

Supplementary Table 1. Plasma and hepatic TG FA composition of 36 wk old mice

	Pcyt2 plasma (n=4 per group)			Pcyt2 liver (n=5 per group)		
	+/+	+/-	<i>P</i> -value	+/+	+/-	<i>P</i> -value
C14:0	4.02±1.65	5.15±1.42	0.165	1.29±0.47	1.32±0.47	0.905
C15:0	3.98±1.9	5.67±1.73	0.085	0.44±0.36	0.36±0.25	0.642
C16:0	28.37±5.81	26.04±5.31	0.418	22.66±3.32	25.71±2.75	0.141
C18:0	4.82±2.83	5.55±0.83	0.503	2.27±0.81	2.16±0.68	0.812
C18:1	8.97±4.47	18.69±8.99	*0.036	37.1±5.43	43.76±3.94	*0.038
C18:2n6	10.98±1.27	6.91±3.9	0.061	20.45±6.26	13.19±3.05	*0.039
C18:3n6	0.26±0.27	0.73±0.88	0.184	0.52±0.29	0.27±0.14	0.129
C18:3n3	1.13±0.83	0.53±0.33	0.089	0.69±0.46	0.45±0.38	0.349
C18:4n3	0.73±0.55	0.55±0.43	0.515	0.42±0.4	0.28±0.41	0.549
C20:1	3.24±1.85	4.33±4.07	0.504	1.32±0.56	1.43±0.54	0.723
C20:2n6	0.51±0.22	1.19±0.99	0.095	0.22±0.11	0.33±0.23	0.326
C20:3n6	2.4±0.86	1.1±0.52	*0.003	0.63±0.45	0.52±0.25	0.620
C20:4n6	2.02±2.05	0.92±0.73	0.185	1.49±0.99	1.24±0.63	0.616
SFA	45.46±5.83	43.18±11.82	0.635	26.85±3.2	29.91±2.56	0.124
MUFA	28.56±3.45	39.81±12.8	*0.043	44.11±4.85	51.41±4.43	*0.021
PUFA	23.48±4.94	18.27±2.54	*0.023	26.2±8.07	18.68±5.41	0.091
Omega-3	5.63±1.41	4.23±1.56	0.081	1.94±1.17	1.36±0.56	0.309
Omega-6	17.85±4.21	14.03±2.2	*0.045	22.59±8.79	17.32±0.43	0.235

SFA-Saturated FA; MUFA- monounsaturated FA and PUFA- polyunsaturated FA.

* Represents a significant difference ($P<0.05$) compared to littermate control (data represent percent of total FA content).