

SUPPLEMENTARY TABLE S1. GENE AND MOLECULAR FACTOR NAMES AND ABBREVIATIONS

<i>Abbreviation</i>	<i>Common gene names</i>
<i>ABCB1</i>	ATP binding cassette subfamily B member 1
<i>ABCC1</i>	ATP binding cassette subfamily C member 1
<i>ACE</i>	Angiotensin-converting enzyme
<i>ACTG1</i>	Actin gamma 1
<i>ADIPOQ</i>	Adiponectin C1Q and collagen domain containing
<i>AGER</i>	Advanced glycosylation end-product specific receptor
<i>AHR</i>	Aryl hydrocarbon receptor
<i>AHSG</i>	Alpha 2-HS glycoprotein
<i>AKT</i>	Serine/threonine kinase
<i>ANG1</i>	Angiogenin-1
<i>ANG2</i>	Angiogenin-2
<i>ANXA1</i>	Annexin A1
<i>ANXA2</i>	Annexin A2
<i>AP-1</i>	Activating protein-1
<i>APOA1</i>	Apolipoprotein A1
<i>ARE</i>	Antioxidant response elements
<i>AREG</i>	Amphiregulin
<i>ARG1</i>	Arginase 1
<i>ARSD</i>	Arylsulfatase D
<i>BAD</i>	BCL2-associated agonist of cell death
<i>BPI</i>	Bactericidal permeability increasing protein
<i>C3</i>	Complement C3 precursor
<i>C9</i>	Complement C9 precursor
<i>CAP1</i>	Cyclase-associated actin cytoskeleton regulatory protein 1
<i>CAT</i>	Catalase
<i>CCL2</i>	C-C motif chemokine ligand 2
<i>CCR2</i>	C-C motif chemokine receptor 2
<i>CCT7</i>	Chaperonin-containing TCP1 subunit 7
<i>CCT8</i>	Chaperonin-containing TCP1 subunit 8
<i>CD24</i>	CD24 surface antigen
<i>CD36</i>	CD36 surface antigen
<i>CDKN1A</i>	Cyclin-dependent kinase inhibitor 1A
<i>CEACAM1</i>	Carcinoembryonic antigen-related cell adhesion molecule 1
<i>CEACAM8</i>	Carcinoembryonic antigen-related cell adhesion molecule 8
<i>CEBPD</i>	CCAAT enhancer binding protein delta
<i>CHIT1</i>	Chitinase 1
<i>COTL1</i>	Coactosin-like F-actin binding protein 1
<i>CSDE1</i>	Cold shock domain containing E1
<i>CSF2</i>	Colony stimulating factor 2
<i>CSF2RB</i>	Colony stimulating factor 2 receptor beta common subunit
<i>CXCL2</i>	C-X-C motif chemokine ligand 2
<i>CXCL8</i>	C-X-C motif chemokine ligand 8
<i>CYBA</i>	P22phox
<i>CYP1A1</i>	Cytochrome P450 family 1 subfamily A member 1
<i>DEFA4</i>	Defensin alpha 4
<i>DIO2</i>	Iodothyronine deiodinase 2
<i>DNAJA3</i>	DNAJ heat shock protein family (HSP40) member A3
<i>DNAJB6</i>	DNAJ heat shock protein family (HSP40) member B6
<i>DNAJB9</i>	DNAJ heat shock protein family (HSP40) member B9
<i>DNAJB11</i>	DNAJ heat shock protein family (HSP40) member B11
<i>DNAJC5</i>	DNAJ heat shock protein family (HSP40) member C5
<i>DNAJC8</i>	DNAJ heat shock protein family (HSP40) member C8
<i>EGFR</i>	Epidermal growth factor receptor
<i>eNAMPT</i>	Extracellular nicotinamide phosphoribosyl transferase
<i>FAAH</i>	Fatty acid amide hydrolase
<i>FABP5</i>	Fatty acid binding protein 5
<i>FER</i>	Malectin-like receptor kinase FERONIA
<i>FGA</i>	Fibrinogen alpha chain
<i>FLK2</i>	FMS-related tyrosine kinase 3
<i>FTH1</i>	Ferritin heavy chain 1
<i>FTL</i>	Ferritin light chain
<i>GADD45a</i>	Growth arrest and DNA damage-inducible gene
<i>GCLM</i>	Glutamate-cysteine ligase modifier subunit

