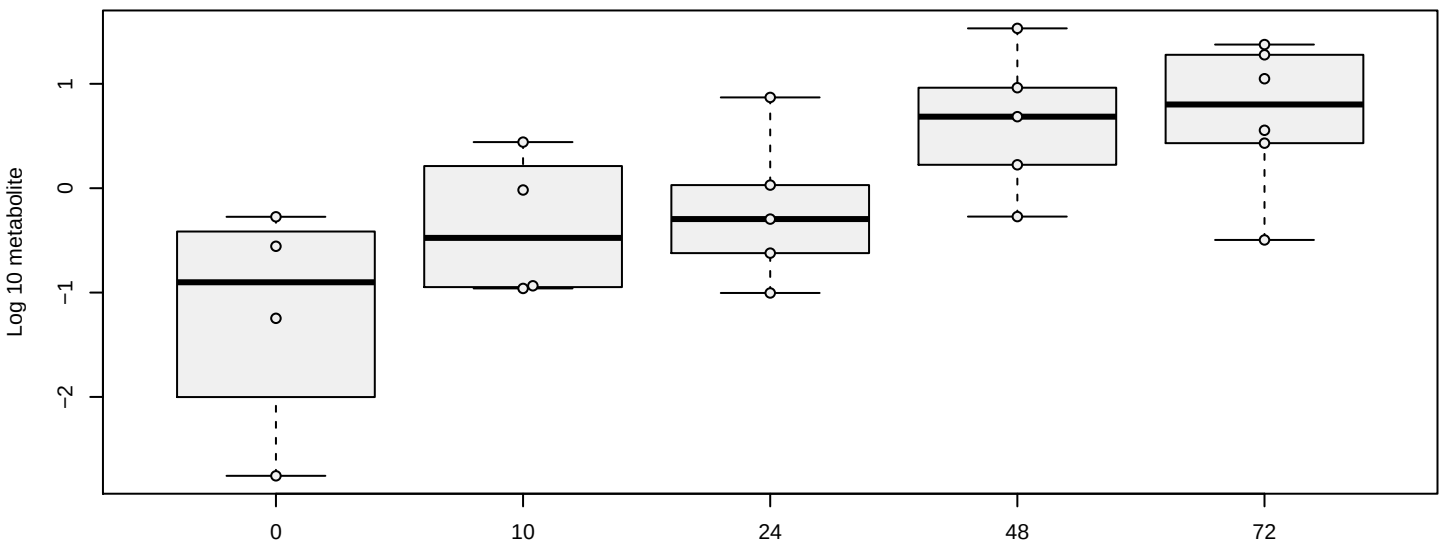
hit 723 metabolite 727 : uridine [cell] , p = 2.3e−05

uridine 5'−diphosphate (UDP) [cell]

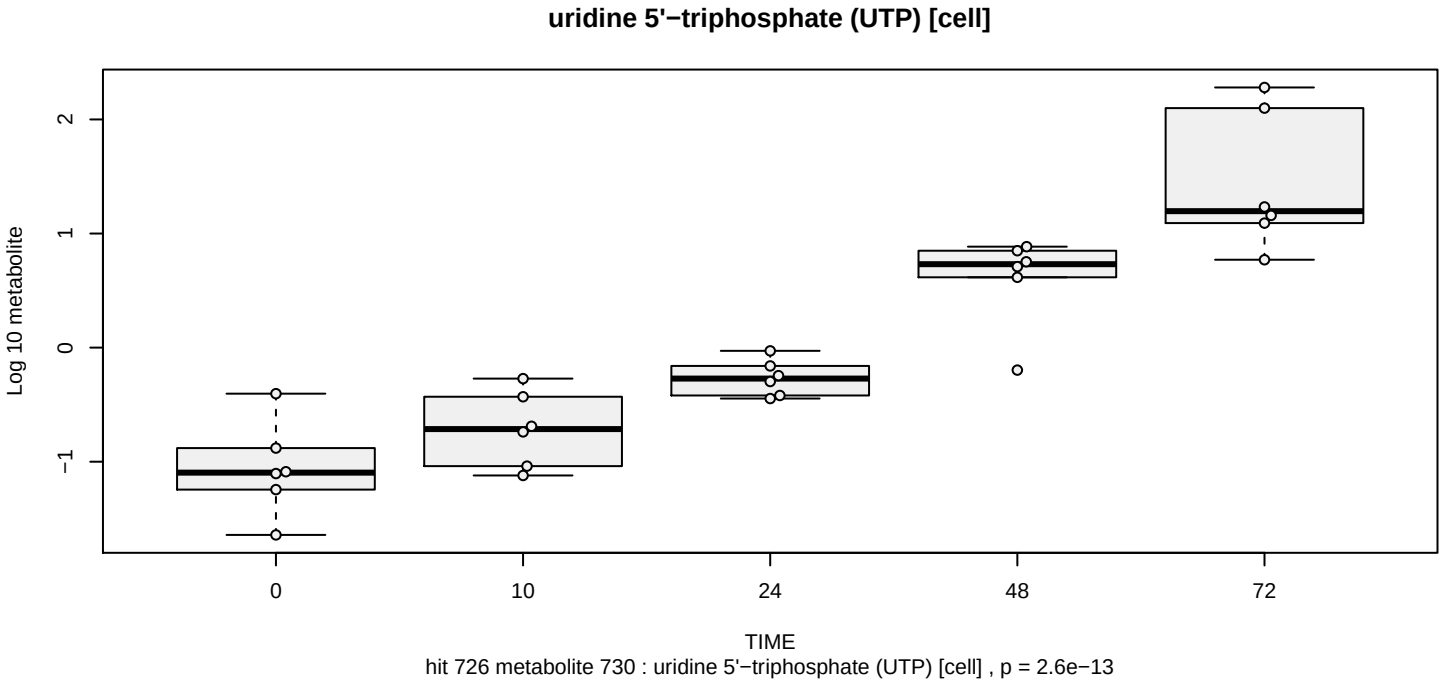


hit 724 metabolite 728 : uridine 5'−diphosphate (UDP) [cell] , p = 1e−13

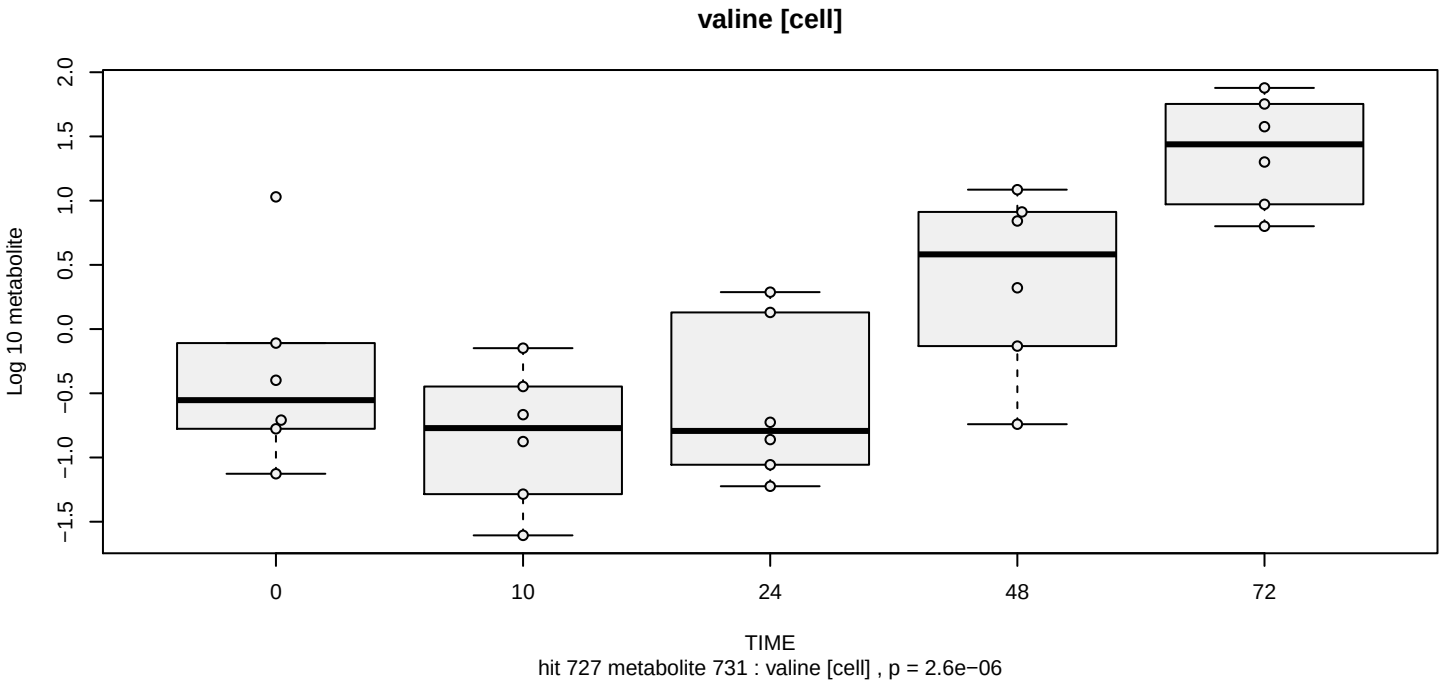
uridine 5'−monophosphate (UMP) [cell]



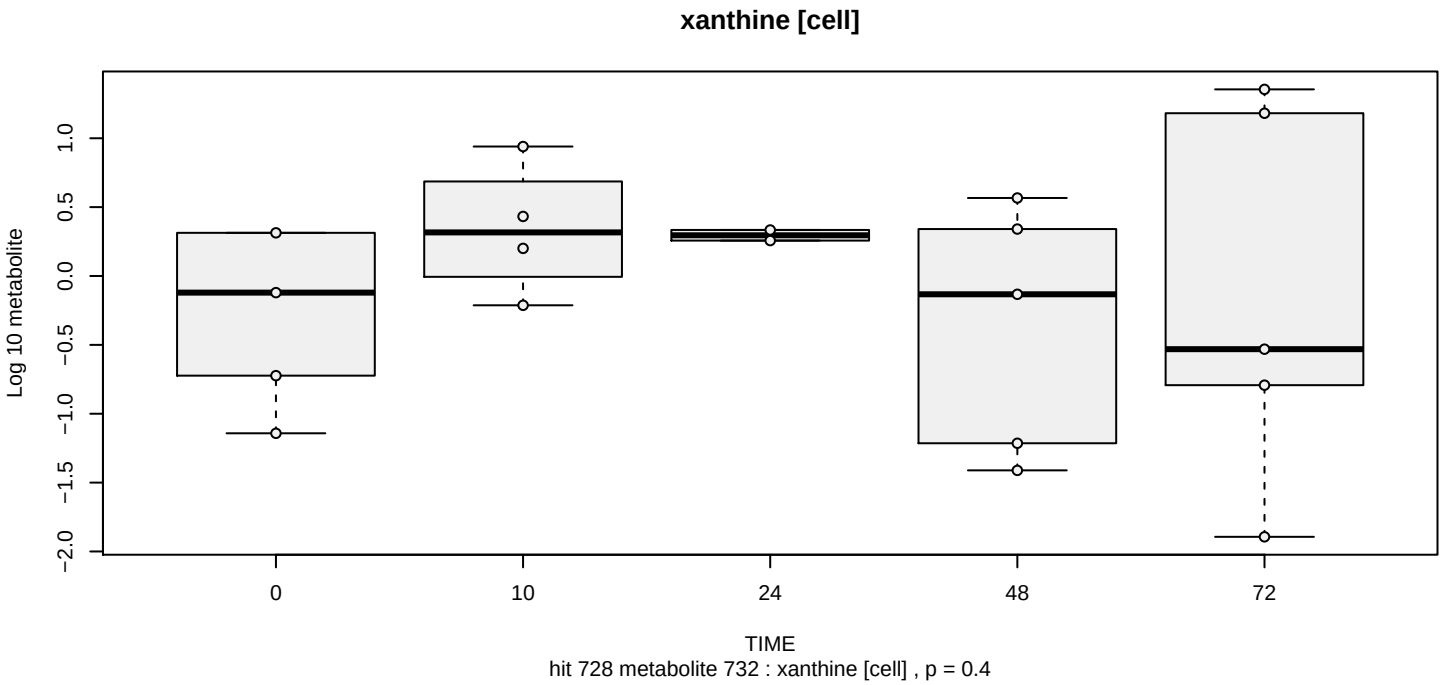
hit 725 metabolite 729 : uridine 5'−monophosphate (UMP) [cell] , p = 0.00046



