

Supplementary Table 3: Male 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	4.94 ± 0.49	5.95 ± 0.35	4.82 ± 0.27	6.61 ± 0.81
14-0	3.17 ± 0.14	1.93 ± 0.31	6.41 ± 0.40 ^{*,§}	6.58 ± 0.51 ^{*,§}
Pristanic	ND	ND	0.34 ± 0.08	1.90 ± 0.24 ^{*,§,@}
16-0	156.00 ± 9.69	172.63 ± 19.51	305.21 ± 17.66 ^{*,§}	313.69 ± 10.93 ^{*,§}
16-1	23.54 ± 3.46	18.66 ± 2.44	48.83 ± 4.74 ^{*,§}	28.39 ± 3.01 [@]
Phytanic	ND	ND	24.00 ± 3.60	280.74 ± 46.27 ^{*,§,@}
18-0	111.66 ± 11.88	125.00 ± 11.10	138.88 ± 10.51	270.92 ± 26.81 ^{*,§,@}
18-1	128.47 ± 8.31	143.42 ± 12.39	195.11 ± 10.71 [*]	181.92 ± 24.57
18-2	105.96 ± 6.86	118.29 ± 10.22	208.84 ± 11.47 ^{*,§}	194.72 ± 26.29 ^{*,§}
2,3 pristenic	ND	ND	2.33 ± 0.23 ^{*,§}	0.64 ± 0.09 ^{*,§,@}
20-1	5.97 ± 0.39	8.02 ± 0.61	14.83 ± 0.99 ^{*,§}	17.88 ± 1.33 ^{*,§,@}
20-2	0.65 ± 0.07	0.90 ± 0.20	1.52 ± 0.16 ^{*,§}	1.66 ± 0.20 ^{*,§}
20-3	10.10 ± 0.22	17.08 ± 1.15 [*]	15.47 ± 1.47 [*]	30.52 ± 2.18 ^{*,§,@}
20-4	80.56 ± 6.70	92.34 ± 5.42	60.97 ± 6.35 [§]	64.88 ± 6.95 [§]
22-0	0.07 ± 0.014	0.08 ± 0.01	0.16 ± 0.03	1.26 ± 0.24 ^{*,§,@}
22-1	0.35 ± 0.052	0.45 ± 0.05	0.87 ± 0.06 ^{*,§}	2.72 ± 0.13 ^{*,§,@}
22-3	2.38 ± 0.20	1.47 ± 0.10 [*]	1.62 ± 0.15 [*]	0.79 ± 0.15 ^{*,§,@}
22-4	2.65 ± 0.23	2.28 ± 0.20	3.10 ± 0.28	7.69 ± 1.05 ^{*,§,@}
24-0	0.47 ± 0.05	0.47 ± 0.05	0.78 ± 0.07 ^{*,§}	1.78 ± 0.14 ^{*,§,@}
24-1	3.79 ± 0.27	3.74 ± 0.44	3.30 ± 0.32	22.14 ± 3.71 ^{*,§,@}
22-6	14.37 ± 1.41	13.43 ± 1.12	12.36 ± 1.40	34.25 ± 3.93 ^{*,§,@}

* = P<0.05 when compared to WT control

§ = P<0.05 when compared to TKO control

@ = P<0.05 when compared to WT phytol