

Supplementary Table 1. List of significantly altered proteins identified in exosomes. Common proteins (11) in the list of Top 100 proteins often identified in EVs are highlighted in bold (see Supplementary Table 3).

| Protein names | Gene names | -log10(p-value) |
|--|-----------------|-----------------|
| Alix | PDCD6IP | 4,836 |
| Glycogen phosphorylase, muscle form | PYGM | 4,300 |
| Proteasome subunit beta type-1 | PSMB1 | 4,098 |
| Glycogen phosphorylase, liver form | PYGL | 4,097 |
| Proteasome subunit alpha type-7 | PSMA7 | 3,984 |
| Proteasome subunit beta type-7 | PSMB7 | 3,752 |
| Asporin | ASPN | 3,734 |
| Proteasome subunit alpha type-6 | PSMA6 | 3,695 |
| Proteasome subunit beta type-5 | PSMB5 | 3,652 |
| Homogentisate 1,2-dioxygenase | HGD | 3,611 |
| Receptor-type tyrosine-protein phosphatase | PTPRM | 3,610 |
| Vacuolar protein sorting-associated protein 28 homolog | VPS28 | 3,525 |
| Proteasome subunit alpha type-2 | PSMA2 | 3,511 |
| Proteasome subunit alpha type-4 | PSMA4 | 3,460 |
| Proteasome subunit beta type-4 | PSMB4 | 3,443 |
| Cation-independent mannose-6-phosphate receptor | IGF2R | 3,377 |
| Eukaryotic initiation factor 4A-II | EIF4A2 | 3,345 |
| Protein kinase C-binding protein NELL2 | NELL2 | 3,340 |
| 3-mercaptopyruvate sulfurtransferase | MPST | 3,327 |
| Mannose-1-phosphate guanylyltransferase beta | GMPPB | 3,264 |
| Cytosolic 10-formyltetrahydrofolate dehydrogenase | ALDH1L1 | 3,226 |
| Cytoplasmic aconitate hydratase | ACO1 | 3,172 |
| S-adenosylmethionine synthase isoform type-1 | MAT1A | 3,097 |
| Delta-aminolevulinic acid dehydratase | ALAD | 3,039 |
| Tubulin alpha-4A chain | TUBA4A | 3,033 |
| Vacuolar protein sorting-associated protein 37B | VPS37B | 3,012 |
| Adenosylhomocysteinase | AHCY | 2,989 |
| Regucalcin | RGN | 2,989 |
| Fructose-bisphosphate aldolase B | ALDOB | 2,989 |
| 4-trimethylaminobutyraldehyde dehydrogenase | ALDH9A1 | 2,960 |
| Microtubule-associated protein RP/EB family member 2 | MAPRE2 | 2,933 |
| Uroporphyrinogen decarboxylase | UROD | 2,927 |
| Coronin-1A | CORO1A | 2,918 |
| Serine protease 23 | PRSS23 | 2,896 |
| Proteasome subunit beta type-2 | PSMB2 | 2,860 |
| Haptoglobin | HP | 2,859 |
| Collagen alpha-3(VI) chain | COL6A3 | 2,814 |
| Argininosuccinate synthase | ASS1 | 2,791 |
| Galectin-3-binding protein | LGALS3BP | 2,774 |
| von Willebrand factor; von Willebrand antigen 2 | VWF | 2,736 |
| Lipoprotein lipase | LPL | 2,730 |
| Protein MON2 homolog | MON2 | 2,712 |
| Coagulation factor X | F10 | 2,700 |

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| 3-oxo-5-beta-steroid 4-dehydrogenase | <i>AKR1D1</i> | 2,696 |
| Proteasome subunit alpha type-5 | <i>PSMA5</i> | 2,660 |
| Reelin | <i>RELN</i> | 2,654 |
| Proteasome subunit alpha type-3 | <i>PSMA3</i> | 2,636 |
| Prostaglandin reductase 1 | <i>PTGR1</i> | 2,592 |
| Complement C4-A | <i>C4A;C4B</i> | 2,588 |
| Prostamide/prostaglandin F synthase | <i>FAM213B</i> | 2,553 |
| Collectin-10 | <i>COLEC10</i> | 2,547 |
| 26S proteasome non-ATPase regulatory subunit 5 | <i>PSMD5</i> | 2,523 |
| Carbonic anhydrase 2 | <i>CA2</i> | 2,519 |
| Ferritin heavy chain | <i>FTH1</i> | 2,515 |
| COP9 signalosome complex subunit 7b | <i>COPS7B</i> | 2,509 |
| Clusterin | <i>CLU</i> | 2,506 |
| COP9 signalosome complex subunit 3 | <i>COPS3</i> | 2,467 |
| Syntenin-1 | <i>SDCBP</i> | 2,464 |
| Immunoglobulin J chain | <i>IGJ</i> | 2,463 |
| Retinal dehydrogenase 1 | <i>ALDH1A1</i> | 2,440 |
| Ectonucleotide pyrophosphatase/phosphodiesterase family member 2 | <i>ENPP2</i> | 2,412 |