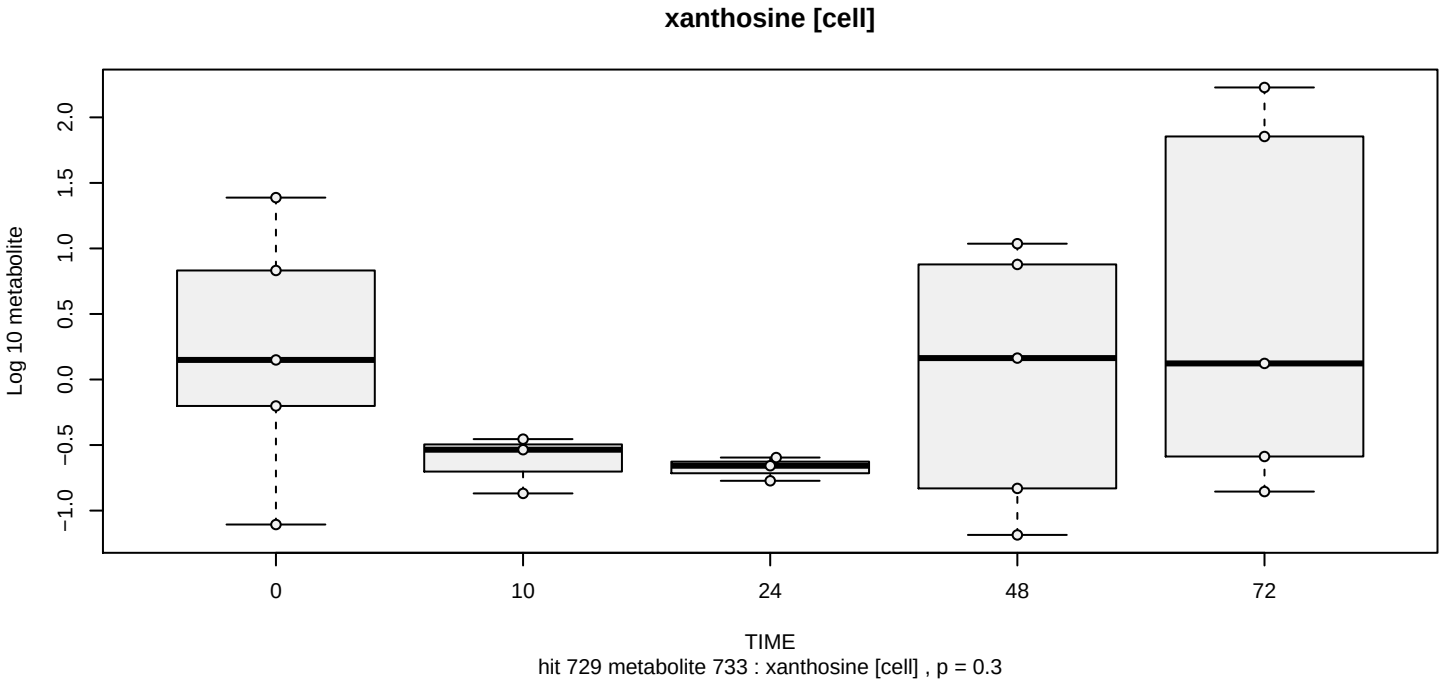
hit 726 metabolite 730 : uridine 5'−triphosphate (UTP) [cell] , p = 2.6e−13



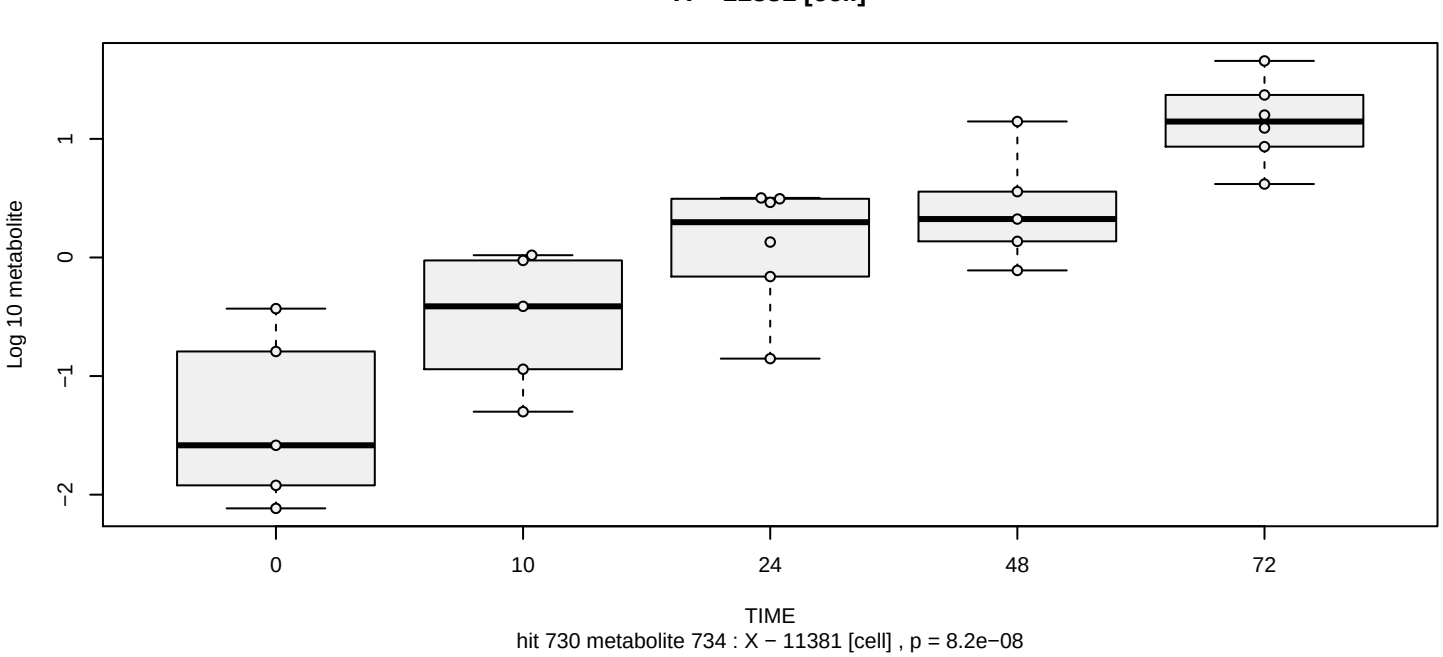
hit 727 metabolite 731 : valine [cell] , p = 2.6e−06



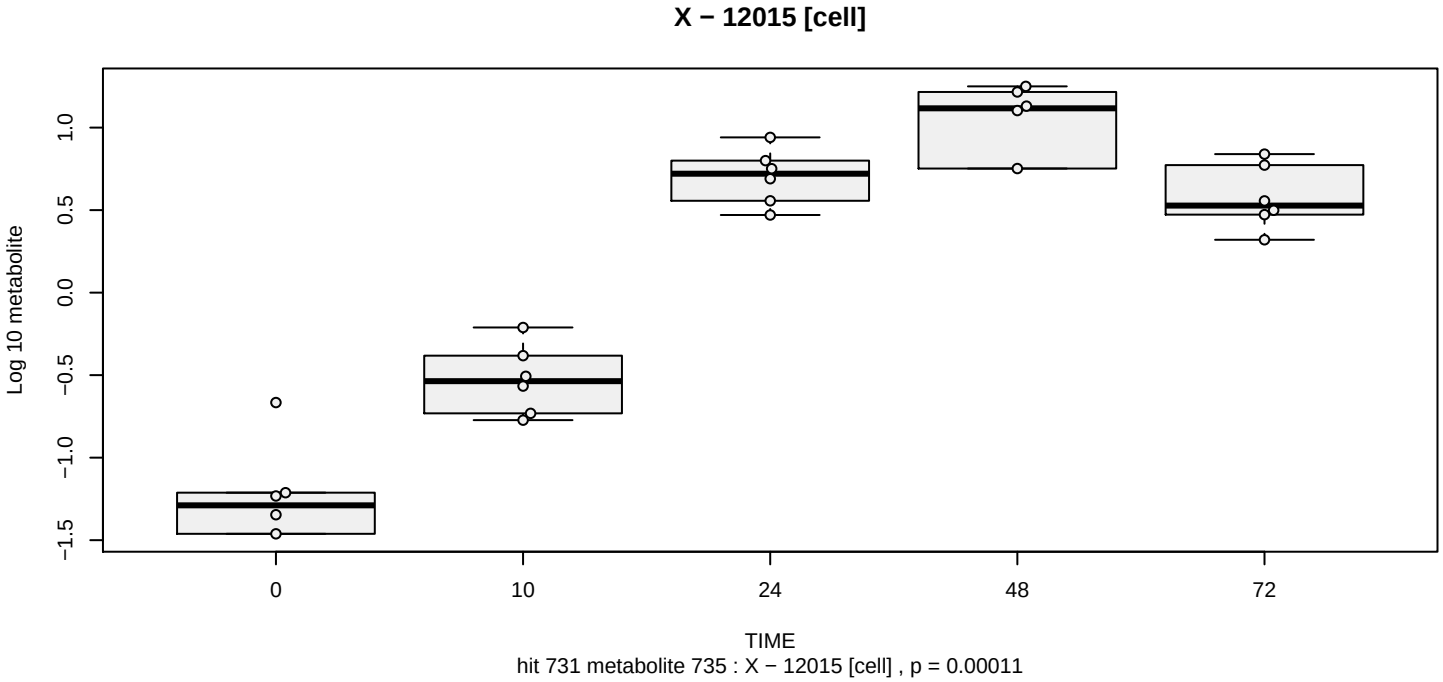
hit 728 metabolite 732 : xanthine [cell] , p = 0.4



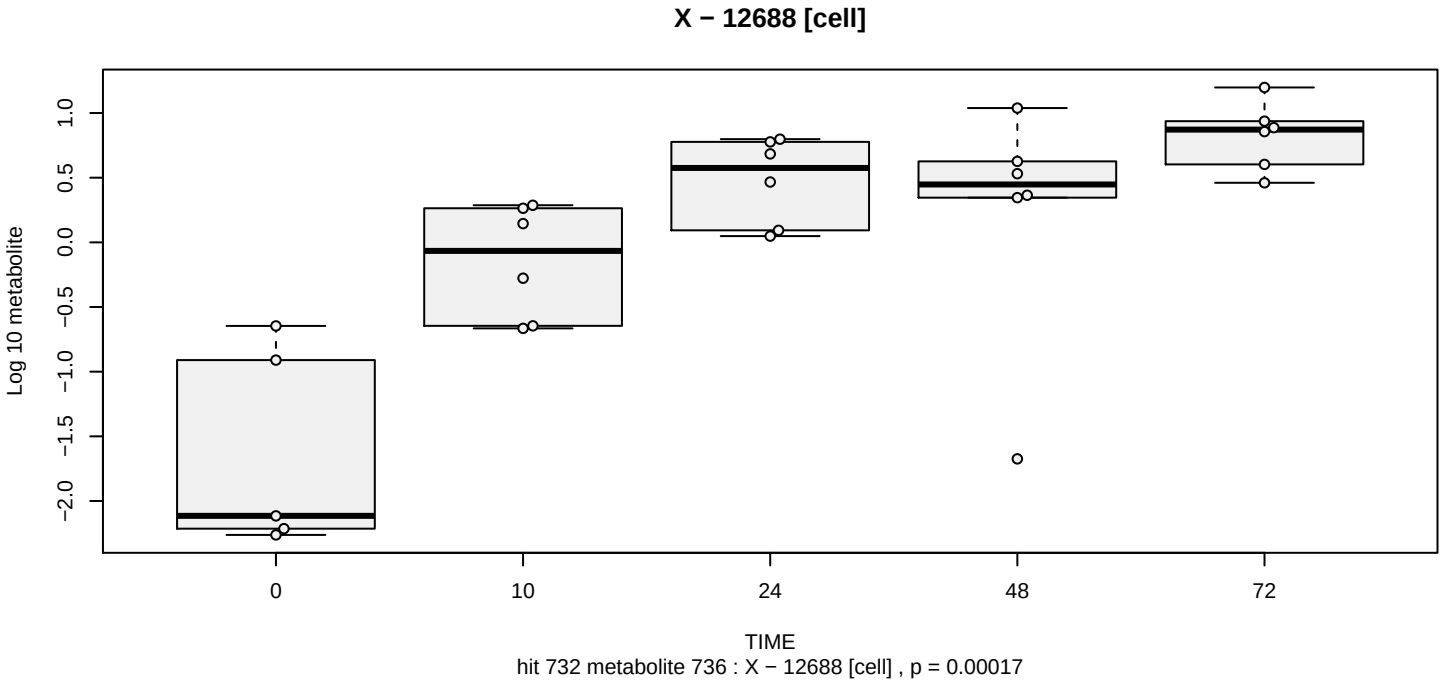
hit 729 metabolite 733 : xanthosine [cell] , p = 0.3



