

**Supplemental Table 5. Change in oxylipins in the TNFi group from baseline to 6 months in DAS28 low versus high responders.**

	DAS28 Response in TNFi				p-value
	N (Low)	Low	N (High)	High	
<b>6k PGF1<math>\alpha</math>%</b>	26	0.9(2.3)	23	-0.01(2.0)	0.76
<b>TXB2%</b>	35	92.3(46.5)	38	68.2(54.1)	0.74
<b>PGE2%</b>	29	22.5(21.4)	28	3.9(6.1)	0.41
<b>LXA4%</b>	28	18.7(18.7)	30	-0.2(2.3)	0.33
<b>RvD1%</b>	40	2.0(2.1)	43	1.7(1.0)	0.89
<b>(N=82-93)</b>					
<b>13,14-dihydro-15k PGF2<math>\alpha</math>%</b>	40	1.2(1.8)	43	1.0(1.1)	0.93
<b>6trans12epi LTB4 + LTB4%</b>	33	-18.3(16.5)	33	-8.4(2.4)	0.56
<b>13HODE%</b>	40	55.1(50.0)	43	-13.2(21.8)	0.21
<b>9HODE%</b>	40	57.3(50.0)	43	-10.9(24.5)	0.23
<b>15HETE%</b>	40	52.1(44.5)	43	2.4(14.4)	0.29
<b>14S-HDHA% (14S-HDoHE)</b>	40	53.5(46.4)	42	-4.2(19.7)	0.26
<b>11HETE%</b>	40	56.3(45.0)	43	0.8(16.6)	0.25
<b>12HETE%</b>	40	92.2(79.5)	43	-57.7(66.8)	0.15
<b>5HETE%</b>	40	89.5 (74.0)	43	-21.4(42.1)	0.20
<b>5-oxoETE%</b>	40	44.2(27.9)	43	-15.1(10.1)	0.05

DAS28-CRP high-responder defined as the 50 samples with the greatest decrease in DAS28-CRP, versus low responders with the least decrease.

Oxylipin values are changes from baseline to 6 months (6 month minus baseline)

\*p<0.05 between means

Values are Mean(SEM)

%Values represented as  $\text{Log}_{10}(x+1) \cdot 10^3$

Additional missingness of data in some oxylipins (6k PGF1 $\alpha$ , TXB2, PGE2, LXA4, 6trans12epi LTB4 + LTB4).