

ID	nsnp	b	se	pval	OR(95%CI)
Methionine sulfoxide levels	21	0.1160293	0.05865943	0.047926957	1.12(1.00 to 1.26)
Glycdeoxycholate levels	21	0.1840579	0.07779783	0.017988786	1.20(1.03 to 1.40)
Indoleacetate levels	21	0.1559017	0.05774178	0.006934350	1.17(1.04 to 1.31)
5-hydroxyhexanoate levels	21	0.1613240	0.06272190	0.010109777	1.18(1.04 to 1.33)
Propionylcarnitine (c3) levels	21	0.1435719	0.06244900	0.021503452	1.15(1.02 to 1.30)
Tauro-beta-muricholate levels	21	0.2251790	0.07864016	0.004191087	1.25(1.07 to 1.46)
Indolebutyrate levels	21	0.2890294	0.07873530	0.000242000	1.34(1.14 to 1.56)
5,6-dihydrouridine levels	21	0.1160735	0.05659647	0.040277058	1.12(1.01 to 1.25)
Taurolithocholate 3-sulfate levels	21	0.1778718	0.06778620	0.008690075	1.19(1.05 to 1.36)
Glycolithocholate sulfate levels	21	0.1323903	0.05856392	0.023783277	1.14(1.02 to 1.28)
Indoleacetylglutamine levels	21	0.1813976	0.06573840	0.005791019	1.20(1.05 to 1.36)
Taurocholenate sulfate levels	21	0.1281626	0.05845126	0.028333331	1.14(1.01 to 1.27)
2-oxoarginine levels	21	0.1434911	0.05763358	0.012784616	1.15(1.03 to 1.29)
Glycohyocholate levels	21	0.1935986	0.06248062	0.001944779	1.21(1.07 to 1.37)
Ferulic acid 4-sulfate levels	21	0.1624753	0.06326575	0.010224591	1.18(1.04 to 1.33)
Methionine sulfone levels	21	0.1330127	0.05499719	0.015583072	1.14(1.03 to 1.27)
3-methylglutaryl-carnitine (2) levels	21	0.1100197	0.05517025	0.046131810	1.12(1.00 to 1.24)
Sphingomyelin (d18:1/24:1, d18:2/24:0) levels	21	0.1345544	0.06803036	0.047944778	1.14(1.00 to 1.31)
Vanillic alcohol sulfate levels	21	0.1567925	0.07425890	0.034735362	1.17(1.01 to 1.35)
2-methoxyresorcinol sulfate levels	21	0.1568559	0.07384377	0.033656857	1.17(1.01 to 1.35)
6-hydroxyindole sulfate levels	21	0.1279733	0.05781468	0.026862611	1.14(1.01 to 1.27)
Sphingomyelin (d17:2/16:0, d18:2/15:0) levels	21	-0.1262318	0.05176990	0.014755528	0.88(0.80 to 0.98)
Docosatrienoate (22:3n6) levels	21	0.1517426	0.07574731	0.045147960	1.16(1.00 to 1.35)
Glyco-beta-muricholate levels	21	0.1440662	0.06279234	0.021771673	1.15(1.02 to 1.31)
3-formylindole levels	21	0.1242088	0.05520469	0.024451020	1.13(1.02 to 1.26)
N-lactoyl phenylalanine levels	21	0.1235524	0.05619437	0.027902022	1.13(1.01 to 1.26)
Delta-CEHC levels	21	0.1349676	0.06759520	0.045857342	1.14(1.00 to 1.31)
Taurochenodeoxycholic acid 3-sulfate levels	21	0.1517640	0.06303469	0.016056590	1.16(1.03 to 1.32)
5-hydroxymethyl-2-furoylcarnitine levels	21	0.1559942	0.07451011	0.036295867	1.17(1.01 to 1.35)
Vanillic acid glycine levels	21	0.1337685	0.06156452	0.029793985	1.14(1.01 to 1.29)
(S)-a-amino-omega-caprolactam levels	21	0.1597278	0.05384801	0.003014343	1.17(1.06 to 1.30)
Cys-gly, oxidized levels	21	0.1274990	0.05784351	0.027509915	1.14(1.01 to 1.27)
Anthraniolate levels	21	0.1771122	0.06926294	0.010554931	1.19(1.04 to 1.37)
Taurocholic acid levels	21	0.1564654	0.06255984	0.012382529	1.17(1.03 to 1.32)
