

Effect of exercise on the plasma vesicular proteome: a methodological study comparing Acoustic Trapping and Centrifugation

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Supplementary table 1 OLINK CVD II Panel

2,4-dienoyl-CoA reductase, mitochondrial (DECR1)	Matrix metalloproteinase-12 (MMP-12)
A disintegrin and metalloproteinase with thrombospondin motifs 13 (ADAM-TS13)	Matrix metalloproteinase-7 (MMP-7)
ADM (ADM)	Melusin (ITGB1BP2)
Agouti-related protein (AGRP)	Natriuretic peptides B (BNP)
Alpha-L-iduronidase (IDUA)	NF-kappa-B essential modulator (NEMO)
Angiopoietin-1 (ANG-1)	Osteoclast-associated immunoglobulin-like receptor (hOSCAR)
Angiopoietin-1 receptor (TIE2)	P-selectin glycoprotein ligand 1 (PSGL-1)
Angiotensin-converting enzyme 2 (ACE2)	Pappalysin-1 (PAPPA)
Bone morphogenetic protein 6 (BMP-6)	Pentraxin-related protein PTX3 (PTX3)
Brother of CDO (Protein BOC)	Placenta growth factor (PIGF)
C-C motif chemokine 3 (CCL3)	Platelet-derived growth factor subunit B (PDGF subunit B)
C-X-C motif chemokine 1 (CXCL1)	Poly [ADP-ribose] polymerase 1 (PARP-1)
Carbonic anhydrase 5A, mitochondrial (CA5A)	Polymeric immunoglobulin receptor (PIgR)
Carcinoembryonic antigen-related cell adhesion molecule 8 (CEACAM8)	Pro-interleukin-16 (IL16)
Cathepsin L1 (CTSL1)	Programmed cell death 1 ligand 2 (PD-L2)
CD40 ligand (CD40-L)	Proheparin-binding EGF-like growth factor (HB-EGF)
Chymotrypsin C (CTRC)	Prolargin (PRELP)
Decorin (DCN)	Prostasin (PRSS8)
Dickkopf-related protein 1 (Dkk-1)	Protein AMBP (AMBP)
Fatty acid-binding protein, intestinal (FABP2)	Protein-glutamine gamma-glutamyltransferase 2 (TGM2)
Fibroblast growth factor 21 (FGF-21)	Proteinase-activated receptor 1 (PAR-1)
Fibroblast growth factor 23 (FGF-23)	Proto-oncogene tyrosine-protein kinase Src (SRC)
Follistatin (FS)	Receptor for advanced glycosylation end products (RAGE)
Galectin-9 (Gal-9)	Renin (REN)
Gastric intrinsic factor (GIF)	Serine protease 27 (PRSS27)
Gastrotropin (GT)	Serine/threonine-protein kinase 4 (STK4)
Growth hormone (GH)	Serpina12 (SERPINA12)
Growth/differentiation factor 2 (GDF-2)	SLAM family member 5 (CD84)
Heat shock 27 kDa protein (HSP 27)	SLAM family member 7 (SLAMF7)
Heme oxygenase 1 (HO-1)	Sortilin (SORT1)
Hydroxyacid oxidase 1 (HAOX1)	Spondin-2 (SPON2)
Interleukin-1 receptor antagonist protein (IL-1ra)	Stem cell factor (SCF)
Interleukin-1 receptor-like 2 (IL1RL2)	Superoxide dismutase [Mn], mitochondrial (SOD2)
Interleukin-17D (IL-17D)	T-cell surface glycoprotein CD4 (CD4)
Interleukin-18 (IL-18)	Thrombomodulin TM
Interleukin-27 (IL-27)	Thrombopoietin (THPO)
Interleukin-4 receptor subunit alpha (IL-4RA)	Thrombospondin-2 (THBS2)
Interleukin-6 (IL-6)	Tissue factor (TF)
Kidney injury molecule 1 (KIM-1)	TNF-related apoptosis-inducing ligand receptor 2 (TRAIL-R2)
Lactoylglutathione lyase (GLO1)	Tumor necrosis factor receptor superfamily member 10A (TNFRSF10A)
Lectin-like oxidized LDL receptor 1 (LOX-1) C-C motif chemokine 17 (CCL17)	Tumor necrosis factor receptor superfamily member 11A (TNFRSF11A)
Leptin (LEP)	Tumor necrosis factor receptor superfamily member 13B (TNFRSF13B)
Lipoprotein lipase (LPL)	Tyrosine-protein kinase Mer (MERTK)
Low affinity immunoglobulin gamma Fc region receptor II-b (IgG Fc receptor II-b)	V-set and immunoglobulin domain-containing protein 2 (VSI2)
Lymphotactin (XCL1)	Vascular endothelial growth factor D (VEGF-D)
Macrophage receptor MARCO (MARCO)	

