

Table S3: Definitions for each of the proteins listed in Table 3. More detail on the functionality of these proteins can be found at <https://www.uniprot.org>, <https://www.ncbi.nlm.nih.gov> or

Proteins Upregulated/Downregulated	Protein Name	Reference
Liver upregulated proteins: SAA1, VCAM1, CXCL9	SAA1 – Serum amyloid A1 VCAM1 – Vascular cell adhesion molecule 1	(56)
Liver downregulated proteins: HPGD, APOE, MUP3	CXCL9 – C-X-C motif chemokine ligand 9	
Kidney upregulated proteins: SAA1, SAA2, HP, FGB, ITIH3	HPGD – 15-hydroxyprostaglandin dehydrogenase	
Kidney downregulated proteins: RBP4, HDLBP	APOE – Apolipoprotein E MUP3 – Major urinary protein 3	
Heart upregulated proteins: SAA2, VCAM1, HP, ORM2, PDK4	SAA2 – Serum amyloid A2	
Heart downregulated proteins: TTR, C8, VCAN	HP - Haptoglobin FGB – Fibrinogen beta chain	
Brain upregulated protein: HP, ITIH4, CFB, CP, HPX	ITIH3 – Inter-alpha-trypsin inhibitor heavy chain 3	
White adipose tissue (WAT) upregulated proteins: ORM2, ITIH4, HP, CFB, VCAM1,	RBP4 – Retinol binding protein 4 HDLBP – High density lipoprotein binding protein	
WAT downregulated proteins: LRPAP1, VCAN	ORM2 – Orosomuroid 2 PDK4 – Pyruvate dehydrogenase kinase 4 TTR - Transthyretin C8 – Complement component 8 VCAN - Versican ITIH4 – Inter-alpha-trypsin inhibitor heavy chain 4 CFB – Complement factor B CP - Ceruloplasmin HPX - Hemopexin ORM2 – Orosomuroid 2 LRPAP1 – KDK receptor related protein associated protein 1	

<p>Lung upregulated proteins: C1QA, C4BP, FGA, FGG, C4B, SERPINA6, C3, CFB</p> <p>Lung downregulated proteins: COL5A1, GNAI1, ATP8, MLST8, POSTN, TH, ST3GAL1, POLR2M</p>	<p>C1QA – Complement C1qA chain</p> <p>C4BP – Complement component 4 binding protein</p> <p>FGA – Fibrinogen alpha chain</p> <p>FGG – Fibrinogen gamma chain</p> <p>C4B – Complement C4B</p> <p>SERPINA6 – Serpin family A member 6</p> <p>C3 – Complement component 3</p> <p>CFB – Complement factor B</p> <p>COL5A1 – Collagen type V 1 chain</p> <p>GNAI1 – G protein subunit alpha i1</p> <p>ATP8 – ATP synthase F0 subunit 8</p> <p>MLST8 – MTOR associated protein, LST8</p> <p>POSTN - Periostin</p> <p>TH – Tyrosine hydroxylase</p> <p>ST3GAL1 – ST3 beta-galactoside alpha-2,3-sialyltransferase 1</p> <p>POLR2M – RNA polymerase II subunit M</p>	<p>(57)</p>
<p>ECs upregulated proteins: SAA1, HX/SHH and HPX</p> <p>ECs downregulated proteins: CLU, AZGP1, C6, CFD, TLN1, GSN, F10</p> <p>Glycocalyx downregulated proteins: APOB, C3, CFH, TLN1, C7, SPP2</p> <p>Vascular smooth muscle downregulated proteins: GC, F12, C8, APOA4</p>	<p>SAA1 – Serum amyloid A1</p> <p>SHH – Sonic hedgehog</p> <p>HPX - Hemopexin</p> <p>CLU - Clusterin</p> <p>AZGP1 – Alpha-2-glycoprotein 1, zinc-binding</p> <p>C6 – Complement component 6</p> <p>CFD – Complement factor D</p> <p>TLN1 – Talin 1</p> <p>GSN - Gelsolin</p>	<p>(58)</p>

