

Table S1. Exosomal proteins identified in the HF plasma*

Uniprot ID	Protein	Gene
P0DOX6	Immunoglobulin mu heavy chain	
P01023	<i>Alpha-2-macroglobulin</i>	A2M
Q4LEZ3	<i>Alanine and arginine-rich domain-containing protein</i>	AARD
O14672	<i>Disintegrin and metalloproteinase domain-containing protein 10</i>	ADAM10
P78536	<i>Disintegrin and metalloproteinase domain-containing protein 17</i>	ADAM17
P02765	<i>Alpha-2-HS-glycoprotein</i>	AHSG
O95831	<i>Apoptosis-inducing factor 1, mitochondrial</i>	AIFM1
O14862	Interferon-inducible protein AIM2	AIM2
P02768	<i>Serum albumin</i>	ALB
P02760	<i>Alpha-1-microglycoprotein</i>	AMBP
P23109	AMP deaminase 1	AMPD1
P02647	<i>Apolipoprotein A-I</i>	APOA1
P06727	Apolipoprotein A-IV	APOA4
P04114	<i>Apolipoprotein B-100</i>	APOB
P02649	Apolipoprotein E	APOE
O75531	<i>Barrier-to-autointegration factor</i>	BANF1
Q99728	BRCA1-associated RING domain protein 1	BARD1
P01024	<i>Complement C3</i>	C3
Q8N5S9	Calcium/calmodulin-dependent protein kinase kinase 1	CAMKK1
Q96PX6	<i>Coiled-coil domain-containing protein 85A</i>	CCDC85A
P25063	<i>Signal transducer CD24</i>	CD24
P08962	<i>CD63 antigen</i>	CD63
P60033	<i>CD81 antigen</i>	CD81
P21926	<i>CD9 antigen</i>	CD9
A0A1B0GU71	Uncharacterized protein CFAP97D2	CFAP97D
P08603	Complement factor H	CFH
Q8TDI0	<i>Chromodomain-helicase-DNA-binding protein 5</i>	CHD5
F8VUA8	Uncharacterized protein CLBA1	CLBA1
P10909	<i>Clusterin</i>	CLU
P61201	COP9 signalosome complex subunit 2	COPS2
Q6QEF8	Coronin-6	CORO6
P12074	Cytochrome c oxidase subunit 6A1, mitochondrial	COX6A1
Q8TES7	<i>Fas-binding factor 1</i>	FBF1
P02671	<i>Fibrinogen alpha chain</i>	FGA
P02675	<i>Fibrinogen beta chain</i>	FGB
O15520	<i>Fibroblast growth factor 10</i>	FGF10
P02679	<i>Fibrinogen gamma chain</i>	FGG
P02751	<i>Fibronectin</i>	FN1
Q96DB9	<i>FXYD domain-containing ion transport regulator 5</i>	FXYD5
O60861	<i>Growth arrest-specific protein 7</i>	GAS7
P06396	<i>Gelsolin</i>	GSN
O96004	Heart- and neural crest derivatives-expressed protein 1	HAND1
P68871	<i>Hemoglobin subunit beta</i>	HBB
P00738	<i>Haptoglobin</i>	HP
P00739	<i>Haptoglobin-related protein</i>	HPR
P02790	<i>Hemopexin</i>	HPX
P01859	Ig gamma-2 chain C region	IGHG2
P01871	Ig mu chain C region	IGHM

P01834	Ig kappa chain C region	IGKC
A0M8Q6	Ig lambda-7 chain C region	IGLC7
P02750	<i>Leucine-rich alpha-2-glycoprotein</i>	LRG
H0YGS3	Microfibrillar-associated protein 5	MFAP5
Q16674	<i>Melanoma-derived growth regulatory protein</i>	MIA
Q8N159	<i>N-acetylglutamate synthase, mitochondrial</i>	NAGS
P60323	Nanos homolog 3	NANOS3
P55209	<i>Nucleosome assembly protein 1-like 1</i>	NAP1L1
O43678	<i>NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2</i>	NDUFA2
Q9GZT8	<i>NIF3-like protein 1</i>	NIF3L1
Q9HCQ7	<i>Pro-FMRamide-related neuropeptide VF</i>	NPVF
P56373	P2X purinoceptor 3	P2RX3
O00329	<i>Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit delta isoform</i>	PIK3CD
P78356	<i>Phosphatidylinositol 4-kinase type 2-beta</i>	PIP4K2B
Q6IQ23	<i>Pleckstrin homology domain-containing family A member 7</i>	PLEKHA7
P11801	<i>Serine/threonine-protein kinase H1</i>	PSKH1
Q9UL26	<i>Ras-related protein Rab-22A</i>	RAB22A
Q8WXH6	Ras-related protein Rab-40A	RAB40A
P61224	<i>Ras-related GTP-binding protein B</i>	RAP1B
Q8TDF6	RAS guanyl-releasing protein 4	RASGRP4
P50749	<i>Ras association domain-containing protein 2</i>	RASSF2
O75526	<i>RNA-binding motif protein, X-linked-like-2</i>	RBMXL2
P40938	<i>Replication factor C subunit 3</i>	RFC3
Q969K3	<i>E3 ubiquitin-protein ligase RNF34</i>	RNF34
Q13424	Alpha-1-syntrophin	SNTA1
P02787	Serotransferrin	TF
Q9NUR3	Transmembrane protein 74B	TMEM74B
O43557	Tumor necrosis factor ligand superfamily member 14	TNFSF14
O43399	<i>Tumor protein D54</i>	TPD52L2
P02766	<i>Transthyretin</i>	TTR
P43403	<i>Tyrosine-protein kinase ZAP-70</i>	ZAP70
Q15776	Zinc finger protein with KRAB and SCAN domains 8	ZKSCAN8
Q9Y2P0	Zinc finger protein 835	ZNF835
O43309	Zinc finger and SCAN domain-containing protein 12	ZSCAN12

* - universal plasma exosome proteins of HFs and BCPs are in bold type, proteins previously identified in the Vesiclepedia database are marked in italics.