| Alpha-crystallin B chain | <i>CRYAB</i> | 2,407 |
| Integrin-linked protein kinase | <i>ILK</i> | 2,402 |
| Ubiquitin thioesterase OTUB1 | <i>OTUB1</i> | 2,375 |
| Tenascin | <i>TNC</i> | 2,365 |
| Neuroserpin | <i>SERPINI1</i> | 2,360 |
| Quinone oxidoreductase | <i>CRYZ</i> | 2,330 |
| Prolow-density lipoprotein receptor-related protein 1 | <i>LRP1</i> | 2,328 |
| Proteasome subunit beta type-6 | <i>PSMB6</i> | 2,324 |
| Membrane-bound transcription factor site-1 protease | <i>MBTPS1</i> | 2,321 |
| Proteasome subunit alpha type-1 | <i>PSMA1</i> | 2,316 |
| General vesicular transport factor p115 | <i>USO1</i> | 2,311 |
| Alcohol dehydrogenase class-3 | <i>ADH5</i> | 2,301 |
| COP9 signalosome complex subunit 4 | <i>COPS4</i> | 2,294 |
| Sulfotransferase 1C2 | <i>SULT1C2</i> | 2,293 |
| Thyroglobulin | <i>TG</i> | 2,282 |
| Ras-related protein Rab-5B | <i>RAB5B</i> | 2,269 |
| Collagen alpha-1(II) chain | <i>COL2A1</i> | 2,246 |
| Tetraspanin-14 | <i>TSPAN14</i> | 2,231 |
| Betaine--homocysteine S-methyltransferase 1 | <i>BHMT</i> | 2,218 |
| Collagen alpha-2(V) chain | <i>COL5A2</i> | 2,204 |
| Thrombospondin-4 | <i>THBS4</i> | 2,203 |
| Proteasome subunit beta type-3 | <i>PSMB3</i> | 2,197 |
| Nicotinate-nucleotide pyrophosphorylase [carboxylating] | <i>QPRT</i> | 2,184 |
| Golgi membrane protein 1 | <i>GOLM1</i> | 2,177 |
| Flavin reductase (NADPH) | <i>BLVRB</i> | 2,156 |
| 26S protease regulatory subunit 6A | <i>PSMC3</i> | 2,154 |
| Phenazine biosynthesis-like domain-containing protein | <i>PBLD</i> | 2,146 |
| Glycogen phosphorylase, brain form | <i>PYGB</i> | 2,135 |
| Galactokinase | <i>GALK1</i> | 2,130 |
| Follistatin-related protein 1 | <i>FSTL1</i> | 2,130 |

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| Aflatoxin B1 aldehyde reductase member 4 | <i>AKR7L</i> | 2,122 |
| Actin-related protein 2/3 complex subunit 1B | <i>ARPC1B</i> | 2,120 |
| Ribonucleoside-diphosphate reductase large subunit | <i>RRM1</i> | 2,083 |
| Protocadherin Fat 1 | <i>FAT1</i> | 2,074 |
| Septin-9 | <i>09-Sep</i> | 2,074 |
| 4-hydroxyphenylpyruvate dioxygenase | <i>HPD</i> | 2,068 |
| Complement C1q tumor necrosis factor-related protein 3 | <i>C1QTNF3</i> | 2,056 |
| Vesicular integral-membrane protein VIP36 | <i>LMAN2</i> | 2,020 |
| Procollagen-lysine,2-oxoglutarate 5-dioxygenase 1 | <i>PLOD1</i> | 1,988 |
| Collagen alpha-1(I) chain | <i>COL1A1</i> | 1,949 |
| Fumarylacetoacetate hydrolase domain-containing protein 2A | <i>FAHD2A;FAHD2B</i> | 1,929 |
| Ras-related protein Rab-1B | <i>RAB1B</i> | 1,910 |
| Dehydrogenase/reductase SDR family member 11 | <i>DHRS11</i> | 1,893 |
| Collagen alpha-2(I) chain | <i>COL1A2</i> | 1,880 |
| GTP-binding nuclear protein Ran | <i>RAN</i> | 1,877 |
| Collagen alpha-1(V) chain | <i>COL5A1</i> | 1,874 |
| Metalloproteinase inhibitor 2 | <i>TIMP2</i> | 1,870 |
| Tetraspanin-6 | <i>TSPAN6</i> | 1,852 |
| Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform | <i>PPP2CA</i> | 1,843 |
| Mitogen-activated protein kinase 1 | <i>MAPK1</i> | 1,822 |
| Endothelial protein C receptor | <i>PROCR</i> | 1,815 |
| Isocitrate dehydrogenase [NADP] cytoplasmic | <i>IDH1</i> | 1,811 |
| Membrane primary amine oxidase | <i>AOC3</i> | 1,810 |
| Low molecular weight phosphotyrosine protein phosphatase | <i>ACP1</i> | 1,803 |
| Bone morphogenetic protein 1 | <i>BMP1</i> | 1,796 |
| 60S ribosomal protein L12 | <i>RPL12</i> | 1,784 |
| Adenosine kinase | <i>ADK</i> | 1,783 |
| Beta-parvin | <i>PARVB</i> | 1,779 |
| Peroxidasin homolog | <i>PXDN</i> | 1,775 |
