

Supplemental Table S1. Polyunsaturated Fatty Acid (PUFA) levels across time (ng/mL plasma), mean \pm SD				
PUFA	Baseline <i>n</i> = 25	3 months <i>n</i> = 22	6 months <i>n</i> = 24	<i>P</i> ^a
Arachidonic acid (ARA)	524.3 \pm 498.3	430.2 \pm 210.0	452.7 \pm 232.0	0.529
Linoleic acid (LA)	2,300 \pm 2,300	2,300 \pm 1,800	2,400 \pm 2,200	0.538
Eicosapentaenoic acid (EPA)	220.4 \pm 300.3	178.6 \pm 245.3	155.6 \pm 155.7	0.894
Docosahexaenoic acid (DHA)	4.5 \pm 6.6	4.2 \pm 5.6	4.1 \pm 5.4	0.938
^a Mixed-effects model of log-transformed PUFA level, with time (date) as a continuous variable, adjusted for batch and baseline oxylipin level, clustered on patient (no adjustments for multiple comparisons)				

Supplemental Table S2. Oxylipin levels across time (pg/mL plasma), mean \pm SD						
Oxylipin	PUFA	Pathway	Baseline <i>n</i> = 25	3 months <i>n</i> = 22	6 months <i>n</i> = 24	<i>P</i> ^a
PGD ₂	ARA	COX-2	5.4 \pm 4.8	6.0 \pm 5.6	5.8 \pm 5.5	0.294
11-HETE	ARA	LOX	55.6 \pm 45.6	59.3 \pm 35.6	54.9 \pm 43.7	0.787
12-HETE	ARA	12-LOX	237.7 \pm 316.7	253.0 \pm 309.3	482.8 \pm 1,253	0.568
12-oxo-EETE	ARA	LOX	108.3 \pm 94.1	141.7 \pm 118.2	128.3 \pm 106.1	0.536
5-HETE	ARA	5-LOX	103.3 \pm 136.7	116.4 \pm 103.1	100.6 \pm 82.0	0.460
8-HETE	ARA	15-LOX	10.2 \pm 5.9	12.1 \pm 7.8	12.3 \pm 9.8	0.684
15-HETE	ARA	15-LOX	115.3 \pm 72.0	123.9 \pm 66.8	149.2 \pm 122.2	0.238
20HETE	ARA	CYP450	80.5 \pm 50.0	81.5 \pm 39.2	103.7 \pm 96.9	0.076
5(6)-EET	ARA	CYP450	1,053 \pm 1,354	2,096 \pm 2,855	1,796 \pm 2,526	0.105
8(9)-EET	ARA	CYP450	679.8 \pm 1,041	1,311 \pm 2,216	1,147 \pm 1,913	0.472
11(12)-EET	ARA	CYP450	797.9 \pm 798.4	1,356 \pm 1,815	1,353 \pm 1,794	0.070
14(15)-EET	ARA	CYP450	2,102 \pm 2,646	3,922 \pm 5,195	3,696 \pm 4,768	0.058
5(6)-DiHET	ARA	sEH	25.3 \pm 16.6	21.8 \pm 10.9	30.2 \pm 43.4	0.773
8(9)-DiHET	ARA	sEH	58.1 \pm 64.4	58.4 \pm 86.2	62.7 \pm 71.7	0.850
11(12)-DiHET	ARA	sEH	116.3 \pm 86.9	115.8 \pm 66.9	140.8 \pm 122.2	0.229
14(15)-DiHET	ARA	sEH	94.9 \pm 74.8	104.2 \pm 60.3	136.9 \pm 199.2	0.126
9-HODE	LA	LOX	1,539 \pm 2,063	1,761 \pm 2,438	1,534 \pm 1,801	0.795
13-HODE	LA	LOX	2,018 \pm 2,440	2,180 \pm 2,876	2,073 \pm 2,267	0.776
13(S)-HOTrE	LA	15-LOX	141.8 \pm 127.6	126.6 \pm 87.6	106.4 \pm 66.3	0.297
