

**Supplementary Table 1.** Comparison of erythrocyte membrane fatty acids content according to kidney function

Variable	GFR $\geq$ 60 (n = 13)			GFR < 60 (n = 15)		
	Baseline	24 weeks	p-value	Baseline	24 weeks	p-value
Saturated	41.4 $\pm$ 2.6	40.0 $\pm$ 1.5	0.023 <sup>a)</sup>	41.1 $\pm$ 1.8	40.4 $\pm$ 2.2	0.211
Myristic	0.3 $\pm$ 0.1	0.3 $\pm$ 0.1	0.552	0.3 $\pm$ 0.1	0.3 $\pm$ 0.1	0.733
Palmitic	23.3 $\pm$ 1.7	22.4 $\pm$ 1.1	0.033 <sup>a)</sup>	23.4 $\pm$ 1.2	22.3 $\pm$ 1.3	0.012 <sup>a)</sup>
Stearic	17.2 $\pm$ 1.0	16.9 $\pm$ 1.3	0.650	17.0 $\pm$ 1.2	17.3 $\pm$ 1.1	0.078
Lignoceric	0.6 $\pm$ 0.1	0.5 $\pm$ 0.1	0.046 <sup>a)</sup>	0.4 $\pm$ 0.1	0.5 $\pm$ 0.2	0.570
Monounsaturated	16.4 $\pm$ 1.6	16.1 $\pm$ 1.3	0.507	15.6 $\pm$ 1.3	16.3 $\pm$ 2.2	0.112
Palmitoleic	0.5 $\pm$ 0.2	0.5 $\pm$ 0.2	0.861	0.5 $\pm$ 0.1	0.5 $\pm$ 0.2	0.650
Trans-oleic	0.2 $\pm$ 0.1	0.2 $\pm$ 0.0	0.023 <sup>a)</sup>	0.2 $\pm$ 0.0	0.2 $\pm$ 0.0	0.256
Oleic	15.2 $\pm$ 1.4	15.1 $\pm$ 1.2	0.807	14.6 $\pm$ 1.3	15.2 $\pm$ 2.0	0.078
Polyunsaturated	41.5 $\pm$ 4.1	43.2 $\pm$ 2.2	0.133	42.6 $\pm$ 2.5	42.6 $\pm$ 4.1	0.532
Omega-6	28.4 $\pm$ 3.3	29.0 $\pm$ 3.0	0.345	28.8 $\pm$ 2.3	29.5 $\pm$ 2.6	0.140
Linoleic	10.8 $\pm$ 1.3	10.4 $\pm$ 2.1	0.055	10.6 $\pm$ 1.1	10.4 $\pm$ 1.5	0.650
AA	13.3 $\pm$ 2.0	14.2 $\pm$ 1.4	0.064	13.7 $\pm$ 1.5	14.5 $\pm$ 1.6	0.069
Omega-3	13.1 $\pm$ 2.6	14.3 $\pm$ 3.0	0.152	13.8 $\pm$ 2.1	13.1 $\pm$ 2.5	0.281
Alpha-linolenic	0.2 $\pm$ 0.1	0.2 $\pm$ 0.1	0.345	0.2 $\pm$ 0.1	0.3 $\pm$ 0.1	0.078
EPA	1.8 $\pm$ 0.8	2.0 $\pm$ 1.0	0.221	1.8 $\pm$ 0.8	1.5 $\pm$ 0.6	0.191
DHA	8.6 $\pm$ 1.8	9.3 $\pm$ 1.7	0.279	9.2 $\pm$ 1.4	9.0 $\pm$ 1.5	0.650
Omega-3 index	10.4 $\pm$ 2.3	11.3 $\pm$ 2.6	0.221	11.0 $\pm$ 1.9	10.4 $\pm$ 1.9	0.256
AA/EPA	8.9 $\pm$ 4.1	9.3 $\pm$ 5.8	0.552	9.2 $\pm$ 4.6	11.3 $\pm$ 4.5	0.061
AA/DHA	1.6 $\pm$ 0.4	1.6 $\pm$ 0.4	0.807	1.5 $\pm$ 0.3	1.7 $\pm$ 0.3	0.100
Omega-6/omega-3	2.3 $\pm$ 0.6	2.2 $\pm$ 0.8	0.279	2.1 $\pm$ 0.4	2.3 $\pm$ 0.4	0.156
Total trans-fatty acid	0.5 $\pm$ 0.1	0.4 $\pm$ 0.1	0.039 <sup>a)</sup>	0.5 $\pm$ 0.1	0.5 $\pm$ 0.1	0.650

Values are presented as mean  $\pm$  standard deviation.

GFR, glomerular filtration rate; AA, arachidonic acid; EPA, eicosapentaenoic acid; DHA, docosahexaenoic acid.

<sup>a)</sup>  $p < 0.05$ , mean values are significantly different from the baseline data.