| Arginase-1 | <i>ARG1</i> | 1,764 |
| Dihydropyrimidinase | <i>DPYS</i> | 1,763 |
| Fibrinogen gamma chain | <i>FGG</i> | 1,745 |
| Tetraspanin-9 | <i>TSPAN9</i> | 1,742 |
| Transforming growth factor beta-1 | <i>TGFB1</i> | 1,740 |
| Fibrocystin-L | <i>PKHD1L1</i> | 1,737 |
| Glutaminyl-peptide cyclotransferase | <i>QPCT</i> | 1,720 |
| Fumarylacetoacetate | <i>FAH</i> | 1,715 |
| Arrestin domain-containing protein 1 | <i>ARRDC1</i> | 1,706 |
| Probable maltase-glucoamylase-like protein | <i>LOC93432</i> | 1,703 |
| V-type proton ATPase catalytic subunit A | <i>ATP6V1A</i> | 1,700 |
| Alpha-galactosidase A | <i>GLA</i> | 1,698 |
| Probable imidazolonepropionase | <i>AMDHD1</i> | 1,690 |
| ProSAAS | <i>PCSK1N</i> | 1,685 |
| Cerebellin-4 | <i>CBLN4</i> | 1,685 |
| Receptor-type tyrosine-protein phosphatase kappa | <i>PTPRK</i> | 1,671 |
| Collagen alpha-2(VI) chain | <i>COL6A2</i> | 1,671 |
| Lysosomal alpha-mannosidase | <i>MAN2B1</i> | 1,666 |
| Cathepsin L2 | <i>CTSV</i> | 1,659 |

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|---|--------------------|--------------|
| Glucosamine 6-phosphate N-acetyltransferase | <i>GPNAT1</i> | 1,649 |
| Isopentenyl-diphosphate Delta-isomerase 1 | <i>IDI1</i> | 1,636 |
| Vesicle-associated membrane protein 2 | <i>VAMP2</i> | 1,635 |
| cGMP-specific 3,5-cyclic phosphodiesterase | <i>PDE5A</i> | 1,630 |
| cAMP-dependent protein kinase type I-alpha regulatory subunit | <i>PRKAR1A</i> | 1,624 |
| Acetyl-CoA carboxylase 1 | <i>ACACA</i> | 1,620 |
| Alpha-mannosidase 2 | <i>MAN2A1</i> | 1,619 |
| Heat shock protein beta-1 | <i>HSPB1</i> | 1,616 |
| Extracellular matrix protein FRAS1 | <i>FRAS1</i> | 1,607 |
| CD63 antigen | <i>CD63</i> | 1,589 |
| MMS19 nucleotide excision repair protein homolog | <i>MMS19</i> | 1,583 |
| Apolipoprotein C-III | <i>APOC3</i> | 1,580 |
| 40S ribosomal protein S20 | <i>RPS20</i> | 1,578 |
| L-xylulose reductase | <i>DCXR</i> | 1,556 |
| Fermitin family homolog 3 | <i>FERMT3</i> | 1,552 |
| Prolyl endopeptidase FAP | <i>FAP</i> | 1,545 |
| Estrogen sulfotransferase | <i>SULT1E1</i> | 1,544 |
| Sphingomyelin phosphodiesterase | <i>SMPD1</i> | 1,538 |
| Ras-related C3 botulinum toxin substrate 2 | <i>RAC2</i> | 1,536 |
| 40S ribosomal protein SA | <i>RPSA</i> | 1,529 |
| Sorbitol dehydrogenase | <i>SORD</i> | 1,516 |
| Vacuolar protein-sorting-associated protein 25 | <i>VPS25</i> | 1,496 |
| Protein CutA | <i>CUTA</i> | 1,485 |
| 26S proteasome non-ATPase regulatory subunit 14 | <i>PSMD14</i> | 1,483 |
| C-type lectin domain family 11 member A | <i>CLEC11A</i> | 1,483 |
| Talin-1 | <i>TLN1</i> | 1,479 |
| Gelsolin | <i>GSN</i> | 1,477 |
| COP9 signalosome complex subunit 2 | <i>COPS2</i> | 1,474 |
| Putative RNA-binding protein Luc7-like 2 | <i>LUC7L2</i> | 1,472 |
| 40S ribosomal protein S17 | <i>RPS17</i> | 1,470 |
| CD81 antigen | <i>CD81</i> | 1,454 |
| Transmembrane protein 132C | <i>TMEM132C</i> | 1,444 |
| Nuclear transport factor 2 | <i>NUTF2</i> | 1,441 |
| Inositol-3-phosphate synthase 1 | <i>ISYNA1</i> | 1,428 |
| 26S proteasome non-ATPase regulatory subunit 7 | <i>PSMD7</i> | 1,421 |
| Cochlin | <i>COCH</i> | 1,410 |
| ER lumen protein-retaining receptor 1 | <i>KDELR1</i> | 1,410 |
| ATP-dependent 6-phosphofructokinase, platelet type | <i>PFKP</i> | 1,398 |
| Carboxymethylenebutenolidase homolog | <i>CMBL</i> | 1,391 |
| 26S proteasome non-ATPase regulatory subunit 11 | <i>PSMD11</i> | 1,388 |
| Deleted in malignant brain tumors 1 protein | <i>DMBT1</i> | 1,387 |
| Pleckstrin homology domain-containing family B member 2 | <i>PLEKHB2</i> | 1,360 |
