

Table S2. The levels of bile acids in the colonic contents among the pregnant rats

	NCD	HFD	VME	<i>P</i>
CA	25.3±10.5*	292.6±61.6	98.8±54.1*	0.002
Allo-CA	2.6±0.9*	18.3±3.6	10.5±6.0	0.028
Apo-CA	0.1±0.0	0.1±0.0	0.0±0.0	0.009
Urso-CA	2.0±0.5	3.0±0.4	3.6±1.2	0.319
3β-CA	2.3±0.4	14.5±8.0	3.0±1.4	0.158
CDCA	8.9±2.4*	66.0±16.6	14.6±5.7*	0.002
12-keto-CDCA	14.6±2.9	28.4±4.5	31.7±13.2	0.265
α-MCA	110.5±16.2	188.0±31.1	201.1±49.7	0.143
β-MCA	95.0±14.5	127.1±26.9	93.5±19.2	0.45
23-Nor-CA	0.1±0.0*	0.2±0.0	0.2±0.0	0.006
Dehydro-CA	0.0±0.0	0.0±0.0	0.0±0.0	0.107
3dehydro-CA	0.8±0.5	5.3±1.0	3.7±2.5	0.109
UDCA	62.6±6.0	33.4±5.1	13.3±7.3*	<0.001
3β-UDCA	1.6±0.2	1.4±0.5	1.2±0.3	0.718
ω-MCA	194.8±12.2	141.6±19.4	157.1±27.9	0.171
DCA	291.7±11.4*	214.0±19.0	198.4±33.1	0.015
Muri-DCA	11.7±0.9	12.9±2.2	6.4±1.3*	0.023
23-Nor-DCA	0.1±0.0	0.1±0.0	0.0±0.0*	0.001
7-keto-DCA	7.0±1.4	58.2±16.6	69.0±39.9	0.155
LCA	264.7±17.1*	131.9±16.1	117.7±31.6	<0.001
Dehydro-LCA	18.5±2.4*	5.2±1.2	12.2±5.8	0.038
7-keto-LCA	5.8±1.2	17.8±5.5	13.1±4.5	0.134
Iso-LCA	65.6±6.2*	20.9±5.1	21.2±12.2	0.001
12-keto-LCA	71.6±6.8	42.3±11.9	65.5±19.7	0.266
LCA3-sul	9.1±3.0	6.8±1.7	16.8±5.3	0.136
7-12-diketo-LCA	0.2±0.0	1.0±0.3	2.9±1.5	0.089
HDCA	228.2±18.8*	117.2±23.0	358.6±34.4*	<0.001
HCA	10.3±1.0*	41.1±9.4	47.8±6.8	0.002
GCA	0.1±0.0	3.5±1.7	0.2±0.0	0.043
TCA	1.3±0.2	119.2±70.6	2.1±0.5	0.101
GCDCA	0.1±0.0	0.6±0.3	0.1±0.0	0.034
TCDCa	1.4±0.2	35.3±22.2	1.0±0.1	0.136
T-α-MCA	1.0±0.4	80.5±41.4	0.8±0.2	0.052
T-β-MCA	1.6±0.7	67±38.3	0.3±0.1	0.087
T-ω-MCA	1.0±0.4	30.3±13.9	0.4±0.2	0.03
GUDCA	0.0±0.0	0.1±0.0	0.1±0.0	0.084
TUDCA	0.1±0.0	3.1±2.5	0.0±0.0	0.25
GDCA	0.3±0.0	0.3±0.1	0.1±0.0	0.085
TDCA	0.5±0.2	9.1±5.6	0.4±0.2	0.134
GLCA	0.1±0.0*	0.1±0.0	0.1±0.0	0.001
TLCA	0.3±0.1	2.1±1.0	0.1±0.1	0.077
THDCA	0.6±0.3	1.0±0.8	39.6±20.0*	0.027

THCA	0.0±0.0	0.4±0.3	19.4±10.5	0.038
GHCA	0.0±0.0	0.1±0.0	0.3±0.1	0.039

CA: cholic acid; Allo-CA: allocholic acid; Apo-CA: apocholic acid; Urso-CA: ursocholic acid; CDCA: chenodeoxycholic acid; α -MCA: α -Muricholic acid; UDCA: ursodeoxycholic acid; DCA: deoxycholic acid; LCA: lithocholic acid; HDCA: hyodeoxycholic acid; HCA: hyocholic acid; GCA: Glyco-CA; TCA: Tauro-CA

*: $P < 0.05$ vs. the HFD group as determined by one-way ANOVA followed by Tukey's post-hoc test.