

Supporting Table 1. Fatty acid composition within free fatty acids (FFA)

Lipids	Control (n=50)	NAFL (n=25)	NASH (n=50)
Myristic acid (14:0)	4.61 ± 0.22	4.12 ± 0.36	4.56 ± 0.28
Pentadecanoic acid (15:0)	0.62 ± 0.04	0.59 ± 0.08	0.6 ± 0.04
Palmitic acid (16:0)	27.21 ± 0.32	27.76 ± 0.43	26.84 ± 0.37
Stearic acid (18:0)	13.73 ± 0.49	12.64 ± 0.52	12.85 ± 0.46
Arachidic acid (20:0)	0.35 ± 0.03	0.26 ± 0.04	0.29 ± 0.03
Behenic acid (22:0)	0.17 ± 0.01	0.13 ± 0.02	0.15 ± 0.01
Lignoceric acid (24:0)	0.21 ± 0.02	0.2 ± 0.03	0.19 ± 0.02
Myristoleic acid (14:1n5)	0.28 ± 0.02	0.25 ± 0.02	0.29 ± 0.02
Palmitoleic acid (16:1n7)	2.55 ± 0.15	2.9 ± 0.2	3.12 ± 0.21*
Vaccenic acid (18:1n7)	1.75 ± 0.05	2.01 ± 0.08**	2.06 ± 0.07**
Oleic acid (18:1n9)	29.23 ± 0.66	31.11 ± 0.9	30.65 ± 0.66
Eicosenoic acid (20:1n9)	0.32 ± 0.01	0.36 ± 0.02*	0.39 ± 0.02***
Mead acid (20:3n9)	0.06 ± 0.01	0.06 ± 0.01	0.06 ± 0.01
Erucic acid (22:1n9)	0.19 ± 0.03	0.31 ± 0.2	0.36 ± 0.2
Nervonic acid (24:1n9)	0.05 ± 0.004	0.04 ± 0.003*	0.04 ± 0.003*
Linoleic acid (18:2n6)	15.32 ± 0.44	14.01 ± 0.53	14.25 ± 0.41
γ-linolenic acid (18:3n6)	0.12 ± 0.01	0.15 ± 0.01	0.16 ± 0.01*
Eicosadienoic acid (20:2n6)	0.28 ± 0.01	0.28 ± 0.02	0.28 ± 0.01
Homo-γ-linolenic acid (20:3n6)	0.21 ± 0.01	0.23 ± 0.01	0.24 ± 0.01
Arachidonic acid (20:4n6)	0.77 ± 0.03	0.79 ± 0.06	0.84 ± 0.07
Docosadienoic acid (22:2n6)	0.03 ± 0.002	0.03 ± 0.003	0.03 ± 0.005
Adrenic acid (22:4n6)	0.18 ± 0.01	0.18 ± 0.01	0.18 ± 0.01
Docosapentaenoic acid (22:5n6)	0.05 ± 0.004	0.04 ± 0.004	0.05 ± 0.005
α-linolenic acid (18:3n3)	1.08 ± 0.06	0.87 ± 0.07*	0.9 ± 0.06*
Stearidonic acid (18:4n3)	0.11 ± 0.01	0.08 ± 0.02	0.11 ± 0.02
Eicsoatetraenoic acid (20:4n3)	0.03 ± 0.004	0.03 ± 0.003	0.02 ± 0.002
Eicosapentaenoic acid (20:5n3)	0.08 ± 0.01	0.1 ± 0.02	0.09 ± 0.01
Docosapentaenoic acid (22:5n3)	0.16 ± 0.01	0.18 ± 0.02	0.16 ± 0.01
Docosahexaenoic acid (22:6n3)	0.38 ± 0.03	0.39 ± 0.07	0.37 ± 0.05
Saturated fatty acid (%SFA)	46.9 ± 0.98	45.7 ± 1.23	45.48 ± 1.05
Monounsaturated fatty acid (%MUFA)	34.35 ± 0.79	36.96 ± 1.02	36.9 ± 0.8*
n7 MUFA (%n7)	4.3 ± 0.19	4.92 ± 0.27	5.17 ± 0.26**
n9 MUFA (%n9)	29.84 ± 0.67	31.85 ± 0.86	31.48 ± 0.62
Polyunsaturated fatty acid (%PUFA)	18.75 ± 0.52	17.34 ± 0.55	17.63 ± 0.5
n3 PUFA (%n3)	1.8 ± 0.1	1.61 ± 0.14	1.61 ± 0.1
n6 PUFA (%n6)	16.9 ± 0.46	15.68 ± 0.5	15.97 ± 0.44
Ratio of n6/n3 PUFA	10.84 ± 0.73	13.14 ± 2.38	12.14 ± 0.96

Data are shown in mol%, Mean ± S.E.M.,

* = $p < 0.05$, ** = $p < 0.01$, *** = $p < 0.001$ vs normal