| Gamma-glutamyl hydrolase | <i>GGH</i> | 1,349 |
| Complement C3 | <i>C3</i> | 1,344 |
| LIM and senescent cell antigen-like-containing domain protein 1 | <i>LIMS1</i> | 1,338 |
| Complement C1r subcomponent | <i>C1R</i> | 1,324 |
| Desmocollin-3 | <i>DSC3</i> | 1,321 |
| COP9 signalosome complex subunit 6 | <i>COPS6</i> | 1,316 |

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|--|-------------------|--------------|
| 26S proteasome non-ATPase regulatory subunit 3 | <i>PSMD3</i> | 1,312 |
| Bisphosphoglycerate mutase | <i>BPGM</i> | 1,301 |
| Galectin-related protein | <i>LGALS1</i> | 1,282 |
| Cathepsin Z | <i>CTSZ</i> | 1,275 |
| Tetraspanin-7 | <i>TSPAN7</i> | 1,272 |
| Multiple epidermal growth factor-like domains protein 10 | <i>MEGF10</i> | 1,242 |
| EMILIN-3 | <i>EMILIN3</i> | 1,232 |
| Vigilin | <i>HDLBP</i> | 1,225 |
| Serine/threonine-protein phosphatase CPPED1 | <i>CPPED1</i> | 1,189 |
| Collagen alpha-1(XII) chain | <i>COL12A1</i> | 1,181 |
| Alpha-2-macroglobulin | <i>A2M</i> | 1,112 |
| Ig gamma-4 chain C region | <i>IGHG4</i> | 1,089 |
| Cornulin | <i>CRNN</i> | 1,037 |
| Hemoglobin subunit beta | <i>HBB</i> | 1,016 |

Supplementary Table 2. List of significantly altered proteins identified in ectosomes. Common proteins (52) in the list of Top 100 proteins often identified in EVs are highlighted in bold (see Supplementary Table 3).

| Protein names | Gene names | -log10(p-value) |
|---|----------------------|-----------------|
| Band 4.1-like protein 2 | <i>EPB41L2</i> | 9,852 |
| Band 4.1-like protein 3 | <i>EPB41L3</i> | 8,468 |
| Plasma membrane calcium-transporting ATPase 1 | <i>ATP2B1</i> | 7,567 |
| Phosphatidylinositol 4-kinase alpha | <i>PI4KA</i> | 7,239 |
| Tubulin-specific chaperone A | <i>TBCA</i> | 6,731 |
| Profilin-1 | <i>PFN1</i> | 6,708 |
| MARCKS-related protein | <i>MARCKSL1</i> | 6,644 |
| 4F2 cell-surface antigen heavy chain | <i>SLC3A2</i> | 6,412 |
| Cytoplasmic FMR1-interacting protein 1 | <i>CYFIP1</i> | 6,209 |
| Myelin protein zero-like protein 1 | <i>MPZL1</i> | 6,167 |
| Na(+)/H(+) exchange regulatory cofactor NHE-RF1 | <i>SLC9A3R1</i> | 6,151 |
| Unconventional myosin-Ic | <i>MYO1C</i> | 5,986 |
| Protein scribble homolog | <i>SCRIB</i> | 5,985 |
| N(G),N(G)-dimethylarginine dimethylaminohydrolase 1 | <i>DDAH1</i> | 5,900 |
| 2,3-cyclic-nucleotide 3-phosphodiesterase | <i>CNP</i> | 5,696 |
| Sodium/potassium-transporting ATPase subunit alpha-1 | <i>ATP1A1</i> | 5,640 |
| Lethal(2) giant larvae protein homolog 1 | <i>LLGL1</i> | 5,620 |
| FERM, RhoGEF and pleckstrin domain-containing protein 1 | <i>FARP1</i> | 5,604 |
| Integrin alpha-5 | <i>ITGA5</i> | 5,589 |
| Catenin delta-1 | <i>CTNND1</i> | 5,556 |
| Charged multivesicular body protein 6 | <i>CHMP6</i> | 5,507 |
| Basigin | <i>BSG</i> | 5,349 |
| PDZ domain-containing protein GIPC1 | <i>GIPC1</i> | 5,304 |
| Plastin-3 | <i>PLS3</i> | 5,244 |
| Peripheral plasma membrane protein CASK | <i>CASK</i> | 5,235 |
| Trifunctional purine biosynthetic protein adenosine-3 | <i>GART</i> | 5,214 |
| 14-3-3 protein epsilon | <i>YWHAE</i> | 5,213 |
| Moesin | <i>MSN</i> | 5,169 |

| Annexin A6 | ANXA6 | 5,150 |
|---|---------------------|--------------|
| Myristoylated alanine-rich C-kinase substrate | MARCKS | 5,105 |
| Protein lin-7 homolog C | LIN7C | 5,092 |
| Guanine nucleotide-binding protein subunit alpha-13 | GNA13 | 5,054 |
| Ubiquitin-40S ribosomal protein S27a | RPS27A;UBB/C | 5,027 |
| Immunoglobulin superfamily member 3 | IGSF3 | 4,988 |
