

Supplemental Table 1: Maternal plasma levels of cytokines in control and high fat diet sensitive (HFD-S) macaques on gestational day 130

Target	Alternate	Control	HFD-S	P value
C5a		2.64 ± 1.06	2.15 ± 0.32	0.68
CD40 ligand	CD154	0.51 ± 0.31	0.57 ± 0.12	0.87
G-CSF	CSFB	1.09 ± 0.50	0.72 ± 0.13	0.52
GM-CSF	CSFa	1.33 ± 0.47	0.64 ± 0.09	0.22
GROa	CXCL1	2.50 ± 0.41	0.98 ± 0.19	0.03*
I-309	CCL-1	0.84 ± 0.33	0.27 ± 0.12	0.18
sICAM-1	CD54	0.46 ± 0.23	0.14 ± 0.05	0.25
IFNg		0.69 ± 0.14	0.16 ± 0.06	0.02*
IL-1a	IL-1F1	0.68 ± 0.39	0.74 ± 0.13	0.89
IL-1β	IL-1F2	0.39 ± 0.26	0.58 ± 0.05	0.51
IL-ra	IL-IF3	2.76 ± 0.69	2.09 ± 0.28	0.42
IL-2		0.86 ± 0.31	0.38 ± 0.13	0.22
IL-4		0.55 ± 0.17	0.21 ± 0.10	0.17
IL-5		0.38 ± 0.16	0.11 ± 0.06	0.19
IL-6		0.34 ± 0.19	0.17 ± 0.05	0.45
IL-8		2.38 ± 0.26	3.17 ± 2.0	0.72
IL-10		0.49 ± 0.32	0.61 ± 0.10	0.73
IL-12p70		0.40 ± 0.28	0.58 ± 0.07	0.58
IL-13		2.89 ± 0.75	1.92 ± 0.22	0.28
IL-16		1.79 ± 0.47	0.96 ± 0.24	0.19
IL-17		0.86 ± 0.24	0.32 ± 0.15	0.13
IL-17E		0.84 ± 0.35	0.29 ± 0.13	0.21
IL-23		0.58 ± 0.26	0.32 ± 0.15	0.44
IL-27		1.17 ± 0.06	0.58 ± 0.30	0.13
IL-32a		1.28 ± 0.71	0.96 ± 0.06	0.68
IP-10	CXCL10	0.70 ± 0.15	0.92 ± 0.01	0.23
I-TAC	CXCL11	4.14 ± 0.78	5.28 ± 0.82	0.37
MCP-1	CCL2	0.95 ± 0.30	0.57 ± 0.26	0.40
MIF	GIF	12.37 ± 1.71	6.42 ± 1.59	0.06
MIP-1a	CCL3	1.05 ± 0.44	0.40 ± 0.19	0.24
MIP-1β	CCL4	0.62 ± 0.26	0.32 ± 0.14	0.37
Serpin E1	PAI-1	9.24 ± 0.29	6.88 ± 3.84	0.57
RANTES	CCL5	20.76 ± 9.48	20.33 ± 8.55	0.98
SDF-1	CXCL12	1.72 ± 0.98	1.24 ± 0.07	0.65
TNFa		1.16 ± 0.47	0.97 ± 0.31	0.74
sTREM-1		1.01 ± 0.43	0.56 ± 0.30	0.44

Maternal serum cytokine array

Proteome Profiler™ Cytokine Array. Values represent the mean ± S.E.M. of arbitrary units.* indicates a significant change as determined by Student's t test; p < 0.05.

Controls. n = 4; HFD, n = 4.

Supplemental Table 2: Placenta plasma levels of cytokines in control and high fat diet sensitive (HFD-S) macaques on gestational day 130

Target	Alternate	Control	HFD-S	P value
C5a		1.30 ± 0.45	2.27 ± 0.71	0.31
CD40 ligand	CD154	0.73 ± 0.42	1.85 ± 0.14	0.07
G-CSF	CSFβ	0.81 ± 0.28	2.40 ± 0.12	0.006*
GM-CSF	CSFa	0.68 ± 0.31	1.95 ± 0.13	0.02*
GROa	CXCL1	1.06 ± 0.22	2.50 ± 0.32	0.02*
I-309	CCL-1	0.75 ± 0.10	1.54 ± 0.33	0.09
sICAM-1	CD54	0.36 ± 0.11	0.97 ± 0.23	0.08
IFNg		0.32 ± 0.11	0.69 ± 0.28	0.29
IL-1a	IL-1F1	0.61 ± 0.42	1.83 ± 0.12	0.05
IL-1β	IL-1F2	0.30 ± 0.39	1.55 ± 0.16	0.04*
IL-ra	IL-IF3	2.24 ± 0.37	4.00 ± 0.63	0.07
IL-2		0.75 ± 0.15	1.80 ± 0.13	0.006*
IL-4		0.58 ± 0.12	1.58 ± 0.24	0.02*
IL-5		0.53 ± 0.10	1.26 ± 0.37	0.13
IL-6		0.46 ± 0.15	0.10 ± 0.37	0.25
IL-8		0.87 ± 0.15	1.51 ± 0.56	0.33
IL-10		0.40 ± 0.41	1.34 ± 0.08	0.09
IL-12p70		0.24 ± 0.35	1.37 ± 0.22	0.05
IL-13		1.64 ± 0.36	4.44 ± 0.37	0.005*
IL-16		1.21 ± 0.19	3.09 ± 0.26	0.004*
IL-17		0.86 ± 0.19	2.07 ± 0.32	0.03*
IL-17E		0.85 ± 0.16	1.87 ± 0.44	0.09
IL-23		0.61 ± 0.15	1.35 ± 0.50	0.23
IL-27		0.46 ± 0.04	1.05 ± 0.28	0.10
IL-32a		0.62 ± 0.46	2.20 ± 0.34	0.05
IP-10	CXCL10	0.52 ± 0.41	1.74 ± 0.17	0.05
I-TAC	CXCL11	0.98 ± 0.44	3.09 ± 0.19	0.01*
MCP-1	CCL2	0.74 ± 0.27	2.13 ± 0.15	0.01*
MIF	GIF	13.50 ± 2.33	23.04 ± 3.58	0.09
MIP-1a	CCL3	1.24 ± 0.04	1.83 ± 0.39	0.20
MIP-1β	CCL4	0.54 ± 0.09	1.26 ± 0.45	0.19
Serpin E1	PAI-1	4.66 ± 0.96	8.13 ± 1.76	0.16
RANTES	CCL5	13.91 ± 5.79	27.14 ± 3.15	0.12
SDF-1	CXCL12	0.93 ± 0.61	2.18 ± 0.27	0.13
TNFa		0.49 ± 0.40	1.76 ± 0.13	0.04*
sTREM-1		0.75 ± 0.25	1.55 ± 0.09	0.04*

Placenta Cytokine Array

Proteome Profiler™ Cytokine Array. Values represent the mean ± S.E.M. of arbitrary units.* indicates a significant change as determined by Student's t test; p < 0.05.

Controls. n = 4; HFD, n = 4.