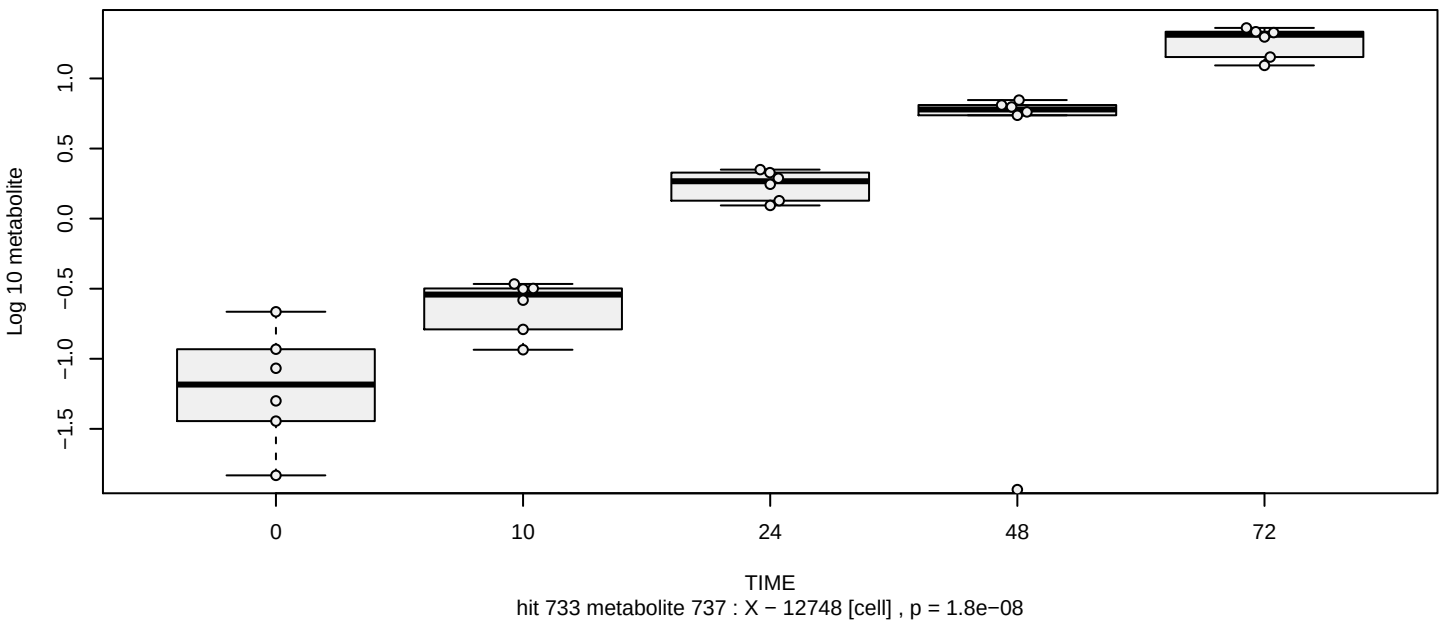
hit 730 metabolite 734 : X − 11381 [cell] , p = 8.2e−08



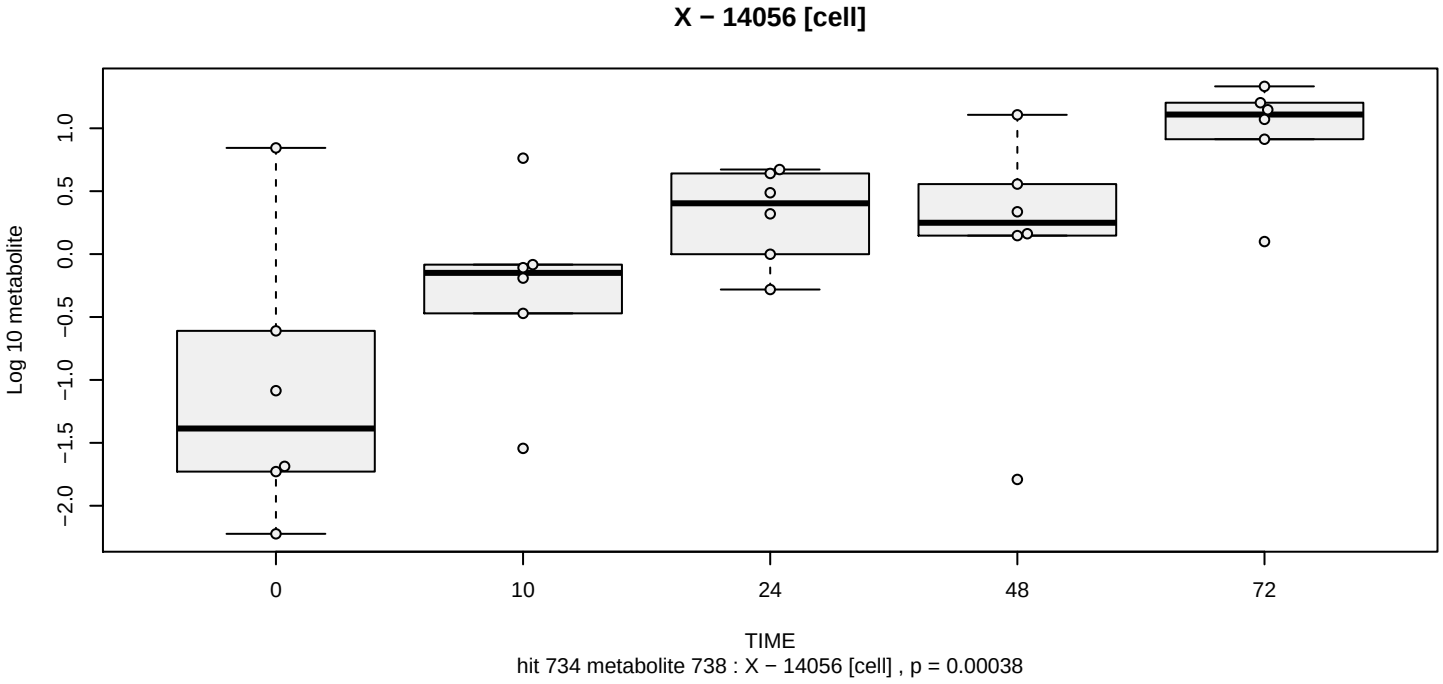
hit 731 metabolite 735 : X − 12015 [cell] , p = 0.00011



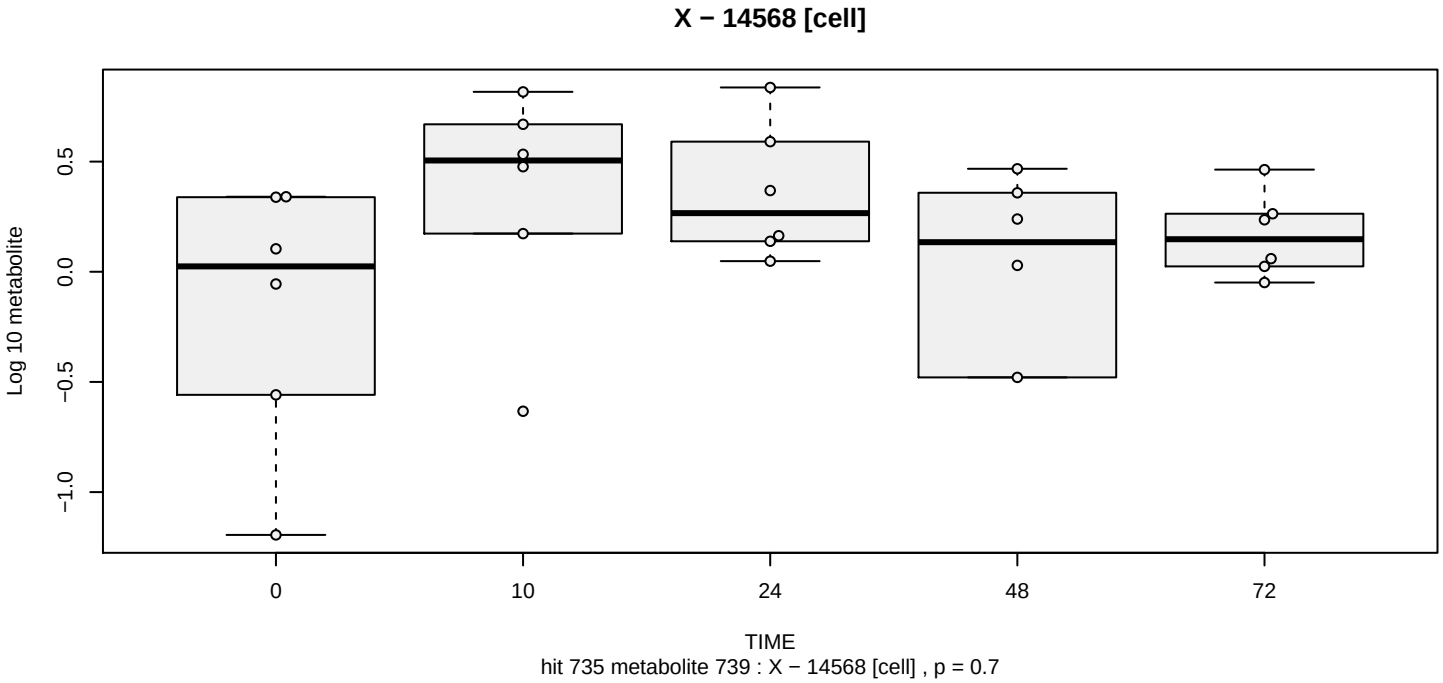
hit 732 metabolite 736 : X − 12688 [cell] , p = 0.00017



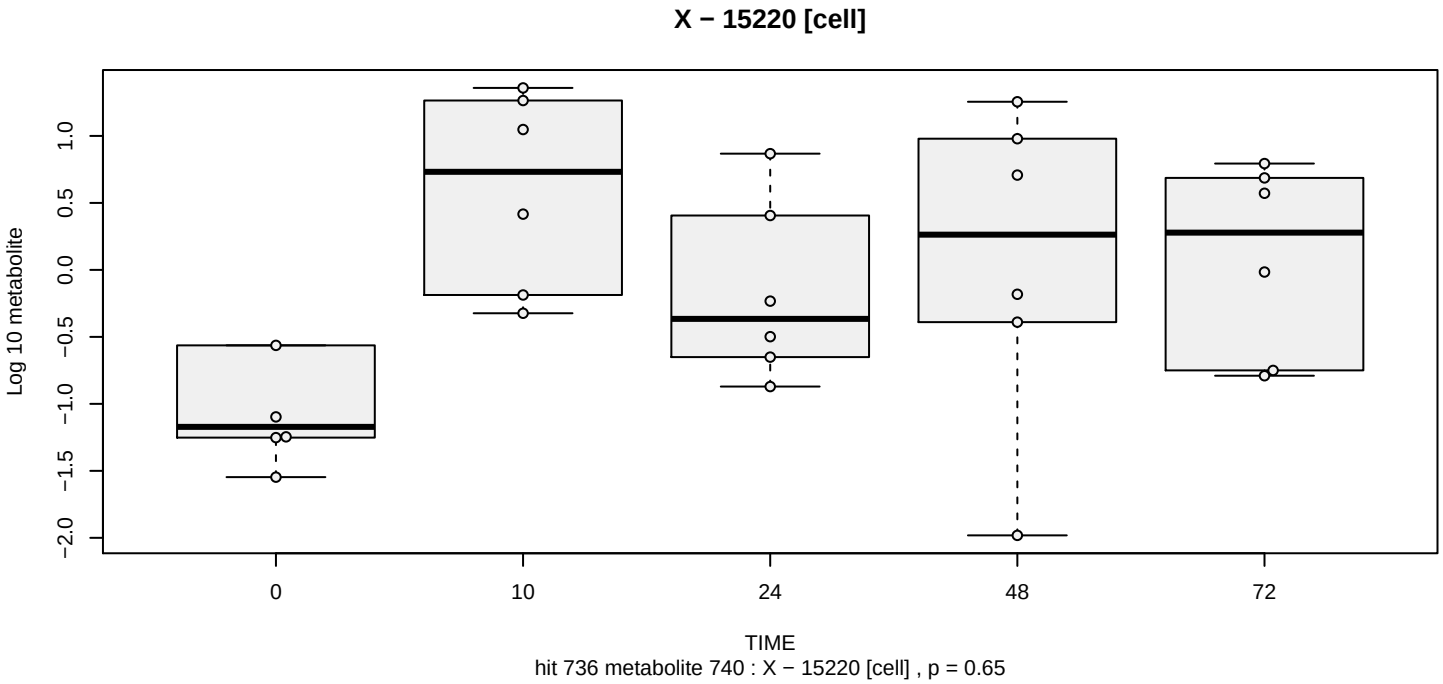
hit 733 metabolite 737 : X − 12748 [cell] , p = 1.8e−08