| EGF-like repeat and discoidin I-like domain-containing protein 3 | EDIL3 | 4,974 |
| Sodium/potassium-transporting ATPase subunit beta-1 | ATP1B1 | 4,960 |
| Unconventional myosin-Ib | MYO1B | 4,885 |
| WD repeat-containing protein 6 | WDR6 | 4,826 |
| Guanine nucleotide-binding protein G(i) subunit alpha-1 | GNAI1 | 4,814 |
| Inactive tyrosine-protein kinase 7 | PTK7 | 4,790 |
| CD276 antigen | CD276 | 4,781 |
| Sodium/potassium-transporting ATPase subunit beta-3 | ATP1B3 | 4,738 |
| Catenin beta-1 | CTNNB1 | 4,699 |
| Unconventional myosin-IId | MYO1D | 4,582 |
| Calcyclin-binding protein | CACYBP | 4,579 |
| Heat shock 70 kDa protein 4 | HSPA4 | 4,550 |
| Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-12 | GNG12 | 4,474 |
| Afadin | MLLT4 | 4,449 |
| Catenin alpha-1 | CTNNA1 | 4,449 |
| Ras-related protein Rab-21 | RAB21 | 4,444 |
| Kinesin-like protein KIF23 | KIF23 | 4,376 |
| A-kinase anchor protein 12 | AKAP12 | 4,302 |
| Complement component 1 Q subcomponent-binding protein | C1QBP | 4,296 |
| Peroxiredoxin-1 | PRDX1 | 4,263 |
| Neutral amino acid transporter B(0) | SLC1A5 | 4,221 |
| Fatty acid synthase | FASN | 4,138 |
| Pachytene checkpoint protein 2 homolog | TRIP13 | 4,113 |
| Radixin | RDX | 4,089 |
| Phospholipid-transporting ATPase IG | ATP11C | 4,077 |
| Guanine nucleotide-binding protein G(s) subunit alpha isoforms | GNAS | 4,055 |
| Nck-associated protein 1 | NCKAP1 | 4,054 |
| C-1-tetrahydrofolate synthase | MTHFD1 | 4,019 |
| Disks large homolog 1 | DLG1 | 4,010 |
| Glutathione S-transferase P | GSTP1 | 4,008 |
| Creatine kinase B-type | CKB | 4,007 |
| Ectonucleotide pyrophosphatase/phosphodiesterase family member 1 | ENPP1 | 3,995 |
| Collagen alpha-1(XVIII) chain | COL18A1 | 3,995 |
| Integrin alpha-1 | ITGA1 | 3,987 |
| 14-3-3 protein beta/alpha | YWHAZ | 3,953 |
| Cyclin-dependent kinase 1 | CDK1 | 3,950 |
| Zinc transporter ZIP6 | SLC39A6 | 3,947 |
| Microtubule-associated protein RP/EB family member 1 | MAPRE1 | 3,914 |
| Large neutral amino acids transporter small subunit 1 | SLC7A5 | 3,865 |
| Translation initiation factor eIF-2B subunit alpha | EIF2B1 | 3,790 |
| Monocarboxylate transporter 1 | SLC16A1 | 3,788 |
| 14-3-3 protein theta | YWHAQ | 3,784 |

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| Ras GTPase-activating-like protein | <i>IQGAP1</i> | 3,751 |
| 14-3-3 protein eta | <i>YWHAH</i> | 3,743 |
| Peroxiredoxin-6 | <i>PRDX6</i> | 3,729 |
| Cytoplasmic FMR1-interacting protein 2 | <i>CYFIP2</i> | 3,687 |
| Kinesin-1 heavy chain | <i>KIF5B</i> | 3,680 |
| Nicastrin | <i>NCSTN</i> | 3,677 |
| Guanine nucleotide-binding protein G(k) subunit alpha | <i>GNAI3</i> | 3,644 |
| Annexin A2 | <i>ANXA2</i> | 3,628 |
| dCTP pyrophosphatase 1 | <i>DCTPP1</i> | 3,580 |
| Integrin beta-1 | <i>ITGB1</i> | 3,579 |
| DnaJ homolog subfamily C member 5 | <i>DNAJC5</i> | 3,575 |
| Four and a half LIM domains protein 1 | <i>FHL1</i> | 3,567 |
| Actin, cytoplasmic 2 | <i>ACTG1</i> | 3,555 |
| Endoplasmin | <i>HSP90B1</i> | 3,554 |
| BolA-like protein 2 | <i>BOLA2</i> | 3,550 |
| Purine nucleoside phosphorylase | <i>PNP</i> | 3,538 |
| Basement membrane-specific heparan sulfate proteoglycan core protein | <i>HSPG2</i> | 3,487 |
| Receptor-type tyrosine-protein phosphatase F | <i>PTPRF</i> | 3,433 |
| D-3-phosphoglycerate dehydrogenase | <i>PHGDH</i> | 3,433 |
| Protein unc-45 homolog A | <i>UNC45A</i> | 3,432 |
| Insulin receptor substrate 4 | <i>IRS4</i> | 3,430 |
| Guanine nucleotide-binding protein G(i) subunit alpha-2 | <i>GNAI2</i> | 3,417 |