Taurodeoxycholate levels	21	0.1888548	0.07584423	0.012773029	1.21(1.04 to 1.40)
Taurochenodeoxycholate levels	21	0.1258117	0.06359080	0.047877020	1.13(1.00 to 1.28)
4-hydroxyphenylacetate levels	21	0.1576106	0.05824076	0.006805992	1.17(1.04 to 1.31)
Glycocholate levels	21	0.1490496	0.06851639	0.029601216	1.16(1.01 to 1.33)
Caprylate (8:0) levels	21	0.1728909	0.05870943	0.003231032	1.19(1.06 to 1.33)
Caproate (6:0) levels	21	0.1414771	0.06099146	0.020361352	1.15(1.02 to 1.30)
X-11315 levels	21	0.1425520	0.05864043	0.015059246	1.15(1.03 to 1.29)
X-12544 levels	21	0.1887303	0.07320080	0.009930095	1.21(1.05 to 1.39)
X-13695 levels	21	0.2031504	0.06515674	0.001821619	1.23(1.08 to 1.39)
X-13723 levels	21	0.2148165	0.08812510	0.014783837	1.24(1.04 to 1.47)
X-17438 levels	21	0.1409833	0.06796384	0.038043392	1.15(1.01 to 1.32)
X-21286 levels	21	0.1129166	0.05753658	0.049702262	1.12(1.00 to 1.25)
X-21310 levels	21	0.1509925	0.06035436	0.012357564	1.16(1.03 to 1.31)
X-21471 levels	21	0.1309830	0.06002702	0.029104538	1.14(1.01 to 1.28)
X-24418 levels	21	0.2017426	0.06713087	0.002653949	1.22(1.07 to 1.40)
X-24588 levels	21	0.1330163	0.05561687	0.016772621	1.14(1.02 to 1.27)
X-25520 levels	21	0.1222600	0.05959905	0.040230389	1.13(1.01 to 1.27)
Adenosine 3',5'-cyclic monophosphate (cAMP) to taurocholate ratio	21	-0.1693974	0.07175387	0.018234985	0.84(0.73 to 0.97)
Aspartate to glutamate ratio	21	-0.1264323	0.05663472	0.025587463	0.88(0.79 to 0.98)
Thyroxine to taurocholate ratio	21	-0.1640068	0.07178304	0.022327118	0.85(0.74 to 0.98)
Spermidine to taurocholate ratio	21	-0.1508032	0.06833975	0.027337179	0.86(0.75 to 0.98)
Choline to taurocholate ratio	21	-0.1710712	0.06141725	0.005346267	0.84(0.75 to 0.95)
Adenosine 5'-diphosphate (ADP) to N-palmitoyl-sphingosine (d18:1 to 16:0) ratio	21	0.1654751	0.08279376	0.045647030	1.18(1.00 to 1.39)
Bilirubin (Z,Z) to taurocholate ratio	21	-0.1702571	0.06598147	0.009869254	0.84(0.74 to 0.96)
Phosphate to glutamine ratio	21	0.1188317	0.05870564	0.042949949	1.13(1.00 to 1.26)
Cholesterol to taurocholate ratio	21	-0.2026100	0.07167618	0.004702443	0.82(0.71 to 0.94)
Cortisol to taurocholate ratio	21	-0.1419365	0.06101620	0.020007395	0.87(0.77 to 0.98)
Retinol (Vitamin A) to linoleoyl-arachidonoyl-glycerol (18:2 to 20:4) [2] ratio	21	-0.1280213	0.06396355	0.045341503	0.88(0.78 to 1.00)
N-palmitoyl-sphingosine (d18:1 to 16:0) to N-palmitoyl-sphinganine (d18:0 to 16:0) ratio	21	-0.1298255	0.05864536	0.026846761	0.88(0.78 to 0.99)
Caffeine to theophylline ratio	21	0.1287822	0.06051677	0.033333650	1.14(1.01 to 1.28)
Mannose to glycerol ratio	21	-0.1060934	0.05102721	0.037603307	0.90(0.81 to 0.99)
Leucine to phosphate ratio	21	-0.1376090	0.05402043	0.010854418	0.87(0.78 to 0.97)
Citrate to taurocholate ratio	21	-0.1854842	0.06476918	0.004186274	0.83(0.73 to 0.94)
Taurocholate to oxalate (ethanedioate) ratio	21	0.1438264	0.06538789	0.027836121	1.15(1.02 to 1.31)

P<0.05 was considered statistically significant