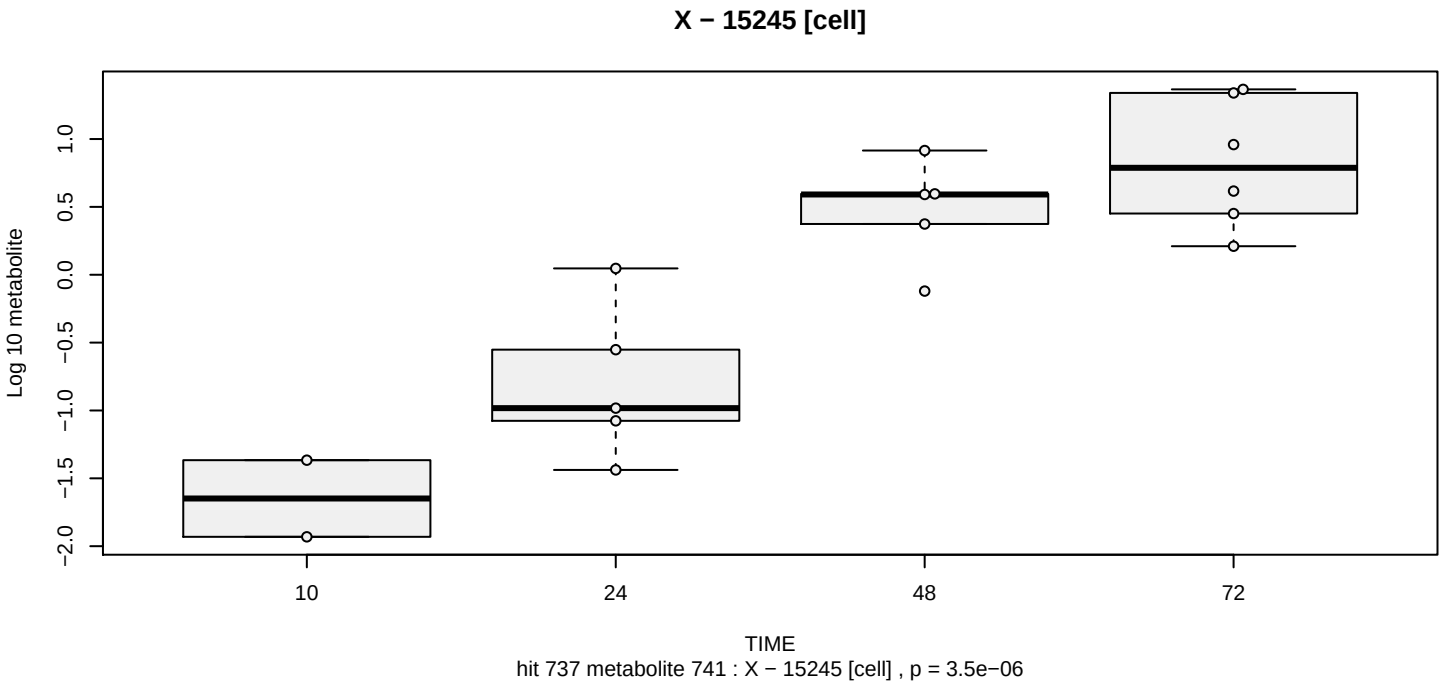
hit 734 metabolite 738 : X − 14056 [cell] , p = 0.00038



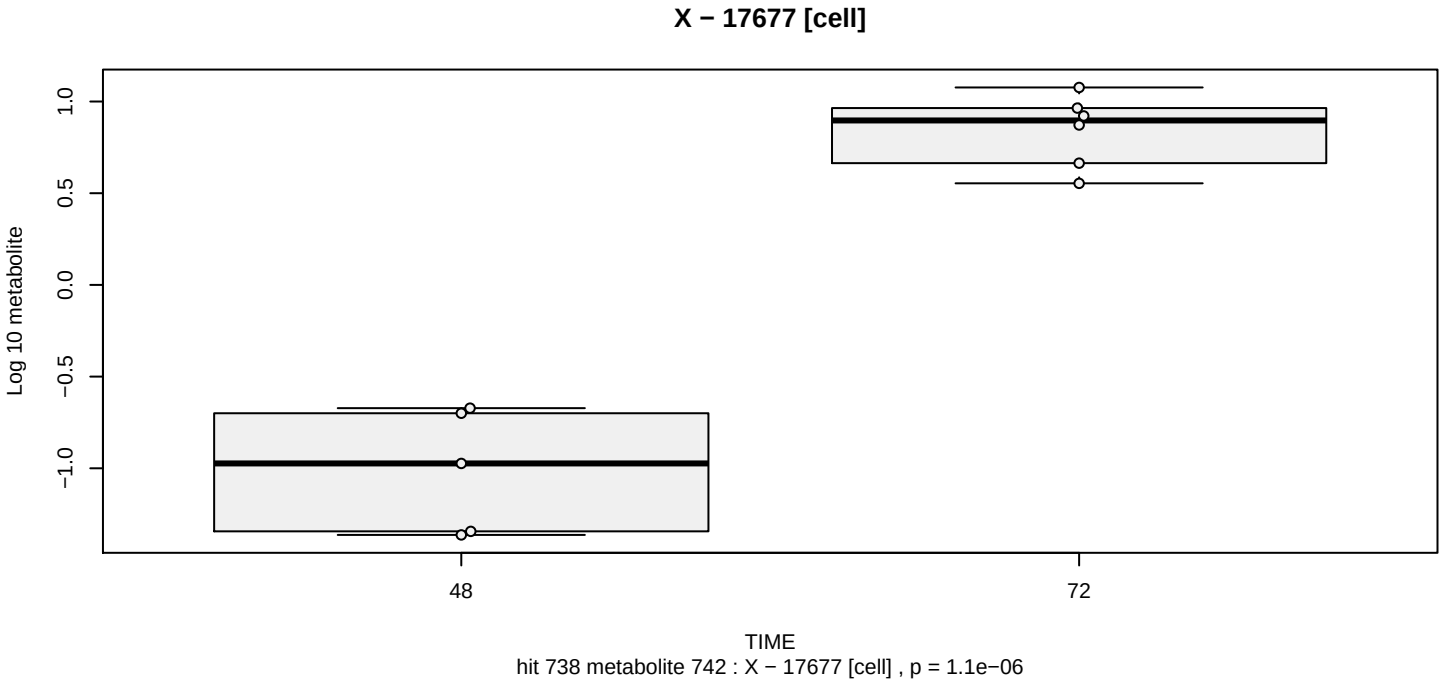
hit 735 metabolite 739 : X − 14568 [cell] , p = 0.7



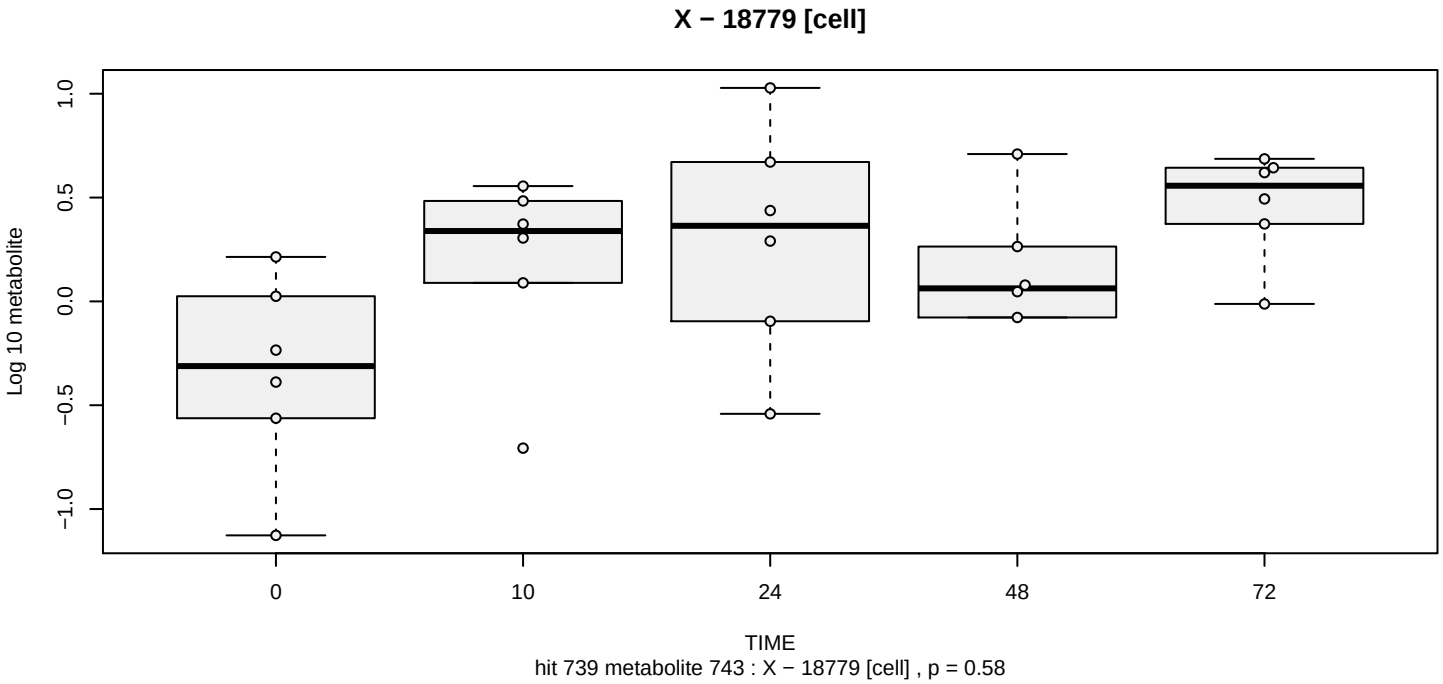
hit 736 metabolite 740 : X − 15220 [cell] , p = 0.65



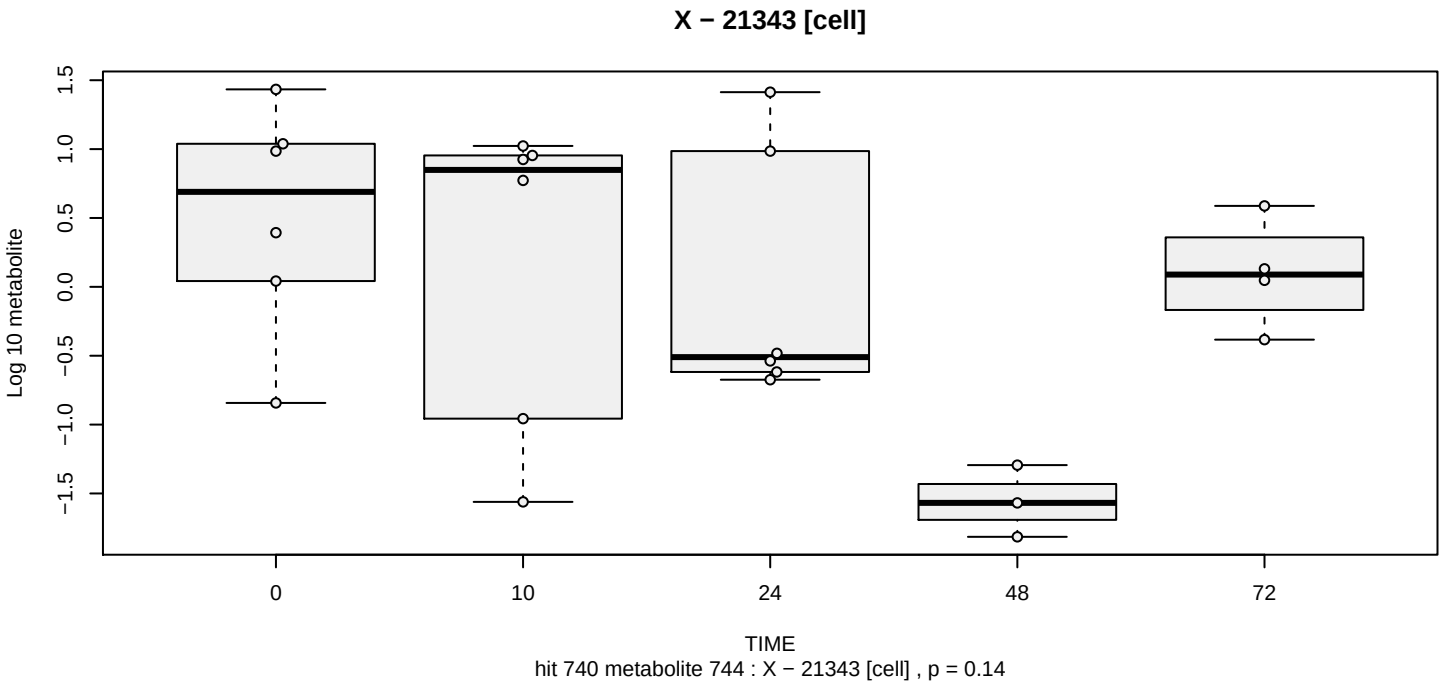
hit 737 metabolite 741 : X − 15245 [cell] , p = 3.5e−06



