

Supplementary Table 4: Male Liver Fatty Acid Composition (% total FA)

Fatty acid	Control		Phytol	
	WT	TKO	WT	TKO
	% of total ± SE	% of total ± SE	% of total ± SE	% of total ± SE
12-0	0.75 ± 0.08	0.82 ± 0.05	0.46 ± 0.02 ^{*,§}	0.45 ± 0.05 ^{*,§}
14-0	0.48 ± 0.02	0.27 ± 0.04 [*]	0.61 ± 0.04 ^{*,§}	0.45 ± 0.03 ^{§,@}
Pristanic	ND	ND	0.03 ± 0.01	0.13 ± 0.02 ^{*,§,@}
16-0	23.81 ± 1.48	23.77 ± 2.69	29.08 ± 1.68	21.31 ± 0.74 [@]
16-1	3.59 ± 0.53	2.57 ± 0.34	4.65 ± 0.45 [§]	1.93 ± 0.21 [@]
Phytanic	ND	ND	2.29 ± 0.34	19.08 ± 3.14 ^{*,§,@}
18-0	17.04 ± 1.81	17.21 ± 1.53	13.23 ± 1.00	18.41 ± 1.82
18-1	19.61 ± 1.27	19.75 ± 1.71	18.59 ± 1.02	12.36 ± 1.67 ^{*,§,@}
18-2	16.17 ± 1.05	16.29 ± 1.41	19.89 ± 1.09	13.23 ± 1.79 [@]
2,3 pristenic	ND	ND	0.22 ± 0.02 ^{*,§}	0.04 ± 0.01 ^{*,§,@}
20-1	0.91 ± 0.06	1.10 ± 0.09	1.41 ± 0.09 [*]	1.21 ± 0.09
20-2	0.10 ± 0.01	0.12 ± 0.03	0.14 ± 0.02	0.11 ± 0.01
20-3	1.54 ± 0.04	2.35 ± 0.16 [*]	1.47 ± 0.14 [§]	2.07 ± 0.15 ^{*,@}
20-4	12.30 ± 1.02	12.72 ± 0.75	5.81 ± 0.60 ^{*,§}	4.41 ± 0.47 ^{*,§}
22-0	0.01 ± 0.01	0.01 ± 0.01	0.02 ± 0.01	0.09 ± 0.01 ^{*,§,@}
22-1	0.05 ± 0.01	0.06 ± 0.01	0.08 ± 0.01 [*]	0.19 ± 0.01 ^{*,§,@}
22-3	0.36 ± 0.03	0.20 ± 0.01 [*]	0.15 ± 0.02 [*]	0.05 ± 0.01 ^{*,§,@}
22-4	0.40 ± 0.04	0.31 ± 0.03	0.29 ± 0.03	0.52 ± 0.07 ^{§,@}
24-0	0.07 ± 0.01	0.06 ± 0.01	0.07 ± 0.01	0.12 ± 0.01 ^{*,§,@}
24-1	0.58 ± 0.04	0.52 ± 0.06	0.31 ± 0.03	1.50 ± 0.25 ^{*,§,@}
22-6	2.19 ± 0.22	1.85 ± 0.15	1.18 ± 0.13 [*]	2.33 ± 0.27 [@]

* = P<0.05 when compared to WT control

§ = P<0.05 when compared to TKO control

@ = P<0.05 when compared to WT phytol