	<p>F10 – Coagulation factor X</p> <p>APOB – Apolipoprotein B</p> <p>C3 – Complement component 3</p> <p>CFH – Complement factor H</p> <p>C7 – Complement component 7</p> <p>SPP2 – Secreted phosphoprotein 2</p> <p>GC – GC vitamin D binding protein</p> <p>F12 – Coagulation factor 12</p> <p>C8 – Complement component 8</p> <p>APOA4 – Apolipoprotein A4</p>	
<p>Heart upregulated proteins: ICAM2, ITGB3, HSPA12b, THBS1, TUBA1A, TUBA4A, MCAM</p> <p>Heart downregulated proteins: VWF, ICAM1, DLAT, NCL, VCP, FH1, LMNB2</p> <p>Heart upregulated proteins: CDH13, GDI2, DYNC1H1, CLTC</p> <p>Heart downregulated proteins: ACADM, ACTB, CALD1, DES, ECI1, MSN, PRKCDBP, TPM1</p>	<p>ICAM2 – Intercellular adhesion molecule 2</p> <p>ITGB3 – Integrin subunit beta 3</p> <p>HSPA12b – Heat shock protein family A member 12B</p> <p>THBS1 – Thrombospondin 1</p> <p>TUBA1A – Tubulin alpha 1a</p> <p>TUBA4A - Tubulin alpha 4a</p> <p>MCAM – Melanoma cell adhesion molecule</p> <p>VWF – von Willebrand factor</p> <p>ICAM1 – Intercellular adhesion molecule 1</p> <p>DLAT – Dihydrolipoamide S-acetyltransferase (E2 component of pyruvate dehydrogenase complex)</p> <p>NCL - Nucleolin</p> <p>VCP – Valosin containing protein</p> <p>FH1 – Fumarate hydratase 1</p> <p>LMNB2 – Lamin B2</p> <p>CDH13 – Cadherin 13</p> <p>GDI2 – GDP dissociation inhibitor 2</p>	<p>(59)</p>

	<p>DYNC1H1 – Dynein cytoplasmic 1 heavy chain 1</p> <p>CLTC – Clathrin heavy chain</p> <p>ACADM – Acyl-CoA dehydrogenase medium chain</p> <p>ACTB – Actin beta</p> <p>CALD1 – Caldesmon 1</p> <p>DES - Desmin</p> <p>ECI1 – Enoyl-CoA delta isomerase 1</p> <p>MSN - Moesin</p> <p>PRKCDBP – Protein kinase C delta binding protein</p> <p>TPM1 – Tropomyosin 1</p>	
<p>Lung upregulated proteins: GBP2, ISG15, H2D1, SERPINB2, B2M, CASP7</p> <p>Lung downregulated proteins: FADS1, GBE1, DNPH1, MLYCD, FAM120C, ALDOC</p>	<p>GBP2 – Guanylate binding protein 2</p> <p>ISG15 – ISG15 ubiquitin like modifier</p> <p>H2-D1 – Histocompatibility 2, D region locus 1</p> <p>SERPINB2 – Serpin family B member 2</p> <p>B2M – Beta-2-microglobulin</p> <p>CASP7 - Caspase 7</p> <p>FADS1 – Fatty acid desaturase 1</p> <p>GBE1 – 1,4-alpha-glucan branching enzyme 1</p> <p>DNPH1 – 2'-deixynucleoside 5'phosphate N-hydrolase</p> <p>MLYCD – Malonyl-CoA decarboxylase</p> <p>FAM120C – Family with sequence similarity 120C</p> <p>ALDOC – Aldolase, fructose-biphosphate C</p>	(60)

<p>Lung upregulated proteins: SERPINB1A, ANXA1, S100A9</p>	<p>SERPINB1A – Serine (or cysteine) peptidase inhibitor, clade B, member 1a</p> <p>ANXA1 – Annexin A1</p> <p>S100A9 – S100 calcium binding protein A9</p>	<p>(61)</p>
<p>Brain upregulated proteins: VCAM1, JAMA, PD11, CJUN, CCL2, CCL5, CXCR5, CCL2</p> <p>Brain downregulated proteins: TPST1, SNRPC, COBL, MMP15, CD9, BRD3, LRIG1</p>	<p>VCAM1 – Vascular cell adhesion molecule 1</p> <p>JAMA – Junctional adhesion molecule A</p> <p>PD11 – Programmed cell death 1 ligand 1</p> <p>CJUN – c jun proto-oncogene</p> <p>CCL2 – C-C motif chemokine ligand 2</p> <p>CCL5 - C-C motif chemokine ligand 5</p> <p>CXCR5 – C-X-C motif chemokine receptor 5</p> <p>TPST1 – Tyrosylprotein sulfotransferase 1</p> <p>SNRPC – Small nuclear ribonucleoprotein polypeptide C</p> <p>COBL – Cordon-bleu WH2 repeat protein</p> <p>MMP15 – Matrix metalloproteinase 15</p> <p>CD9 - Cluster of differentiation 9</p> <p>BRD3 – Bromodomain containing 3</p> <p>LRIG1 – Leucine rich repeats and immunoglobulin like domains 1</p>	<p>(62)</p>