

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

	DAS28 Response in RTX				p-value
	N (Low)	Low	N (High)	High	
<b>6k PGF1<math>\alpha</math>%</b>	28	-0.5(2.6)	25	-4.9(2.6)	0.15
<b>TXB2%</b>	41	98.9(38.0)	44	-16.2(43.5)	0.05*
<b>PGE2%</b>	32	-11.4(13.6)	34	0.2(2.0)	0.41
<b>LXA4%</b>	29	-11.1(14.6)	31	2.8(2.8)	0.35
<b>RvD1%</b>	46	0.1(1.1)	46	0.2(1.1)	0.93
<b>(N=82-93)</b>					
<b>13,14-dihydro-15k PGF2<math>\alpha</math>%</b>	46	1.0(1.4)	46	-1.1(1.1)	0.24
<b>6trans12epi LTB4 + LTB4%</b>	34	-24.9(36.8)	36	8.9(5.3)	0.37
<b>13HODE%</b>	46	-5.2(34.9)	46	15.4(21.1)	0.61
<b>9HODE%</b>	46	-13.0(37.7)	46	23.1(20.3)	0.40
<b>15HETE%</b>	46	-5.8(27.8)	46	4.0(16.3)	0.76
<b>14S-HDHA% (14S-HDoHE)</b>	45	11.5(21.5)	45	-13.5(22.7)	0.42
<b>11HETE%</b>	46	-6.6(30.0)	46	8.7(15.0)	0.65
<b>12HETE%</b>	46	106.3(51.2)	46	-114.2(60.4)	0.007*
<b>5HETE%</b>	46	-26.9(45.6)	46	29.3(38.8)	0.35
<b>5-oxoETE%</b>	46	-17.9(24.3)	46	14.6(10.7)	0.23

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  $\text{Log}_{10}(x+1) \times 10^3$

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