9-OxoODE	LA	15-LOX	113.9 \pm 91.1	142.0 \pm 98.9	136.2 \pm 134.9	0.942
13-OxoODE	LA	LOX	245.0 \pm 345.2	914.8 \pm 2,331	286.6 \pm 521.7	0.963
9(10)-EpOME	LA	CYP450	24,719 \pm 46,172	36,935 \pm 60,993	43,689 \pm 73,959	0.072
12(13)-EpOME	LA	CYP450	17,522 \pm 31,024	24,794 \pm 36,137	32,565 \pm 54,680	0.069
9(10)-DiHOME	LA	sEH	1,031 \pm 1,543	1,297 \pm 2,010	1,336 \pm 1,497	0.068
12(13)-DiHOME	LA	sEH	1,458 \pm 2,167	2,012 \pm 2,858	1,851 \pm 2,722	0.125
9-HOTrE	ALA	5-LOX	60.8 \pm 41.6	62.1 \pm 35.0	51.8 \pm 34.9	0.500
7(8)-EpDPA	DHA	CYP450	572.9 \pm 757.3	821.9 \pm 1,225	940.8 \pm 1,360	0.066
10(11)-EpDPA	DHA	CYP450	266.2 \pm 506.8	464.8 \pm 728.5	466.7 \pm 859.7	0.441
13(14)-EpDPA	DHA	CYP450	219.7 \pm 364.1	470.3 \pm 808.5	369.8 \pm 706.7	0.100
16(17)-EpDPA	DHA	CYP450	366.6 \pm 617.5	386.7 \pm 535.6	377.6 \pm 653.3	0.616
19(20)-EpDPA	DHA	CYP450	1,005 \pm 1,917	1,073 \pm 1,602	1,534 \pm 2,404	0.108
19(20)-DiHDPA	DHA	sEH	316.7 \pm 243.8	348.8 \pm 238.5	466.2 \pm 707.4	0.163
5-HEPE	EPA	5-LOX	25.5 \pm 27.7	31.3 \pm 32.4	27.1 \pm 21.2	0.581
8-HEPE	EPA	LOX	11.7 \pm 18.5	13.8 \pm 20.4	9.3 \pm 5.7	0.827
12-HEPE	EPA	12-LOX	23.3 \pm 68.5	17.2 \pm 39.7	65.3 \pm 173.5	0.173
15-HEPE	EPA	15-LOX	9.4 \pm 8.8	9.0 \pm 7.7	8.4 \pm 9.5	0.386
8(9)-EpETE	EPA	CYP450	15.8 \pm 19.3	49.2 \pm 131.0	33.8 \pm 57.4	0.039
14(15)-EpETE	EPA	CYP450	47.2 \pm 60.4	160.9 \pm 399.6	98.3 \pm 191.9	0.083
17(18)-EpETE	EPA	CYP450	70.4 \pm 70.4	250.6 \pm 593.1	159.2 \pm 325.0	0.111
5(15)-DiHETE	EPA	sEH	7.3 \pm 14.3	20.8 \pm 59.1	7.7 \pm 17.4	0.953
8(15)-DiHETE	EPA	sEH	9.0 \pm 21.8	10.8 \pm 19.6	15.6 \pm 20.6	0.025
14(15)-DiHETE	EPA	sEH	6.9 \pm 5.9	5.8 \pm 4.1	6.9 \pm 6.9	0.766
17(18)-DiHETE	EPA	sEH	88.3 \pm 78.3	88.5 \pm 71.6	90.7 \pm 72.1	0.852

^a Mixed-effects model of log-transformed oxylipin level, with time (date) as a continuous variable, adjusted for batch and baseline oxylipin level, clustered on patient (no adjustments for multiple comparisons)
Abbreviations - ARA: Arachidonic Acid; LA: Linoleic Acid; ALA: Alpha Linolenic Acid; DHA: Docosahexaenoic acid; EPA: Eicosapentaenoic acid; COX: Cyclooxygenase; LOX: Lipoxxygenase; CYP450: Cytochrome P450; sEH: soluble epoxide hydrolase