| Brain acid soluble protein 1 | <i>BASP1</i> | 3,383 |
| Ezrin | <i>EZR</i> | 3,375 |
| Cofilin-2 | <i>CFL2</i> | 3,371 |
| 10 kDa heat shock protein, mitochondrial | <i>HSPE1</i> | 3,363 |
| Protein NDRG1 | <i>NDRG1</i> | 3,352 |
| Coxsackievirus and adenovirus receptor | <i>CXADR</i> | 3,347 |
| Poly(rC)-binding protein 2 | <i>PCBP2</i> | 3,321 |
| Ubiquitin carboxyl-terminal hydrolase isozyme L1 | <i>UCHL1</i> | 3,321 |
| Guanine nucleotide-binding protein subunit alpha-11 | <i>GNA11</i> | 3,303 |
| Heat shock protein HSP 90-beta | <i>HSP90AB1</i> | 3,294 |
| Heat shock protein 105 kDa | <i>HSPH1</i> | 3,259 |
| Ras-related protein Rab-10 | <i>RAB10</i> | 3,255 |
| GTP-binding protein Rheb | <i>RHEB</i> | 3,252 |
| Protein XRP2 | <i>RP2</i> | 3,245 |
| Equilibrative nucleoside transporter 1 | <i>SLC29A1</i> | 3,219 |
| Protein unc-13 homolog D | <i>UNC13D</i> | 3,212 |
| 14-3-3 protein zeta/delta | <i>YWHAZ</i> | 3,209 |
| Poly(rC)-binding protein 1 | <i>PCBP1</i> | 3,208 |
| Ephrin type-A receptor 2 | <i>EPHA2</i> | 3,206 |
| Plexin-A1 | <i>PLXNA1</i> | 3,205 |
| Heat shock 70 kDa protein 1B;Heat shock 70 kDa protein 1A | <i>HSPA1B;HSPA1A</i> | 3,197 |
| Hypoxanthine-guanine phosphoribosyltransferase | <i>HPRT1</i> | 3,188 |
| Programmed cell death protein 5 | <i>PDCD5</i> | 3,183 |
| T-complex protein 1 subunit alpha | <i>TCP1</i> | 3,167 |
| Annexin A1 | <i>ANXA1</i> | 3,162 |
| Prohibitin | <i>PHB</i> | 3,152 |

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| Chloride intracellular channel protein 4 | CLIC4 | 3,144 |
| Leucine-rich repeat-containing protein 57 | <i>LRRC57</i> | 3,142 |
| Neurogenic locus notch homolog protein 2 | <i>NOTCH2</i> | 3,139 |
| Ras-related protein Rab-7a | RAB7A | 3,137 |
| Junctional adhesion molecule C | <i>JAM3</i> | 3,108 |
| Nidogen-2 | <i>NID2</i> | 3,103 |
| Small VCP/p97-interacting protein | <i>SVIP</i> | 3,093 |
| MOB kinase activator 1A;MOB kinase activator 1B | <i>MOB1A;MOB1B</i> | 3,090 |
| Inorganic pyrophosphatase | <i>PPA1</i> | 3,088 |
| Ras-related protein Rab-23 | <i>RAB23</i> | 3,071 |
| Zinc finger CCCH-type antiviral protein 1 | <i>ZC3HAV1</i> | 3,039 |
| HLA class I histocompatibility antigen, A-2 alpha chain | <i>HLA-A</i> | 3,034 |
| Glycan-4;Secreted glycan-4 | <i>GPC4</i> | 3,033 |
| Phosphoribosylformylglycinamidine synthase | <i>PFAS</i> | 2,977 |
| L-lactate dehydrogenase A chain | LDHA | 2,965 |
| T-complex protein 1 subunit epsilon | <i>CCT5</i> | 2,944 |
| Single-stranded DNA-binding protein, mitochondrial | <i>SSBP1</i> | 2,938 |
| HLA class I histocompatibility antigen, B-7 alpha chain | <i>HLA-B</i> | 2,909 |
| Syntaxin-4 | <i>STX4</i> | 2,907 |
| Integrin alpha-V | <i>ITGAV</i> | 2,885 |
| Synaptosomal-associated protein 23 | <i>SNAP23</i> | 2,884 |
| Fascin | <i>FSCN1</i> | 2,883 |
| Peroxiredoxin-2 | PRDX2 | 2,876 |
| 14-3-3 protein gamma | YWHAG | 2,874 |
| Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1 | GNB1 | 2,860 |
| Rho GDP-dissociation inhibitor 1 | <i>ARHGDIA</i> | 2,851 |
| Copine-3 | <i>CPNE3</i> | 2,845 |
| Triosephosphate isomerase | TPI1 | 2,842 |
| ADP-sugar pyrophosphatase | <i>NUDT5</i> | 2,839 |
| Solute carrier family 12 member 2 | <i>SLC12A2</i> | 2,802 |
| Elongation factor 1-alpha 1;Putative elongation factor 1-alpha-like 3 | <i>EEF1A1;EEF1A1 P5</i> | 2,761 |
| Synaptic vesicle membrane protein VAT-1 homolog | <i>VAT1</i> | 2,731 |
| T-complex protein 1 subunit eta | <i>CCT7</i> | 2,729 |
| T-complex protein 1 subunit zeta | CCT6A | 2,728 |
| Serine/threonine-protein kinase MRCK beta | <i>CDC42BPB</i> | 2,699 |