(continued)

SUPPLEMENTARY TABLE S1. (CONTINUED)

<i>Abbreviation</i>	<i>Common gene names</i>
<i>GPI</i>	Glucose-6-phosphate isomerase
<i>GSR</i>	Glutathione-disulfide reductase
<i>GSTP1</i>	Glutathione S-transferase pi 1
<i>HBB</i>	Hemoglobin subunit beta
<i>HBEGF</i>	Heparin binding EGF-like growth factor
<i>HEATR1</i>	HEAT repeat containing 1
<i>HMGB1</i>	High mobility group box 1
<i>HO-1</i>	Heme oxygenase-1
<i>HPX</i>	Hemopexin precursor
<i>HSP90AB1</i>	Heat shock protein 90 alpha family class B member 1
<i>HSPA1A</i>	Heat shock protein family A (Hsp70) member 1A
<i>HSPA8</i>	Heat shock protein family A (Hsp70) member 8
<i>ICAM-1</i>	Intercellular adhesion molecule 1
<i>IL-1B</i>	Interleukin-1 B
<i>IL-1R2</i>	Interleukin-1 receptor type 2
<i>IL-10</i>	Interleukin-10
<i>IL-13</i>	Interleukin-13
<i>IL-18</i>	Interleukin-18
<i>IL-6</i>	Interleukin-6
<i>IL-8</i>	Interleukin-8
<i>IRAK1</i>	Interleukin-1 receptor-associated kinase
<i>JMJD1C</i>	Jumonji domain containing 1C
<i>JUN</i>	AP-1 family transcription factor
<i>KEAP1</i>	Kelch-like ECH-associated protein 1
<i>KL-6</i>	Krebs von den Lugen-6
<i>LCN2</i>	Lipocalin 2
<i>LDH</i>	Lactate dehydrogenase
<i>LGALS3</i>	S3 galectin 3
<i>LRRRC16A</i>	Leucine rich repeat containing 16A
<i>MAPK</i>	Mitogen-activated protein kinase
<i>MHC-DRB1</i>	Major histocompatibility complex class II DR B1 domain
<i>MIF</i>	Macrophage migration inhibitory factor
<i>MMP8</i>	Matrix metalloproteinase 8
<i>MMP9</i>	Matrix metalloproteinase 9
<i>MYLK</i>	Encoding myosin light chain kinase
<i>NAMPT</i>	Nicotinamide phosphoribosyl transferase
<i>NCF1</i>	Neutrophil cytosolic factor 1
<i>NFE2L2</i>	Nuclear factor erythroid 2 like 2
<i>NF-κB</i>	Nuclear factor kappa B
<i>NRF2</i>	Nuclear factor erythroid 2 like 2
<i>nmMLCK</i>	Non-muscle myosin light chain kinase
<i>NOS3</i>	Nitric oxide synthase 3
<i>NOX</i>	NADPH oxidase
<i>NQPO1</i>	NAD(P)H:quinone oxidoreductase 1
<i>OLFM4</i>	Olfactomedin 4
<i>OSM</i>	Oncostatin M
<i>PA-1</i>	Pediocin PA-1
<i>PBEF</i>	Nicotinate phosphoribosyltransferase
<i>PDE4B</i>	Phosphodiesterase 4B
<i>PDX5</i>	Peroxisome oxidoreductin 5 mitochondrial
<i>PGAM1</i>	Phosphoglycerate mutase 1
<i>PHD2</i>	Egl-9 family hypoxia inducible factor 1
<i>PI3</i>	Peptidase inhibitor 3
<i>PI3K</i>	Peptidase inhibitor 3 kinase
<i>PLAUR</i>	Plasminogen activator, urokinase receptor
<i>POPDC3</i>	Popeye domain containing 3
<i>PPFIA1</i>	PTPRF interacting protein alpha 1
<i>PPIA</i>	Peptidylprolyl isomerase A
<i>PRDX2</i>	Peroxisome oxidoreductin 2
<i>PRDX3</i>	Peroxisome oxidoreductin 3
<i>PRDX6</i>	Peroxisome oxidoreductin 6
<i>PTGS2</i>	Prostaglandin-endoperoxide synthase 2
<i>RAGE</i>	Receptor of advanced glycation end products