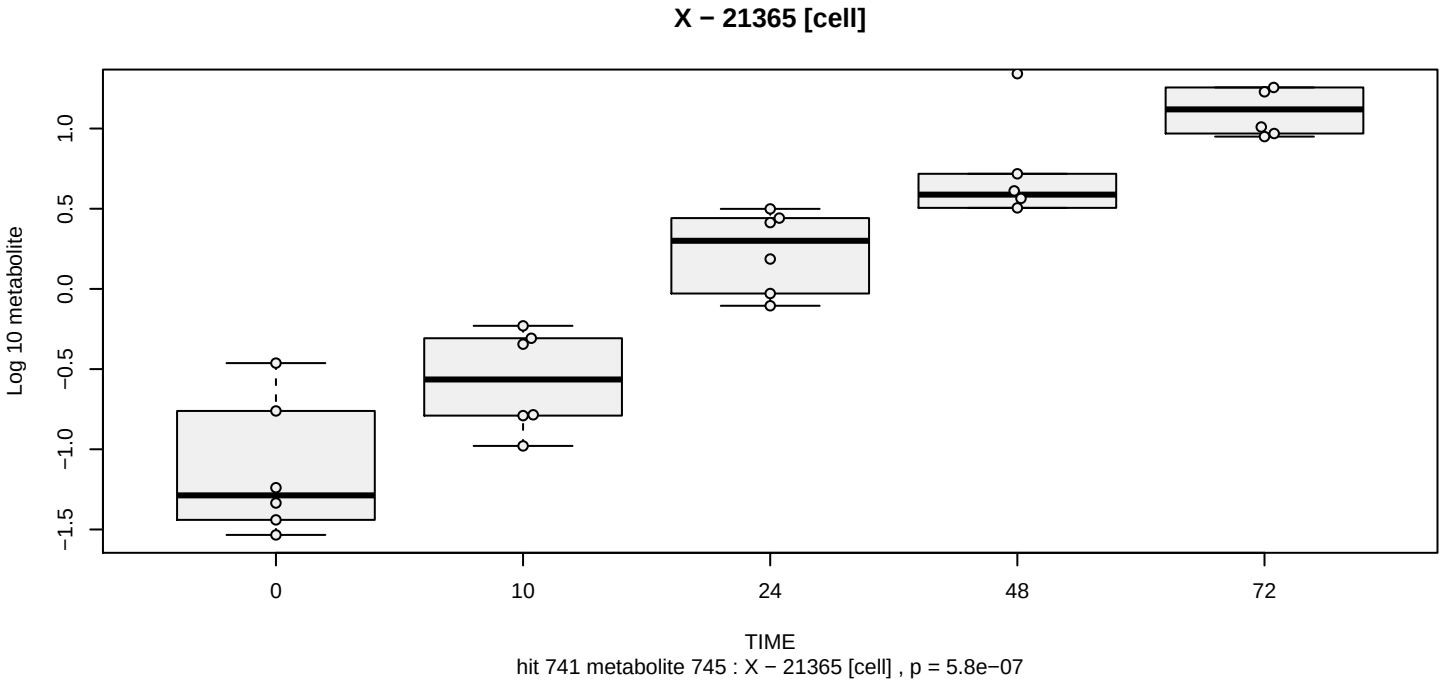
hit 738 metabolite 742 : X − 17677 [cell] , p = 1.1e−06



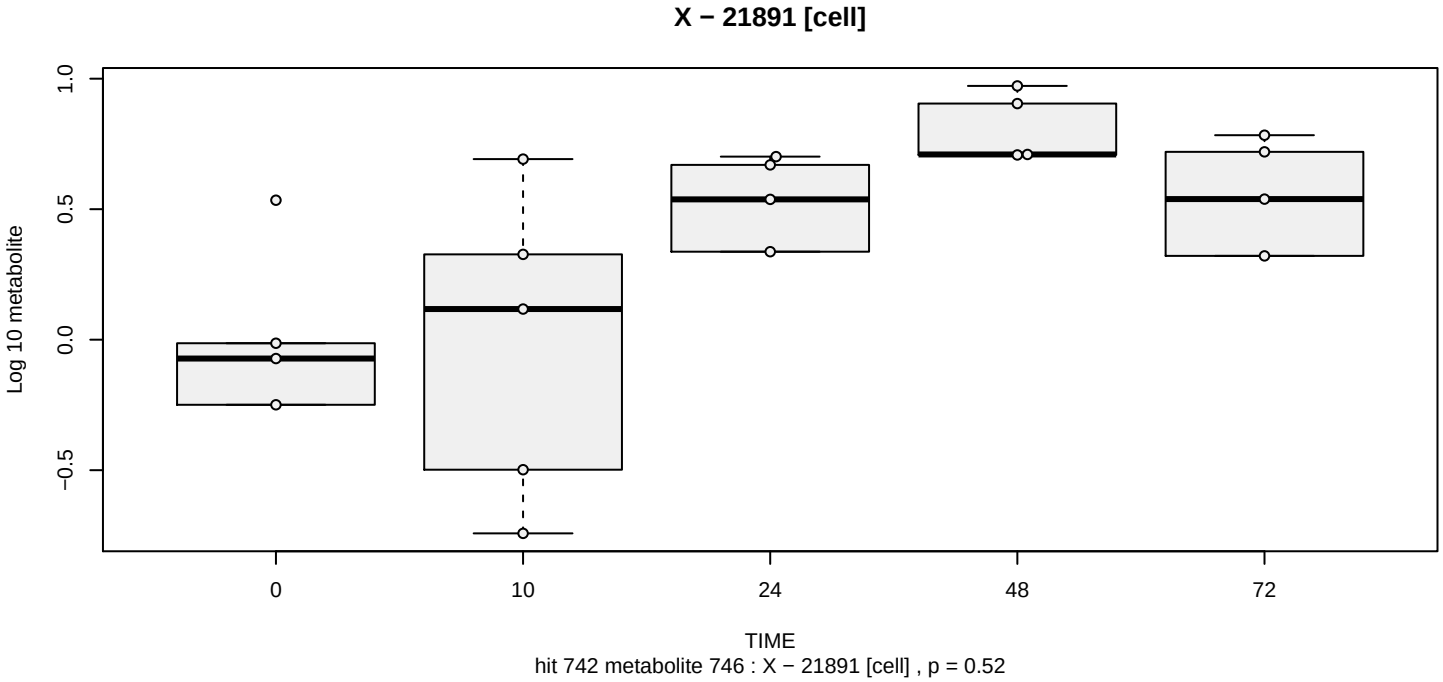
hit 739 metabolite 743 : X − 18779 [cell] , p = 0.58



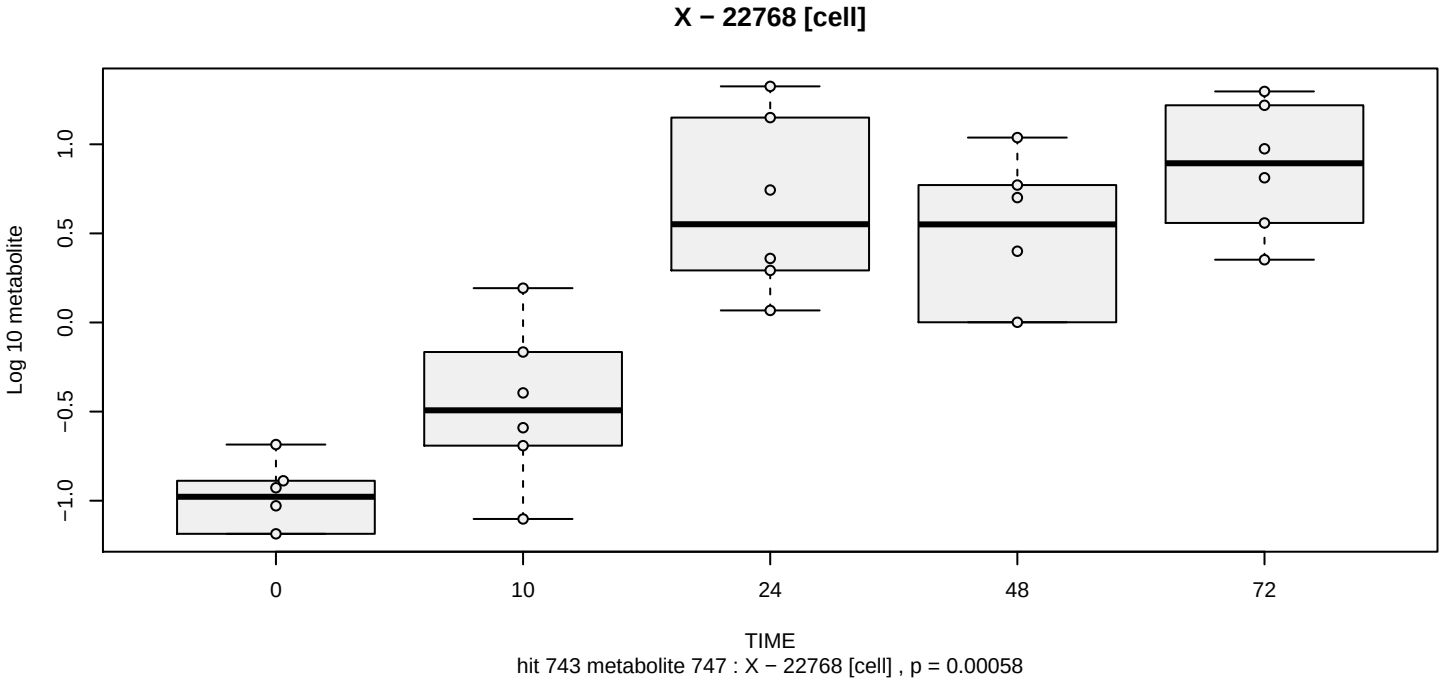
hit 740 metabolite 744 : X − 21343 [cell] , p = 0.14