| Multifunctional protein ADE2 | <i>PAICS</i> | 2,688 |
| Protein FAM49B | <i>FAM49B</i> | 2,686 |
| Ras-related protein Rab-5C | RAB5C | 2,680 |
| Receptor-type tyrosine-protein phosphatase gamma | <i>PTPRG</i> | 2,677 |
| Myosin light polypeptide 6 | <i>MYL6</i> | 2,673 |
| Destrin | <i>DSTN</i> | 2,673 |
| Fibronectin | FN1 | 2,672 |
| Gap junction alpha-1 protein | <i>GJA1</i> | 2,665 |
| LIM and SH3 domain protein 1 | <i>LASP1</i> | 2,647 |
| Aspartate aminotransferase, cytoplasmic | <i>GOT1</i> | 2,643 |
| CTP synthase 1 | <i>CTPS1</i> | 2,640 |
| Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-2 | GNB2 | 2,631 |

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|---|--------------------|--------------|
| Collagen alpha-1(IV) chain | COL4A1 | 2,630 |
| Ras-related protein Rab-8B | RAB8B | 2,629 |
| Elongation factor 1-delta | EEF1D | 2,609 |
| T-complex protein 1 subunit delta | CCT4 | 2,597 |
| Serine/threonine-protein kinase 26 | STK26 | 2,584 |
| 60 kDa heat shock protein, mitochondrial | HSPD1 | 2,582 |
| Integrin alpha-2 | ITGA2 | 2,567 |
| Disks large homolog 3 | DLG3 | 2,562 |
| Calcineurin B homologous protein 1 | CHP1 | 2,549 |
| Ras-related protein Rab-35 | RAB35 | 2,518 |
| Protein disulfide-isomerase A6 | PDIA6 | 2,517 |
| Ras-related protein Ral-A | RALA | 2,509 |
| Elongation factor 1-beta | EEF1B2 | 2,506 |
| Nuclear migration protein nudC | NUDC | 2,505 |
| Mitogen-activated protein kinase kinase kinase kinase 4 | MAP4K4 | 2,487 |
| Choline transporter-like protein 2 | SLC44A2 | 2,486 |
| Insulin-like growth factor 1 receptor | IGF1R | 2,486 |
| Glyceraldehyde-3-phosphate dehydrogenase | GAPDH | 2,478 |
| Ras-related protein R-Ras2 | RRAS2 | 2,478 |
| Protein deglycase DJ-1 | PARK7 | 2,444 |
| Coatomer subunit alpha;Xenin;Proxenin | COPA | 2,433 |
| Importin subunit beta-1 | KPNB1 | 2,432 |
| T-complex protein 1 subunit beta | CCT2 | 2,423 |
| Ras GTPase-activating protein 3 | RASA3 | 2,405 |
| Importin-4 | IPO4 | 2,393 |
| Presenilin-1 | PSEN1 | 2,393 |
| 2-deoxynucleoside 5-phosphate N-hydrolase 1 | DNPH1 | 2,385 |
| Prohibitin-2 | PHB2 | 2,378 |
| Heat shock protein HSP 90-alpha | HSP90AA1 | 2,376 |
| Elongation factor Tu, mitochondrial | TUFM | 2,363 |
| Glycine-tRNA ligase | GARS | 2,356 |
| GTPase HRas | HRAS | 2,355 |
| Pyruvate kinase PKM | PKM | 2,355 |
| Guanine nucleotide-binding protein G(o) subunit alpha | GNAO1 | 2,351 |
| Rac GTPase-activating protein 1 | RACGAP1 | 2,343 |
| ATP-dependent RNA helicase DDX3X/ DDX3Y | DDX3X;DDX3Y | 2,341 |
| Zinc transporter ZIP14 | SLC39A14 | 2,336 |
| Sorting nexin-5 | SNX5 | 2,330 |
| Ubiquitin-conjugating enzyme E2 K | UBE2K | 2,325 |
| Thioredoxin domain-containing protein 17 | TXNDC17 | 2,317 |
| Cofilin-1 | CFL1 | 2,313 |
| Heterogeneous nuclear ribonucleoprotein A3 | HNRNPA3 | 2,310 |
| DNA topoisomerase 2-alpha | TOP2A | 2,308 |
| Calcium-binding protein 39 | CAB39 | 2,290 |
| Collagen alpha-2(IV) chain;Canstatin | COL4A2 | 2,285 |
| Lactoylglutathione lyase | GLO1 | 2,281 |
| Rho-associated protein kinase 1 | ROCK1 | 2,271 |
| Centrosomal protein of 55 kDa | CEP55 | 2,268 |

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|---|---------------------|--------------|
| Nucleoside diphosphate kinase B;Putative nucleoside diphosphate kinase | <i>NME2;NME2P1</i> | 2,255 |
| Ras-related C3 botulinum toxin substrate 1 | <i>RAC1</i> | 2,246 |
| Neuropilin-1 | <i>NRP1</i> | 2,227 |
| Phosphatidylethanolamine-binding protein 1; Hippocampal cholinergic neurostimulating peptide | <i>PEBP1</i> | 2,217 |
