

Supplementary Table 1: Female Liver Fatty Acid Mass (nmol FA/mg protein)

	Control		Phytol	
	WT	TKO	WT	TKO
Fatty acid	nmol/mg ± SE	nmol/mg ± SE	nmol/mg ± SE	nmol/mg ± SE
12-0	9.66 ± 0.65	9.69 ± 1.04	9.77 ± 0.82	9.84 ± 0.87
14-0	5.40 ± 0.75	2.24 ± 0.21	23.75 ± 1.33 ^{*,§}	7.22 ± 0.56 ^{*,@}
pristanic	ND	ND	10.22 ± 1.33 ^{*,§}	6.85 ± 0.66 ^{*,§,@}
16-0	237.76 ± 24.43	189.38 ± 22.33	448.77 ± 22.69 ^{*,§}	410.24 ± 32.86 ^{*,§}
16-1	31.78 ± 3.73	14.63 ± 2.42 [*]	29.62 ± 1.82 [*]	23.09 ± 3.77
phytanic	ND	ND	279.48 ± 14.64 ^{*,§}	363.56 ± 21.07 ^{*,§,@}
18-0	214.59 ± 45.29	136.24 ± 8.89	366.06 ± 35.99 ^{*,§}	378.19 ± 44.66 ^{*,§}
18-1	278.80 ± 16.72	209.59 ± 15.99	217.32 ± 20.35	219.14 ± 18.15
18-2	193.74 ± 11.62	145.64 ± 11.11	328.70 ± 30.77 ^{*,§}	331.46 ± 27.45 ^{*,§}
2,3 pristenic	ND	ND	8.50 ± 1.12 ^{*,§}	10.81 ± 2.17 ^{*,§}
20-1	5.90 ± 0.58	5.27 ± 0.54	20.42 ± 1.25 ^{*,§}	25.99 ± 3.11 ^{*,§,@}
20-2	0.96 ± 0.13	0.74 ± 0.10	1.09 ± 0.11	1.62 ± 0.24 ^{*,§,@}
20-3	10.33 ± 0.68	10.96 ± 0.72	17.85 ± 0.93 ^{*,§}	28.48 ± 2.86 ^{*,§,@}
20-4	76.11 ± 6.14	73.14 ± 5.49	80.23 ± 3.74	69.76 ± 7.53
22-1	2.63 ± 0.11	1.51 ± 0.13 [*]	0.11 ± 0.02 ^{*,§}	3.67 ± 0.17 ^{*,§,@}
22-4	3.33 ± 0.40	2.44 ± 0.25	7.87 ± 0.75 ^{*,§}	1.92 ± 0.45 [@]
24-0	0.76 ± 0.07	0.44 ± 0.04	2.74 ± 0.29 ^{*,§}	3.20 ± 0.22 ^{*,§}
24-1	4.85 ± 0.73	6.20 ± 0.72	23.09 ± 2.24 ^{*,§}	34.29 ± 2.67 ^{*,§,@}
22-6	23.27 ± 1.90	15.95 ± 1.09 [*]	37.42 ± 2.15 ^{*,§}	31.57 ± 2.70 ^{*,§}

* = P<0.05 when compared to WT control

§ = P<0.05 when compared to TKO control

@ = P<0.05 when compared to WT phytol