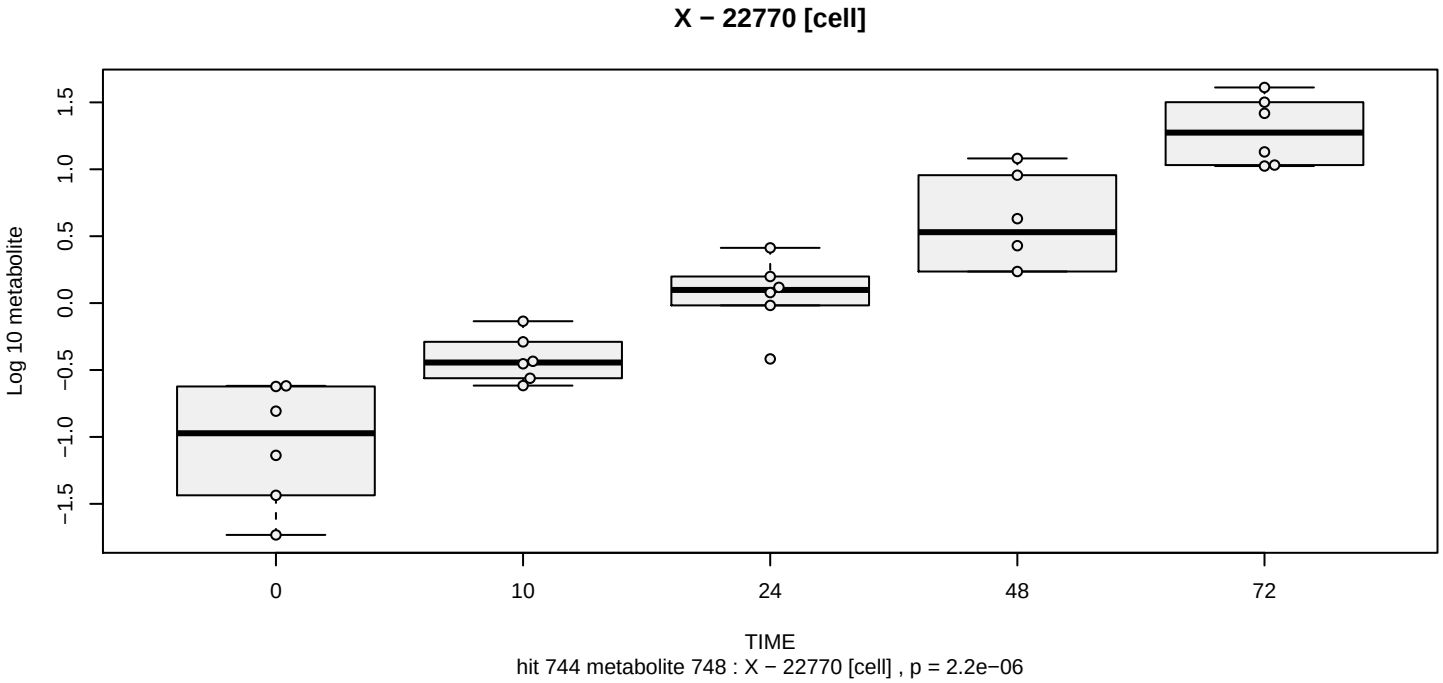
hit 741 metabolite 745 : X − 21365 [cell] , p = 5.8e−07



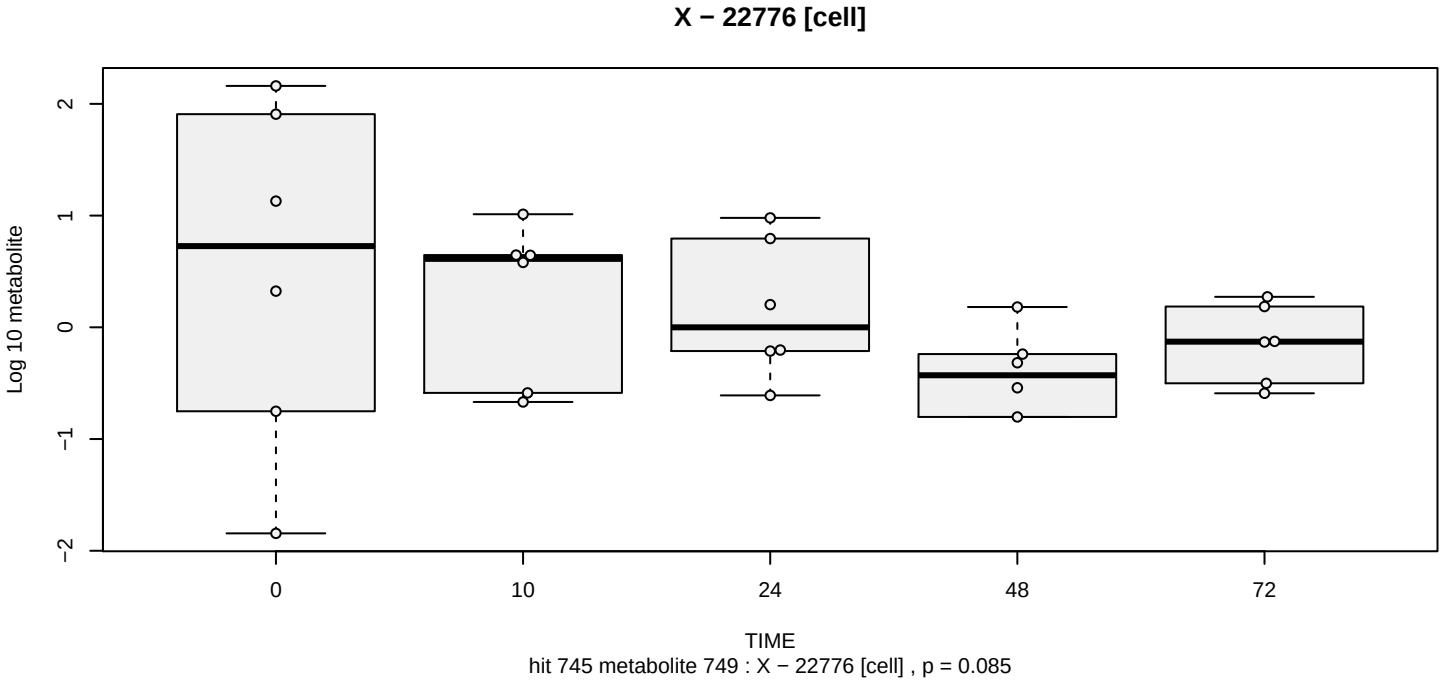
hit 742 metabolite 746 : X − 21891 [cell] , p = 0.52



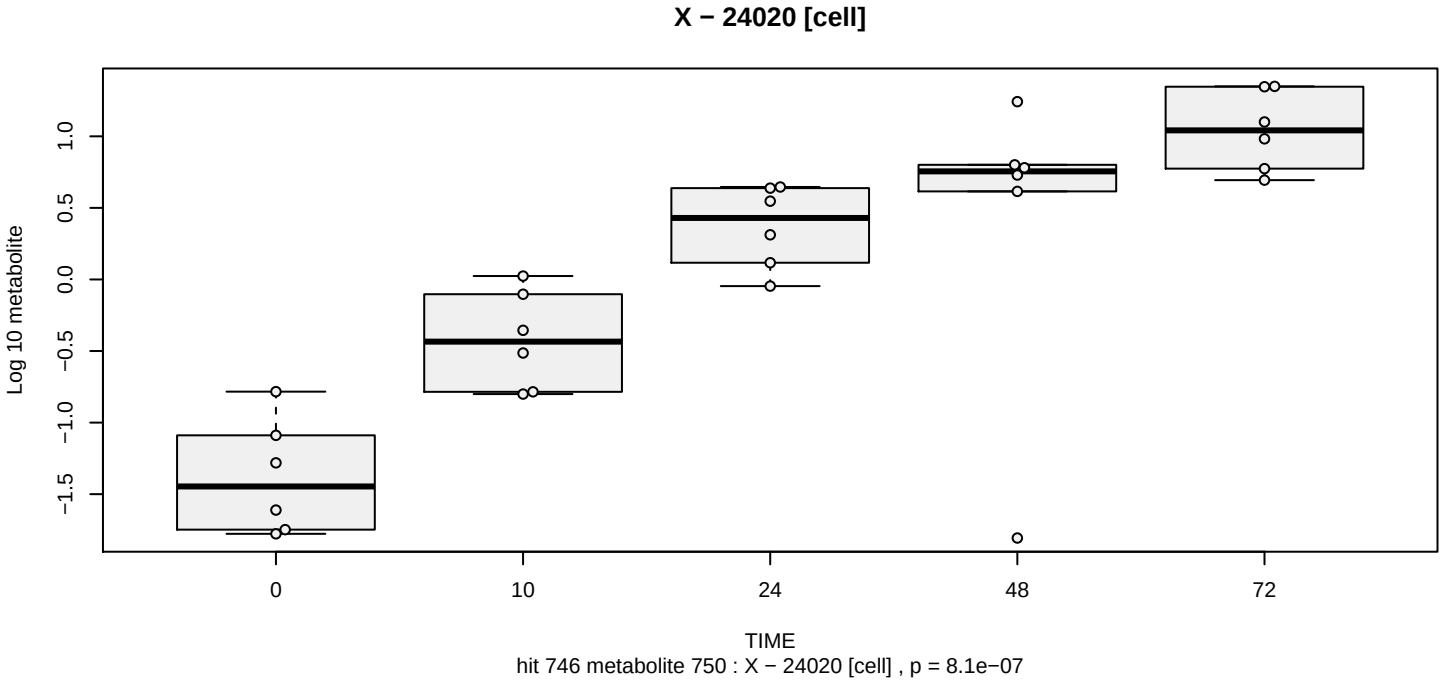
hit 743 metabolite 747 : X − 22768 [cell] , p = 0.00058



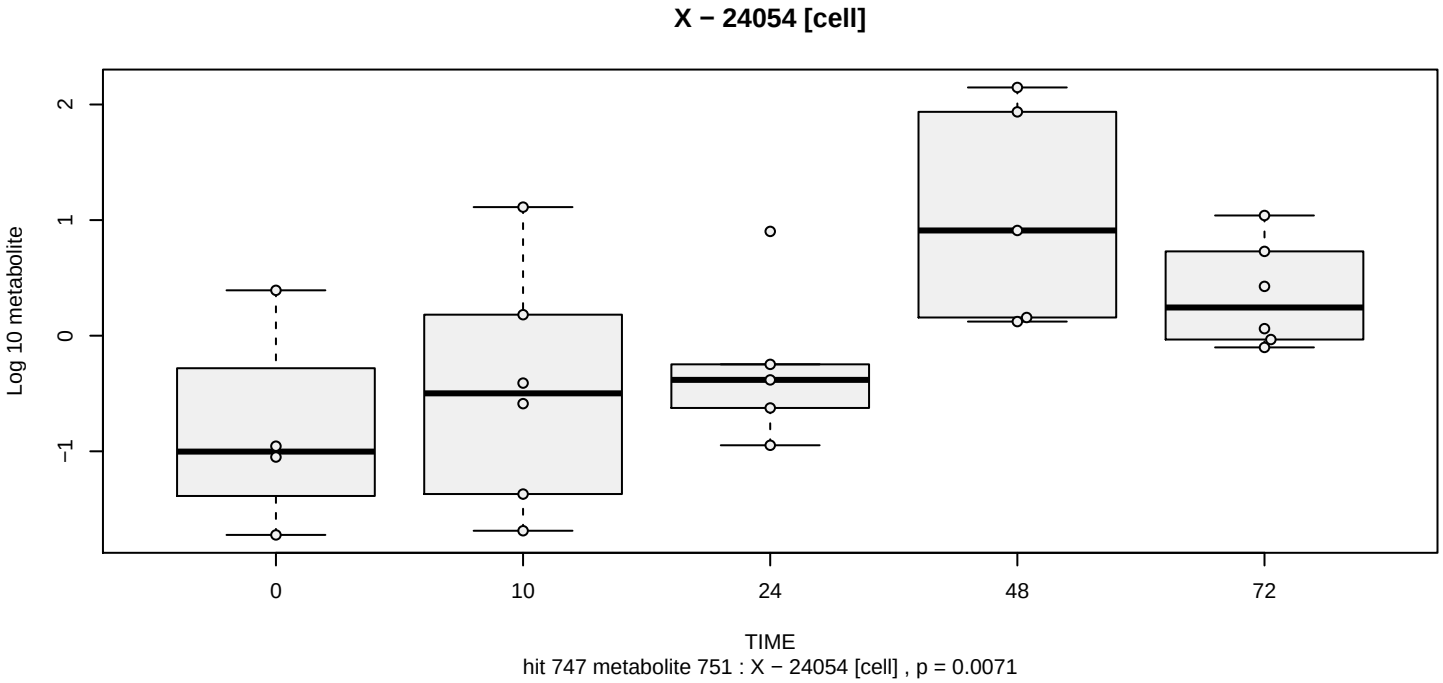
hit 744 metabolite 748 : X − 22770 [cell] , p = 2.2e−06



