

Supplementary Table S2. List of the 92 inflammatory markers measured the Olink® Target 96 Inflammation panel (COBIOMIC-95302). Name of the protein, symbol, UniProt ID and associated biological function are included.

Protein Name	Symbol	UniProt ID	Biological Function
Adenosine Deaminase	ADA	P00813	Catalyzes adenosine deamination.
Artemin	ARTN	Q5T4W7	Supports peripheral neuron survival.
Axin-1	AXIN1	O15169	Component of beta-catenin destruction complex.
Beta-nerve growth factor	Beta-NGF	P01138	Maintains sympathetic/sensory nervous systems.
Caspase-8	CASP-8	Q14790	Upstream protease in apoptosis cascade.
C-C motif chemokine 3	CCL3	P10147	Monokine with chemokinetic properties.
C-C motif chemokine 4	CCL4	P13236	Monokine with chemokinetic properties.
C-C motif chemokine 19	CCL19	Q99731	Promotes lymphocyte recirculation and homing.
C-C motif chemokine 20	CCL20	P78556	Chemotactic for dendritic, T, and B cells.
C-C motif chemokine 23	CCL23	P55773	Chemotactic for monocytes, neutrophils, and resting T-cells.
C-C motif chemokine 25	CCL25	O15444	Chemotactic factor involved in T-cell development.
C-C motif chemokine 28	CCL28	Q9NRJ3	Chemotactic for resting T-cells and eosinophils.
CD40L receptor	CD40	P25942	Receptor for immune and inflammatory responses.
CUB domain-containing protein 1	CDCP1	Q9H5V8	Regulates cell adhesion.
C-X-C motif chemokine 1	CXCL1	P09341	Chemotactic for neutrophils.
C-X-C motif chemokine 5	CXCL5	P42830	Recruits neutrophils and promotes angiogenesis.
C-X-C motif chemokine 6	CXCL6	P80162	Chemotactic for neutrophils with antibacterial activity.+1
C-X-C motif chemokine 9	CXCL9	Q07325	Chemotactic for activated T-cells.
C-X-C motif chemokine 10	CXCL10	P02778	Pro-inflammatory chemokine for immune cell migration.
C-X-C motif chemokine 11	CXCL11	O14625	Chemotactic for activated T-cells.
Cystatin D	CST5	P28325	Cysteine protease inhibitor.
Delta/Notch-like EGF-related receptor	DNER	Q8NFT8	Receptor involved in CNS development.
Eotaxin	CCL11	P51671	Eosinophil-specific chemokine.
Eukaryotic translation initiation factor 4E-binding protein 1	4E-BP1	Q13541	Repressor of translation initiation.
Fibroblast growth factor 21	FGF-21	Q9NSA1	Stimulates glucose uptake in adipocytes.
Fibroblast growth factor 23	FGF-23	Q9GZV9	Regulator of phosphate homeostasis.
Fibroblast growth factor 5	FGF-5	Q8NF90	Regulates cell proliferation and hair growth.
Fibroblast growth factor 19	FGF-19	O95750	Suppresses bile acid biosynthesis.
Fms-related tyrosine kinase 3 ligand	Flt3L	P49771	Controls dendritic cell development.

Fractalkine	CX3CL1	P78423	Chemotactic for T-cells and monocytes.
Glial cell line-derived neurotrophic factor	GDNF	P39905	Promotes dopaminergic neuron survival.
Hepatocyte growth factor	HGF	P14210	Potent mitogen for mature hepatocytes.
Interferon gamma	IFN-gamma	P01579	Potent macrophage activator with antiviral activity.
Interleukin-1 alpha	IL-1 alpha	P01583	Stimulates thymocyte proliferation.
Interleukin-2	IL-2	P60568	Required for T-cell proliferation.
Interleukin-2 receptor subunit beta	IL-2RB	P14784	Transduces IL-2 mitogenic signals.
Interleukin-4	IL-4	P05112	Co-stimulator for B-cell activation.
Interleukin-5	IL5	P05113	Growth factor for B cells and eosinophils.
Interleukin-6	IL6	P05231	Potent inducer of acute phase response.
Interleukin-7	IL-7	P13232	Important for B and T cell development.
Interleukin-8	IL-8	P10145	Guides neutrophils to infection sites.
Interleukin-10	IL10	P22301	Major anti-inflammatory regulatory cytokine.
Interleukin-10 receptor subunit alpha	IL-10RA	Q13651	Receptor subunit for IL-10.
Interleukin-10 receptor subunit beta	IL-10RB	Q08334	Accessory subunit for IL-10 receptor.
Interleukin-12 subunit beta	IL-12B	P29460	Essential inducer of Th1 cell development.
Interleukin-13	IL-13	P35225	Immunoregulatory cytokine produced by Th2 cells.
Interleukin-15 receptor subunit alpha	IL-15RA	Q13261	Receptor subunit for IL-15.+1
Interleukin-17A	IL-17A	Q16552	Proinflammatory cytokine that attracts myeloid cells.+1
Interleukin-17C	IL-17C	Q9P0M4	Stimulates antibacterial peptide production.
Interleukin-18	IL-18	Q14116	Proinflammatory cytokine for Th1 and NK responses.
Interleukin-18 receptor 1	IL-18R1	Q13478	Binding receptor for IL-18.
Interleukin-20	IL-20	Q9NYY1	Cytokine involved in epidermal function.
Interleukin-20 receptor subunit alpha	IL-20RA	Q9UHF4	Receptor subunit for IL-20.
Interleukin-22 receptor subunit alpha-1	IL-22 RA1	Q8N6P7	Receptor subunit for IL-20, IL-22, and IL-24.
Interleukin-24	IL-24	Q13007	Induces apoptosis selectively in cancer cells.
Interleukin-33	IL-33	O95760	Alarmin that amplifies immune responses.
Latency-associated peptide TGF beta-1	LAP TGF-beta-1	P01137	Precursor of TGF-beta-1 regulatory subunit.
Leukemia inhibitory factor	LIF	P15018	Cytokine for hematopoietic differentiation.
Leukemia inhibitory factor receptor	LIF-R	P42702	Receptor mediating LIF action.
Macrophage colony-stimulating factor 1	CSF-1	P09603	Regulates macrophage/monocyte survival and differentiation.