Supplementary table 2 OLINK CVD III Panel

Aminopeptidase N (AP-N)	Neurogenic locus notch homolog protein 3 (Notch 3)
Azurocidin (AZU1)	Osteopontin (OPN)
Bleomycin hydrolase (BLM hydrolase)	Osteoprotegerin (OPG)
C-C motif chemokine 15 (CCL15)	P-selectin (SELP)
C-C motif chemokine 16 (CCL16)	Paraoxonase (PON3)
C-C motif chemokine 22 (CCL22)	Peptidoglycan recognition protein 1 (PGLYRP1) Tissue factor pathway inhibitor (TFPI)
C-C motif chemokine 24 (CCL24)	Perlecan (PLC)
C-X-C motif chemokine 16 (CXCL16)	Platelet endothelial cell adhesion molecule (PECAM-1)
Cadherin-5 (CDH5)	Platelet-derived growth factor subunit A (PDGF subunit A)
Carboxypeptidase A1 (CPA1)	Proprotein convertase subtilisin/kexin type 9 (PCSK9)
Carboxypeptidase B (CPB1)	Protein delta homolog 1 (DLK-1)
Caspase-3 (CASP-3)	Pulmonary surfactant-associated protein D (PSP-D) Tumor necrosis factor receptor superfamily member 6 (FAS)
Cathepsin D (CTSD)	Resistin (RETN)
Cathepsin Z (CTSZ)	Retinoic acid receptor responder protein 2 (RARRES2)
CD166 antigen (ALCAM)	Scavenger receptor cysteine-rich type 1 protein (CD163)
Chitinase-3-like protein 1 (CHI3L1)	Secretoglobin family 3A member 2 (SCGB3A2) Tyrosine-protein phosphatase non-receptor type substrate 1 (SHPS-1)
Chitotriosidase-1 (CHIT1)	Spondin-1 (SPON1)
Collagen alpha-1(I) chain (COL1A1)	ST2 protein (ST2)
Complement component C1q receptor (CD93) Matrix metalloproteinase-2 (MMP-2)	Tartrate-resistant acid phosphatase type 5 (TR-AP)
Contactin-1 (CNTN1)	Tissue-type plasminogen activator (t-PA) Plasminogen activator inhibitor 1 (PAI)
Cystatin-B (CSTB)	Transferrin receptor protein 1 (TR)
E-selectin (SELE)	Trefoil factor 3 (TFF3)
Elafin (PI3)	Trem-like transcript 2 protein (TLT-2)
Ephrin type-B receptor 4 (EPHB4)	Tumor necrosis factor ligand superfamily member 13B (TNFSF13B)
Epidermal growth factor receptor (EGFR)	Tumor necrosis factor receptor 1 (TNF-R1)
Myeloperoxidase (MPO)	Tumor necrosis factor receptor 2 (TNF-R2)
Epithelial cell adhesion molecule (Ep-CAM) Myoglobin (MB)	Tumor necrosis factor receptor superfamily member 10C (TNFRSF10C)
Fatty acid-binding protein, adipocyte (FABP4)	Tumor necrosis factor receptor superfamily member 14 (TNFRSF14)
Galectin-3 (Gal-3)	Tyrosine-protein kinase receptor UFO (AXL)
Galectin-4 (Gal-4)	Urokinase plasminogen activator surface receptor (U-PAR)
Granulins (GRN)	Urokinase-type plasminogen activator (uPA)
Growth/differentiation factor 15 (GDF-15)	von Willebrand factor (vWF)
Insulin-like growth factor-binding protein 1 (IGFBP-1)	
Insulin-like growth factor-binding protein 2 (IGFBP-2)	
Insulin-like growth factor-binding protein 7 (IGFBP-7)	
Integrin beta-2 (ITGB2)	
Intercellular adhesion molecule 2 (ICAM-2)	
Interleukin-1 receptor type 1 (IL-1RT1)	
Interleukin-1 receptor type 2 (IL-1RT2)	
Interleukin-17 receptor A (IL-17RA)	
Interleukin-18-binding protein (IL-18BP)	
Interleukin-2 receptor subunit alpha (IL2-RA)	
Interleukin-6 receptor subunit alpha (IL2-RA)	
Junctional adhesion molecule A (JAM-A)	
Kallikrein-6 (KLK6)	
Low-density lipoprotein receptor (LDL receptor)	
Lymphotoxin-beta receptor (LTBR)	
Matrix extracellular phosphoglycoprotein (MEPE)	
Matrix metalloproteinase-3 (MMP-3)	
Matrix metalloproteinase-9 (MMP-9)	
Metalloproteinase inhibitor 4 (TIMP4)	
Monocyte chemotactic protein 1 (MCP-1)	
Myeloblastin (PRTN3)	
N-terminal prohormone brain natriuretic peptide (NT-pro BNP)	