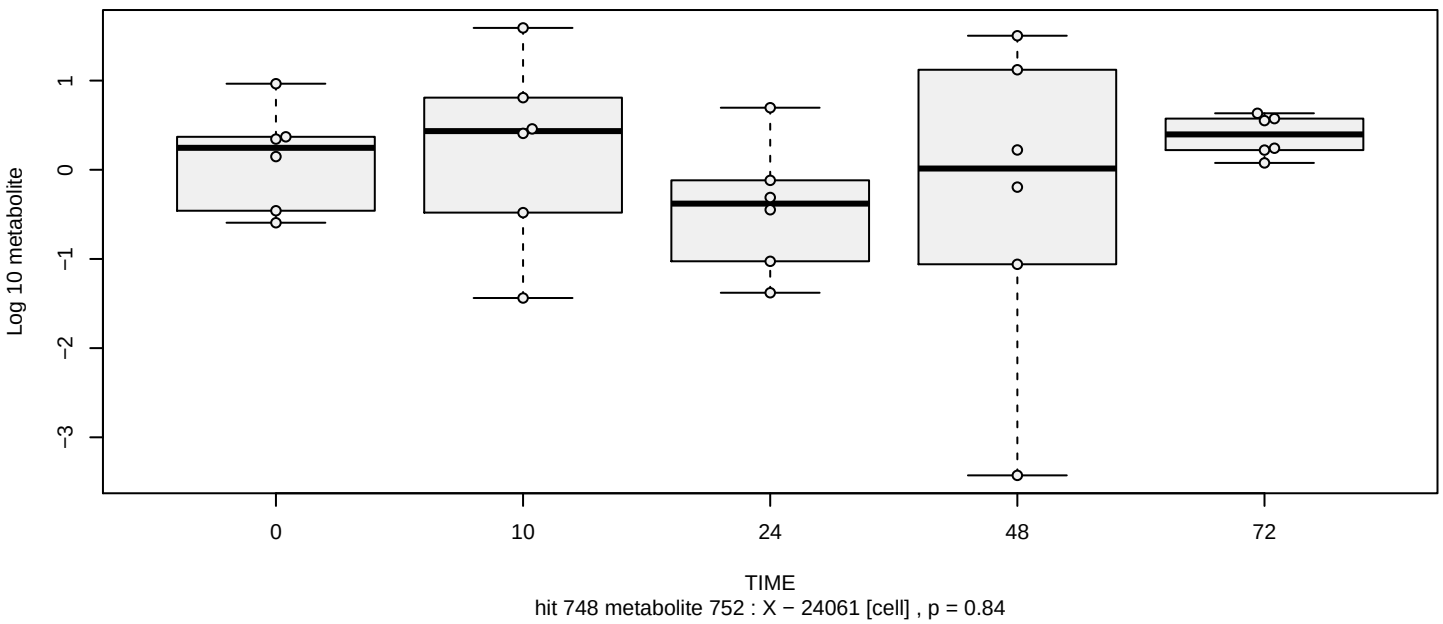
hit 745 metabolite 749 : X − 22776 [cell] , p = 0.085



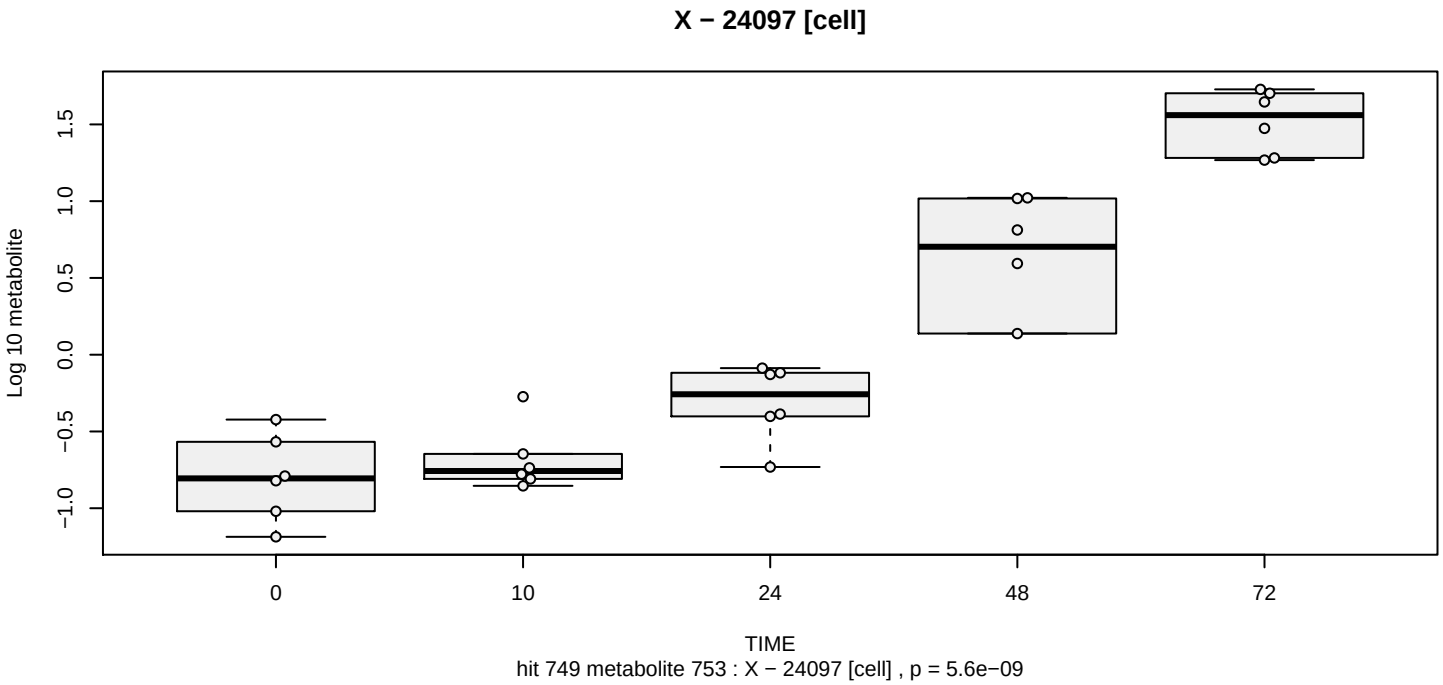
hit 746 metabolite 750 : X − 24020 [cell] , p = 8.1e−07



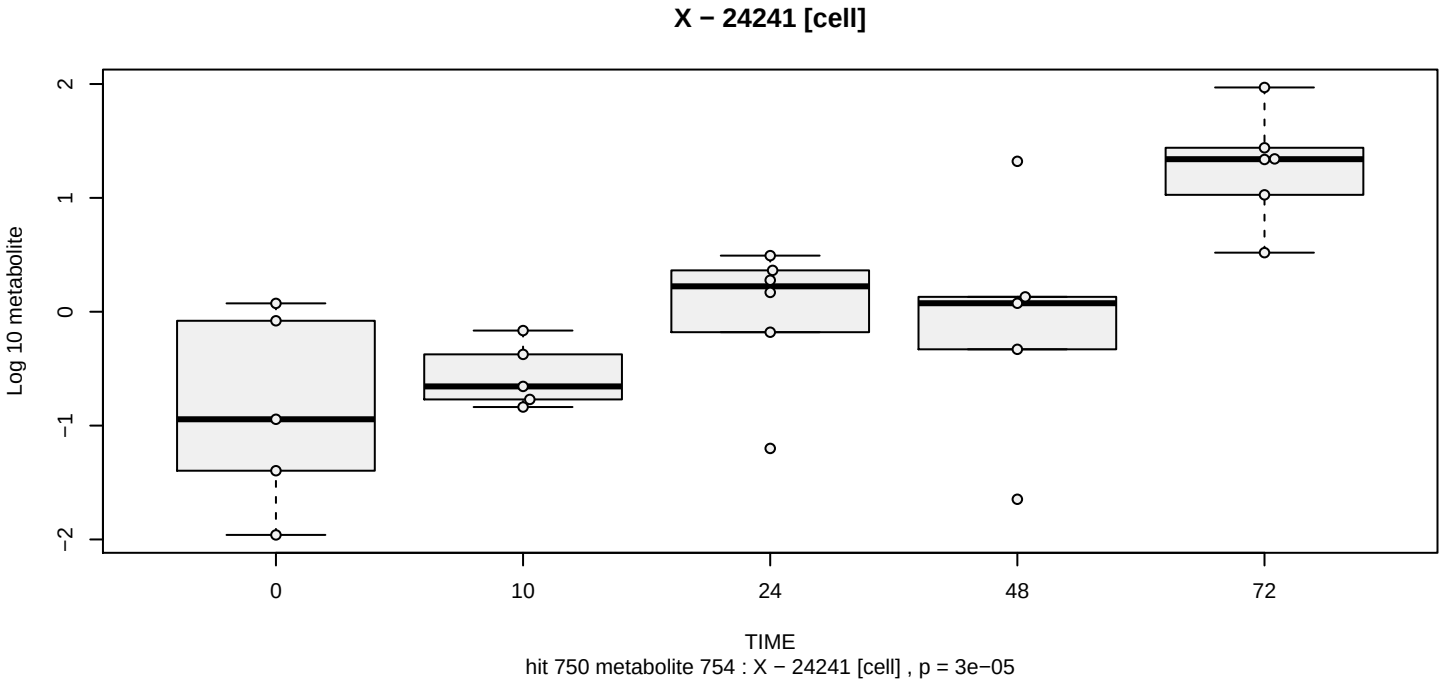
hit 747 metabolite 751 : X − 24054 [cell] , p = 0.0071



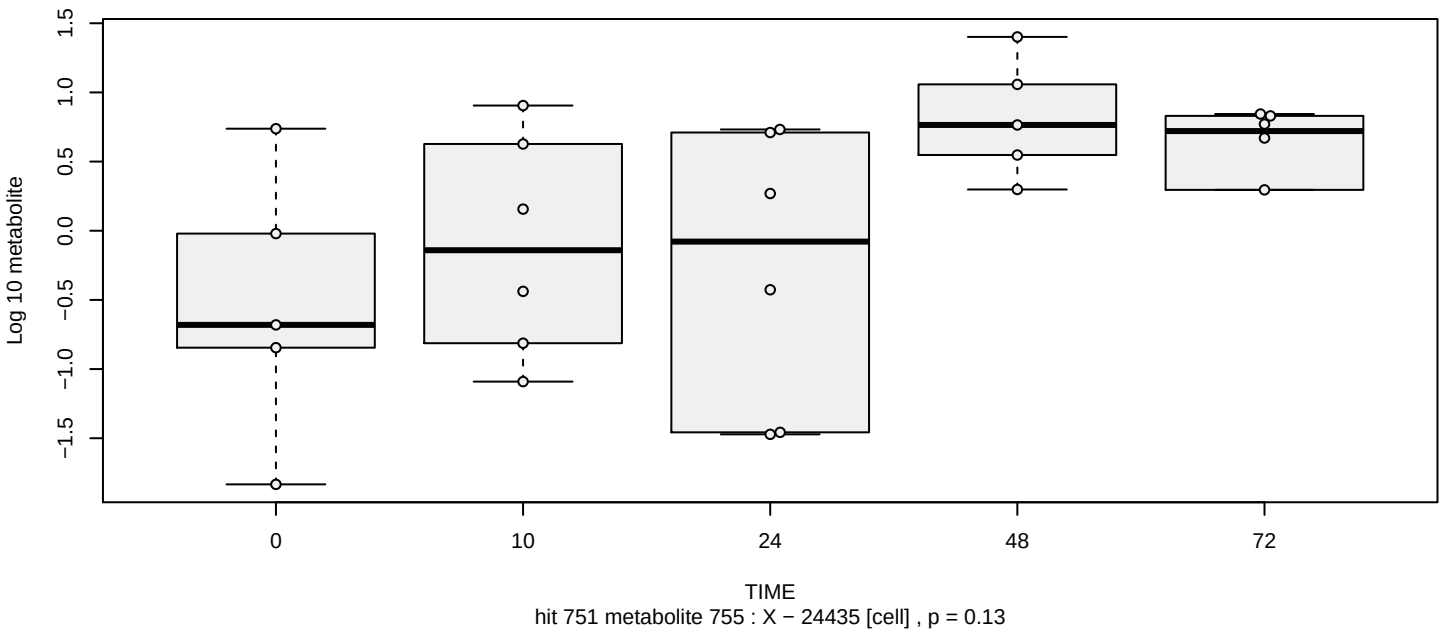
hit 748 metabolite 752 : X − 24061 [cell] , p = 0.84