Matrix metalloproteinase-1	MMP-1	P03956	Breaks down interstitial collagens.
Matrix metalloproteinase-10	MMP-10	P09238	Breaks down extracellular matrix.+1
Monocyte chemotactic protein 1	MCP-1	P13500	Chemotactic for monocytes and basophils.
Monocyte chemotactic protein 2	MCP-2	P80075	Chemotactic for monocytes, lymphocytes, and eosinophils.
Monocyte chemotactic protein 3	MCP-3	P80098	Attracts macrophages during inflammation.
Monocyte chemotactic protein 4	MCP-4	Q99616	Chemotactic for monocytes, lymphocytes, and eosinophils.
Natural killer cell receptor 2B4	CD244	Q9BZW8	Activating natural killer cell receptor.
Neurotrophin-3	NT-3	P20783	Controls survival of mammalian neurons.
Neurturin	NRTN	Q99748	Promotes survival of neuronal populations.
Oncostatin-M	OSM	P13725	Inhibits proliferation of tumor cell lines.
Osteoprotegerin	OPG	O00300	Decoy receptor neutralizing osteoclastogenesis.
Programmed cell death 1 ligand 1	PD-L1	Q9NZQ7	Immune inhibitory receptor ligand.
Protein S100-A12	EN-RAGE	P80511	Alarmin that recruits leukocytes.
Signaling lymphocytic activation molecule	SLAMF1	Q13291	Modulates immune cell activation.
SIR2-like protein 2	SIRT2	Q81XJ6	NAD-dependent protein deacetylase.
STAM-binding protein	STAMBP	O95630	Metalloprotease that cleaves polyubiquitin chains.
Stem cell factor	SCF	P21583	Regulates hematopoiesis and cell survival.
Sulfotransferase 1A1	ST1A1	P50225	Catalyzes sulfate conjugation.
T cell surface glycoprotein CD6	CD6	Q8WWJ7	Costimulatory molecule for T-cell activation.
T-cell surface glycoprotein CD5	CD5	P061.27	Receptor regulating T-cell proliferation.
T-cell surface glycoprotein CD8 alpha	CD8A	P01732	Coreceptor for MHC class I.
Thymic stromal lymphopoietin	TSLP	Q969D9	Promotes TH2 cell responses.
TNF-beta	TNFB	P01374	Mediates inflammatory and immunostimulatory responses.
TNF-related activation-induced cytokine	TRANCE	O14788	Osteoclast differentiation and activation factor.
TNF-related apoptosis-inducing ligand	TRAIL	P50591	Induces apoptosis in tumor cells.
Transforming growth factor alpha	TGF-alpha	P01135	Activates pathway for cell proliferation.
TNF (Ligand) superfamily, member 12	TWEAK	O43508	Promotes angiogenesis and endothelial cell proliferation.
Tumor necrosis factor	TNF	P01375	Cytokine that can induce tumor cell death.
TNF ligand superfamily member 14	TNFSF14	O43557	Delivers costimulatory signals to T cells.
TNF receptor superfamily member 9	TNFRSF9	Q07011	Contributes to T cell clonal expansion.
Urokinase-type plasminogen activator	uPA	P00749	Protease that converts plasminogen to plasmin.

Vascular endothelial growth factor A	VEGF-A	P15692	Growth factor active in angiogenesis.
--------------------------------------	--------	--------	---------------------------------------