

Additional file 12: Table S3: List of the C3 cytokine array data.

Target	MEAN \pm SEM		
	Control	oA β	oA β /DcR3
Axl	100 \pm 16.3	0 \pm 34.4	153.2 \pm 7.9
BLC	100 \pm 3.1	192.7 \pm 20.4	100.6 \pm 3.2
CD30L	100 \pm 5.5	268.3 \pm 43.6	83. \pm 7.9
CD30	100 \pm 7.4	144.7 \pm 26.1	128.7 \pm 10.5
CD40	100 \pm 7.7	169.3 \pm 25.7	0 \pm 58.7
CRG-2	100 \pm 4.1	224.8 \pm 31.3	123.9 \pm 10.5
CTACK	100 \pm 1.4	183.5 \pm 15	113.2 \pm 5
CXCL16	100 \pm 1.1	136.3 \pm 6.9	201.3 \pm 31.3
Eotaxin1	100 \pm 3.9	101.3 \pm 14.5	26.1 \pm 12.2
Eotaxin2	100 \pm 1.4	85.4 \pm 4.6	96.7 \pm 1.1
FasL	100 \pm 2.9	105.2 \pm 3.2	95.2 \pm 1.8
CX3CL1	100 \pm 7.8	139.5 \pm 5.8	93.2 \pm 2.8
GCSF	100 \pm 1.4	197.4 \pm 6.7	194.6 \pm 4.6
GM-CSF	100 \pm 10.3	158.9 \pm 13.8	142.5 \pm 7.1
IFN-gamma	100 \pm 34	0 \pm 105.3	0 \pm 73.8
IGFBP3	100 \pm 2.1	172.1 \pm 13.5	136.1 \pm 4.5
IGFBP5	100 \pm 1.4	113. \pm 5.6	87.6 \pm 1.6
IGFBP6	100 \pm 1.5	32.5 \pm 15.7	70.9 \pm 4.3
IL-1alpha	100 \pm 2.3	236.4 \pm 19.7	112.5 \pm 7.5
IL-1beta	100 \pm 2.2	232.2 \pm 34.3	96.2 \pm 5.6
IL-2	100 \pm 2.9	278.5 \pm 42.9	147.2 \pm 13.3
IL-3	100 \pm 12.5	457.7 \pm 88.2	164.2 \pm 21.4
IL-3 Rb	100 \pm 4.1	482.8 \pm 87.6	260.7 \pm 41.1
IL-4	100 \pm 1	66.5 \pm 12.7	125.5 \pm 3.6
IL-5	100 \pm 2.7	125.9 \pm 11.1	191.7 \pm 11
IL-6	100 \pm 0.9	214.9 \pm 10.2	245.4 \pm 12.1
IL-9	100 \pm 1.6	211.8 \pm 19.4	120.7 \pm 3.7
IL-10	100 \pm 13.3	211.5 \pm 13.1	222.4 \pm 10.4
IL-12 p40/70	100 \pm 2	4883.6 \pm 640.2	4505.9 \pm 446.1
IL-12 p70	100 \pm 5.5	0 \pm 103.2	0 \pm 54.9
IL-13	100 \pm 1.6	143. \pm 6.1	109.7 \pm 4.8
IL-17	100 \pm 2.9	136.9 \pm 9.4	134.3 \pm 20.6
CXCL1	100 \pm 0.6	169.5 \pm 11	138.1 \pm 3.2
Leptin R	100 \pm 4.2	883.8 \pm 182	445.9 \pm 79.1
Leptin	100 \pm 0.6	169.9 \pm 13.9	171.1 \pm 15.7
CXCL5	100 \pm 0.7	163.1 \pm 14.9	113.5 \pm 4.1
L Selectin	100 \pm 458.4	23259.8 \pm 5345.8	12678.7 \pm 3023.1
Ltn/XCL1	100 \pm 1	91.4 \pm 7.4	104. \pm 2.7
MCP1	100 \pm 0.8	110.5 \pm 3.4	119.9 \pm 2.7

MCP5	100±0.9	119.3±1.8	140.6±3.2
M-CSF	100±2.7	152.3±8.6	127.±8
MIG	100±0.8	122.8±2.9	107.4±6.6
MIP-1 alpha	100±0.6	125.1±3	122.±1
MIP-1 gamma	100±0.9	129.2±3.6	112.8±1.1
MIP-2	100±0.5	166.1±7.2	137.2±1.9
MIP-3 beta	100±0.8	136.2±4.9	92.5±2.4
MIP-3 alpha	100±0.7	209.1±9	174.3±3
PF-4	100±0.9	190.6±8.4	140.5±2.2
P Selectin	100±1.4	209.5±20.6	144.2±11.1
RANTES	100±0.9	118.6±8.1	82.2±3.1
SCF	100±5.3	247.1±32	78.8±7
SDF-1 alpha	100±2.9	110.7±7.4	99.3±5.4
TARC	100±4.3	103.6±6.9	76.5±6.5
TCA-3	100±1.8	113.1±3.7	86.6±4
TECK	100±4.6	92.5±7.6	53.±7.6
TIMP-1	100±2.2	113.6±3.7	98.8±2.1
TNF alpha	100±6.9	109.7±8.5	82.7±11.9
sTNFR1	100±1.8	109.5±3.3	96.2±2.4
sTNFR2	100±2	130.3±5.2	123.4±3.3
TPO	100±3.3	111.1±6.3	81.5±3.6
VCAM-1	100±1	143.4±4.3	109.2±3.2
VEGF	100±2.6	123.2±11.2	70.4±5.8

The average intensity of each target in the control group were set as 100. N≥3 for each group