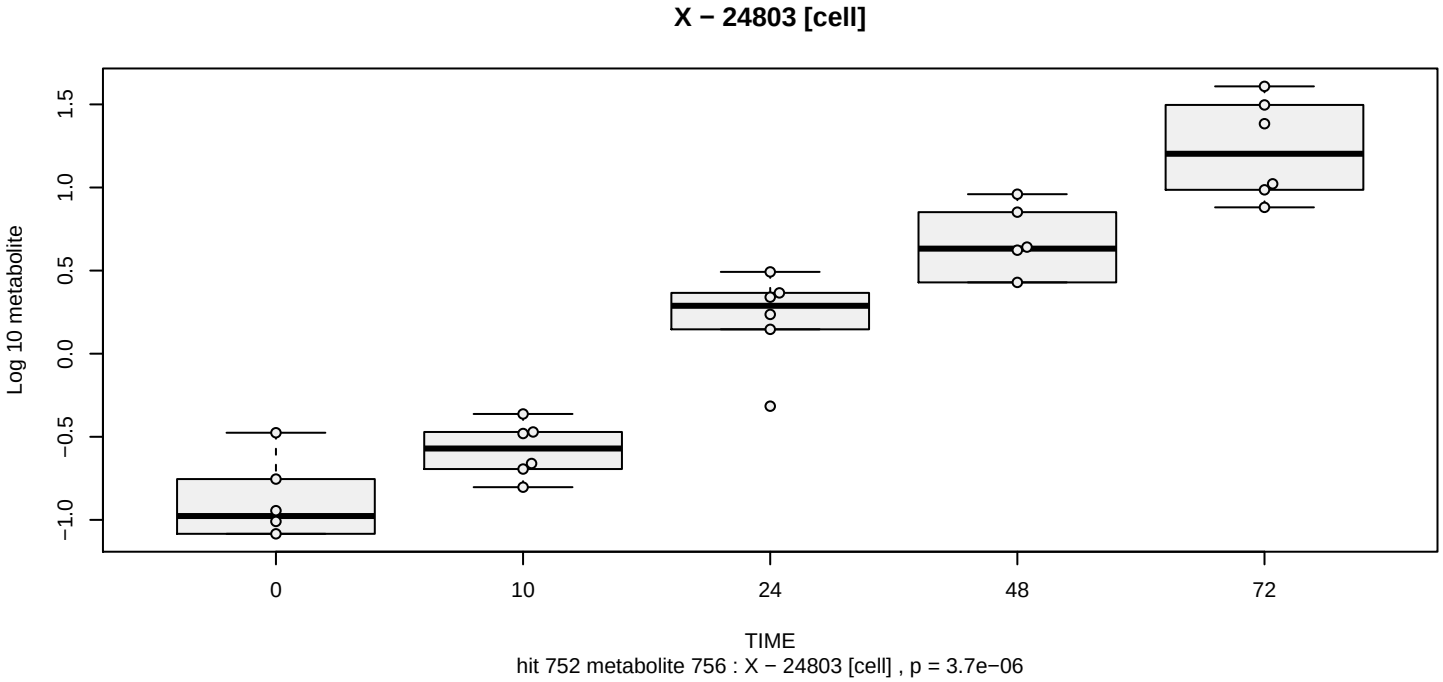
hit 749 metabolite 753 : X − 24097 [cell] , p = 5.6e−09



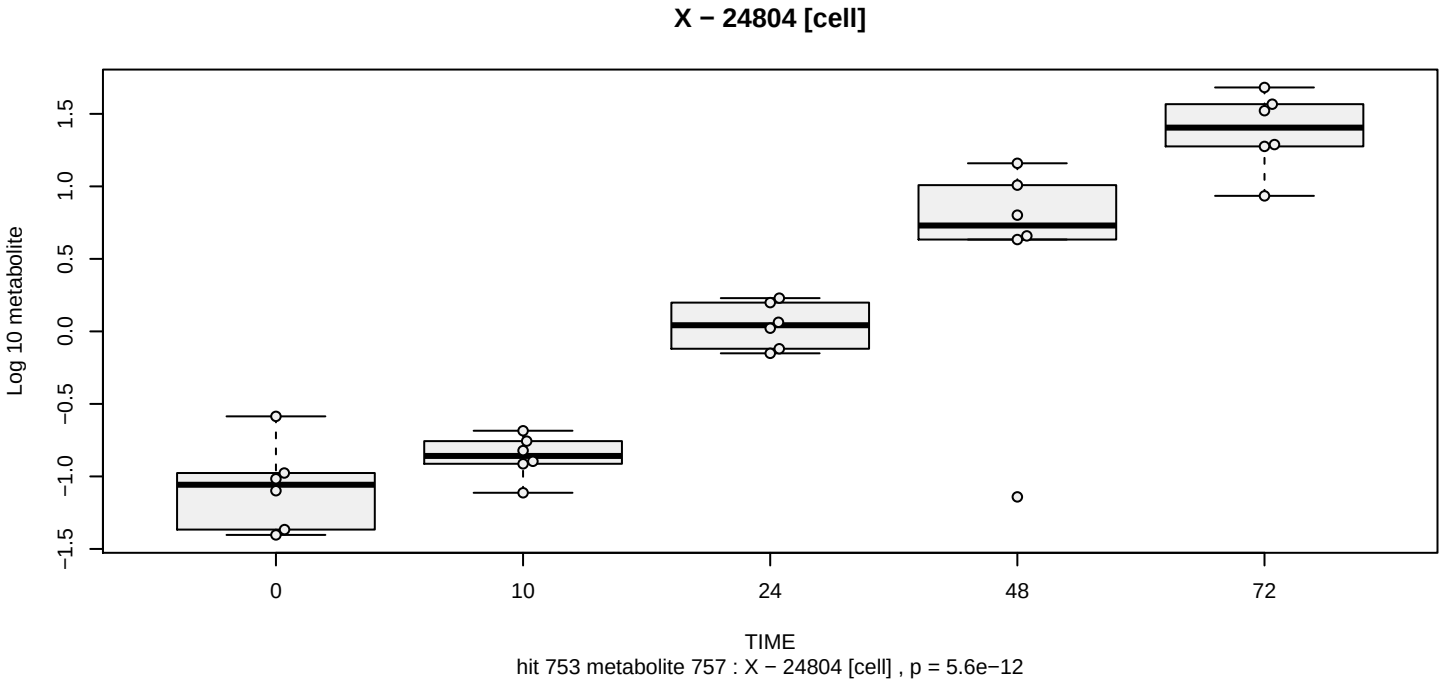
hit 750 metabolite 754 : X − 24241 [cell] , p = 3e−05



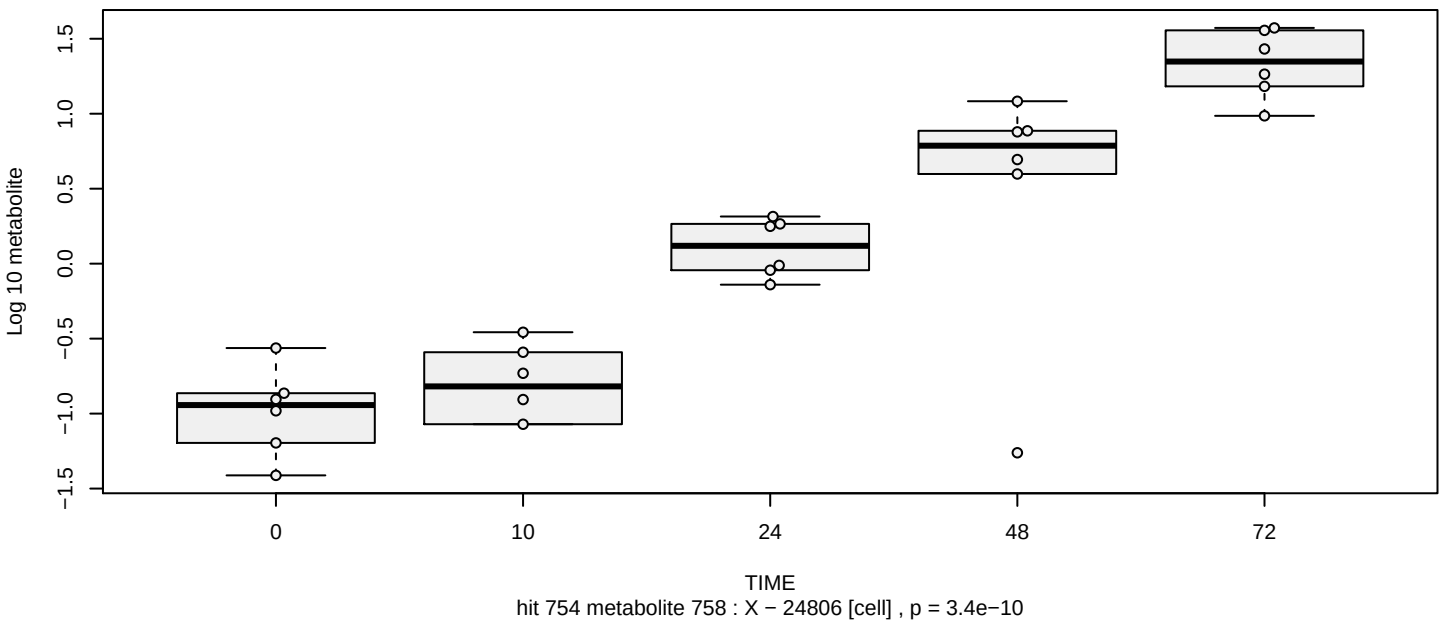
hit 751 metabolite 755 : X − 24435 [cell] , p = 0.13



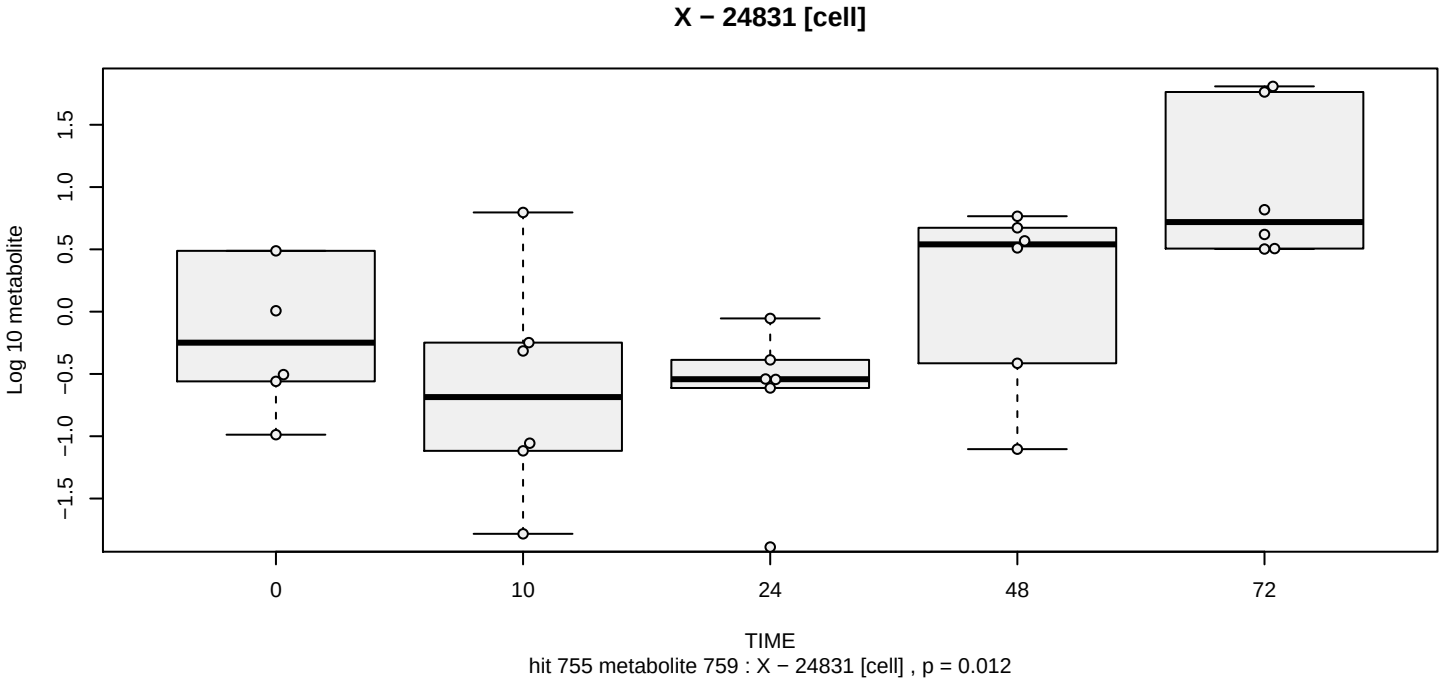
hit 752 metabolite 756 : X − 24803 [cell] , p = 3.7e−06



hit 753 metabolite 757 : X − 24804 [cell] , p = 5.6e−12



hit 754 metabolite 758 : X − 24806 [cell] , p = 3.4e−10



hit 755 metabolite 759 : X − 24831 [cell] , p = 0.012