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SUPPLEMENTARY TABLE S1. (CONTINUED)

<i>Abbreviation</i>	<i>Common gene names</i>
<i>RANKL</i>	Nuclear factor kappa-B ligand
<i>RBP7</i>	Retinol binding protein 7
<i>RNASE3</i>	Ribonuclease A family member 3
<i>S100A12</i>	Calgranulin C
<i>S100A8</i>	Calgranulin A
<i>S100A9</i>	Calgranulin B
<i>S1P1</i>	Sphingosine 1-phosphate 1
<i>S1P3</i>	Sphingosine 1-phosphate 3
<i>S1PR1</i>	Sphingosine 1-phosphate receptors 1
<i>S1PR3</i>	Sphingosine 1-phosphate receptors 3
<i>SAA</i>	Serum amyloid protein
<i>SELPLG</i>	Selectin P ligand
<i>SERPINA1</i>	Alpha-1-antitrypsin
<i>SLMO2</i>	PRELI domain containing 3B
<i>SOD</i>	Superoxide dismutase
<i>SOD2</i>	Superoxide dismutase 2
<i>SOD3</i>	Superoxide dismutase 3
<i>SP-B</i>	Surfactant-associated protein B
<i>sRAGE</i>	Soluble receptor for advanced glycation end products
<i>STAT</i>	Signal transducer and activator of transcription
<i>STAT4</i>	Signal transducer and activator of transcription 4
<i>STAT5</i>	Signal transducer and activator of transcription 5
<i>TGFB2</i>	Transforming growth factor beta 2
<i>TIMP-1</i>	Tissue inhibitor of metalloproteinases inhibitor 1
<i>TLR1</i>	Toll-like receptor 1
<i>TLR4</i>	Toll-like receptor 4
<i>TNFAIP3</i>	Tumor necrosis factor alpha-induced protein 3
<i>TNFR</i>	Tumor necrosis factor receptor
<i>TNFRSF11A</i>	Tumor necrosis factor receptor superfamily member 11a
<i>TRAF6</i>	TNF receptor-associated factor 6
<i>TRIF</i>	TIR-domain containing adaptor-inducing interferon-B
<i>TXN</i>	Thioredoxin
<i>VEGF</i>	Vascular endothelial growth factor
<i>VEGFA</i>	Vascular endothelial growth factor A
<i>vWF</i>	von Willebrand factor
<i>UGT2B7</i>	UDP glucuronosyltransferase family 2 member B7
<i>UTS2</i>	Urotensin 2
<i>XKR3</i>	XK-related 3
<i>YWHAZ</i>	Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein zeta
<i>ZNF335</i>	Zinc-Finger/Leucine-Zipper Co-Transducer NIF1

ARE, antioxidant response elements; *DIO2*, iodothyronine deiodinase 2; eNAMPT, extracellular NAMPT; *GADD45a*, growth arrest and DNA damage-inducible gene; HMGB1, high mobility group box 1; ICAM-1, intercellular adhesion molecule 1; *IRAK1*, interleukin-1 receptor associated kinase; KEAP1, Kelch-like ECH associated protein 1; KL-6, Krebs von den Lugen-6; LDH, lactate dehydrogenase; MIF, macrophage migration inhibitory factor; *MYLK*, myosin light chain kinase; NADPH, nicotinamide adenine dinucleotide; NAMPT, nicotinamide phosphoribosyl transferase; *PRDXs*, peroxiredoxin gene family; RANKL, receptor for receptor activator of NF- κ B ligand; S1Ps, sphingosine 1-phosphate receptors; TLR4, toll-like receptor 4; vWF, von Willebrand factor; XKR3, XK-related 3.