

**Table S1.** Coordinates and protein names used in human XL cytokine array

Coordinate	Analyte/control	Full name
A1, A2	Reference spots	-
A3, A4	Adiponectin	-
A5, A6	ApoA1	Apolipoprotein A-1
A7, A8	Angiogenin	-
A9, A10	Ang-1	Angiopoietin-1
A11, A12	Ang-2	Angiopoietin-2
A13, A14	BAFF	B-cell activating factor
A15, A16	BDNF	Brain-derived Neurotrophic factor
A17, A18	C5/C5a	Complement Component C5/C5a
A19, A20	CD14	Cluster of differentiation 14
A21, A22	CD30	Cluster of differentiation 30
A23, A24	Reference spots	-
B3, B4	CD40L	CD40 ligand
B5, B6	CHI3L1	Chitinase 3-like 1
B7, B8	CFD	Complement factor D
B9, B10	CRP	C-Reactive Protein
B11, B12	Cripto-1	Teratocarcinoma-derived Growth Factor
B13, B14	CST3	Cystatin C
B15, B16	Dkk-1	Dickkopf-1
B17, B18	DPPIV	Dipeptidyl-peptidase IV
B19, B20	EGF	Epidermal Growth Factor
B21, B22	Emmprin	Extracellular matrix metalloproteinase inducer
C3, C4	ENA-78	Epithelial neutrophil- activating protein 78
C5, C6	ENG	Endoglin
C7, C8	Fas Ligand	-
C9, C10	FGF-2	Fibroblast growth factor-2
C11, C12	FGF-7	Fibroblast growth factor-7
C13, C14	FGF-19	Fibroblast growth factor-19
C15, C16	FLT3LG	Flt-3 ligand
C17, C18	G-CSF	Granulocyte-colony stimulating factor
C19, C20	GDF-15	Growth differentiation factor-15
C21, C22	GM-CSF	Granulocyte-macrophage colony-stimulating factor
D1, D2	GRO $\alpha$	Growth-regulated oncogene $\alpha$
D3, D4	GH	Growth Hormone
D5, D6	HGF	Hepatocyte growth factor
D7, D8	ICAM-1	Intercellular Adhesion Molecule-1
D9, D10	IFN- $\gamma$	Interferon- $\gamma$
D11, D12	IGFBP-2	Insulin-like growth factor-binding protein-2
D13, D14	IGFBP-3	Insulin-like growth factor-binding protein-3
D15, D16	IL-1 $\alpha$	Interleukin-1 $\alpha$
D17, D18	IL-1 $\beta$	Interleukin-1 $\beta$
D19, D20	IL-1ra	Interleukin-1ra
D21, D22	IL-2	Interleukin-2
D23, D24	IL-3	Interleukin-3

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Coordinate	Analyte/control	Full name
E1, E2	IL-4	Interleukin-4
E3, E4	IL-5	Interleukin-5
E5, E6	IL-6	Interleukin-6
E7, E8	IL-8	Interleukin-8
E9, E10	IL-10	Interleukin-10
E11, E12	IL-11	Interleukin-11
E13, E14	IL-12 p70	Interleukin-12 p70
E15, E16	IL-13	Interleukin-13
E17, E18	IL-15	Interleukin-15
E19, E20	IL-16	Interleukin-16
E21, E22	IL-17A	Interleukin-17A
E23, E24	IL-18 Bpa	Interleukin-18 Bpa
F1, F2	IL-19	Interleukin-19
F3, F4	IL-22	Interleukin-22
F5, F6	IL-23	Interleukin-23
F7, F8	IL-24	Interleukin-24
F9, F10	IL-27	Interleukin-27
F11, F12	IL-31	Interleukin-31
F13, F14	IL-32	Interleukin-32
F15, F16	IL-33	Interleukin-33
F17, F18	IL-34	Interleukin-34
F19, F20	IP-10	Interferon gamma-induced protein-10
F21, F22	I-TAC	Interferon-inducible T-cell alpha
F23, F24	KLK3	Kallikrein 3
G1, G2	Leptin	-
G3, G4	LIF	Leukemia inhibitory factor
G5, G6	LCN2	Lipocalin-2
G7, G8	MCP-1	Monocyte Chemoattractant Protein-1
G9, G10	MCP-3	Monocyte Chemoattractant Protein-3
G11, G12	M-CSF	Macrophage colony-stimulating factor
G13, G14	MIF	Macrophage migration inhibitory factor
G15, G16	MIG	Monokine induced by gamma interferon
G17, G18	MIP-1 $\alpha$ /MIP-1 $\beta$	Macrophage Inflammatory Protein-1 $\alpha$ /Macrophage Inflammatory Protein-1 $\beta$
G19, G20	MIP-3 $\alpha$	Macrophage Inflammatory Protein-3 $\alpha$
G21, G22	MIP-3 $\beta$	Macrophage Inflammatory Protein-3 $\beta$
G23, G24	MMP-9	Matrix metalloproteinase-9
H1, H2	MPO	Myeloperoxidase
H3, H4	OPN	Osteopontin
H5, H6	PDGF-AA	Platelet-derived growth factor-AA
H7, H8	PDGF-AB/BB	Platelet-derived growth factor-AB/BB
H9, H10	PTX-3	Pantraxin 3
H11, H12	PF4	Platelet factor 4
H13, H14	RAGE	Receptor for Advanced Glycation Endproducts
H15, H16	RANTES	Regulated on Activation, Normal T Cell Expressed and Secreted
H17, H18	RBP-4	Retinol binding protein-4
H19, H20	RLN2	Relaxin-2
H21, H22	Resistin	-
H23, H24	SDF-1 $\alpha$	Stromal cell-derived factor-1 $\alpha$

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Coordinate	Analyte/control	Full name
I1, I2	Serpin E1	Serpin Family E Member 1
I3, I4	SHBG	Sex hormone binding globulin
I5, I6	ST2	Suppression of tumorigenicity 2
I7, I8	TARC	thymus and activation regulated chemokine
I9, I10	TFF3	Trefoil Factor 3
I11, I12	TfR	Transferrin receptor
I13, I14	TGF- $\alpha$	Transforming growth factor alpha
I15, I16	THBS1	Thrombospondin-1
I17, I18	TNF $\alpha$	Tumor necrosis factor $\alpha$
I19, I20	uPAR	Urokinase receptor
I21, I22	VEGF	Vascular endothelial growth factor
J1, J2	Reference spots	-
J5, J6	VDB	Vitamin D BP
J7, J8	CD31	Cluster of differentiation 31
J9, J10	TIM-3	T-cell immunoglobulin and mucin-domain containing-3
J11, J12	VCAM-1	Vascular cell adhesion protein 1
J23, J24	Negative controls	-