| Integrin alpha-6 | <i>ITGA6</i> | 2,203 |
| Protein kinase C beta type | <i>PRKCB</i> | 2,196 |
| Fatty acid-binding protein, epidermal | <i>FABP5</i> | 2,190 |
| T-complex protein 1 subunit theta | <i>CCT8</i> | 2,180 |
| Endophilin-B1 | <i>SH3GLB1</i> | 2,168 |
| AP-2 complex subunit beta | <i>AP2B1</i> | 2,147 |
| Melanoma-associated antigen D2 | <i>MAGED2</i> | 2,127 |
| Stathmin | <i>STMN1</i> | 2,123 |
| Annexin A3 | <i>ANXA3</i> | 2,100 |
| Fructose-bisphosphate aldolase A | <i>ALDOA</i> | 2,100 |
| Heat shock cognate 71 kDa protein | <i>HSPA8</i> | 2,096 |
| Alpha-enolase | <i>ENO1</i> | 2,093 |
| Guanine nucleotide-binding protein G(q) subunit alpha | <i>GNAQ</i> | 2,090 |
| Phosphatidylinositol transfer protein beta isoform | <i>PITPNB</i> | 2,089 |
| Junction plakoglobin | <i>JUP</i> | 2,075 |
| Filamin-B | <i>FLNB</i> | 2,072 |
| Golgin subfamily A member 7 | <i>GOLGA7</i> | 2,071 |
| Programmed cell death protein 10 | <i>PDCD10</i> | 2,062 |
| Neuroblast differentiation-associated protein AHNAK | <i>AHNAK</i> | 2,045 |
| Puromycin-sensitive aminopeptidase | <i>NPEPPS</i> | 2,044 |
| Lysyl oxidase homolog 2 | <i>LOXL2</i> | 2,043 |
| Transgelin-2 | <i>TAGLN2</i> | 2,032 |
| Anosmin-1 | <i>KAL1</i> | 2,029 |
| Cyclin-Y | <i>CCNY</i> | 2,016 |
| Laminin subunit alpha-5 | <i>LAMA5</i> | 2,015 |
| Nucleoside diphosphate kinase A | <i>NME1</i> | 2,011 |
| Rho-related GTP-binding protein RhoG | <i>RHOG</i> | 2,008 |
| Serine/threonine-protein kinase TAO1 | <i>TAOK1</i> | 1,998 |
| Proliferating cell nuclear antigen | <i>PCNA</i> | 1,991 |
| BTB/POZ domain-containing protein KCTD12 | <i>KCTD12</i> | 1,977 |
| Staphylococcal nuclease domain-containing protein 1 | <i>SND1</i> | 1,963 |
| CD59 glycoprotein | <i>CD59</i> | 1,961 |
| Junctional adhesion molecule A | <i>F11R</i> | 1,959 |
| Annexin A5 | <i>ANXA5</i> | 1,957 |
| Protein NDNF | <i>NDNF</i> | 1,956 |
| NADH-cytochrome b5 reductase 3 | <i>CYB5R3</i> | 1,953 |
| Ras-related protein Rab-13 | <i>RAB13</i> | 1,943 |
| Occludin | <i>OCLN</i> | 1,938 |
| Glycan-6;Secreted glycan-6 | <i>GPC6</i> | 1,933 |
| CAD protein | <i>CAD</i> | 1,909 |
| Lysosome-associated membrane glycoprotein 1 | <i>LAMP1</i> | 1,899 |
| Protein-L-isoaspartate(D-aspartate) O-methyltransferase | <i>PCMT1</i> | 1,898 |
| Activator of 90 kDa heat shock protein ATPase homolog 1 | <i>AHSA1</i> | 1,886 |

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|--|---------------------|--------------|
| Fermitin family homolog 2 | <i>FERMT2</i> | 1,875 |
| Band 4.1-like protein 5 | <i>EPB41L5</i> | 1,870 |
| STE20-like serine/threonine-protein kinase | <i>SLK</i> | 1,869 |
| Stress-70 protein, mitochondrial | <i>HSPA9</i> | 1,863 |
| DnaJ homolog subfamily B member 1 | <i>DNAJB1</i> | 1,858 |
| Malate dehydrogenase, mitochondrial | <i>MDH2</i> | 1,847 |
| Protein EFR3 homolog A | <i>EFR3A</i> | 1,842 |
| ATP synthase subunit alpha, mitochondrial | <i>ATP5A1</i> | 1,827 |
| Agrin | <i>AGRN</i> | 1,821 |
| Voltage-dependent anion-selective channel protein 2 | <i>VDAC2</i> | 1,821 |
| Hsc70-interacting protein | <i>ST13</i> | 1,816 |
| F-actin-capping protein subunit beta | <i>CAPZB</i> | 1,810 |
| POTE ankyrin domain family member E / F | <i>POTEE;POTEF</i> | 1,798 |
| Gamma-aminobutyric acid receptor-associated protein-like 2 | <i>GABARAPL2</i> | 1,775 |
| Teneurin-3 | <i>TENM3</i> | 1,767 |
| Histone H1.0 | <i>H1F0</i> | 1,727 |
| Ubiquitin-like modifier-activating enzyme 1 | <i>UBA1</i> | 1,726 |
| Eukaryotic translation initiation factor 2 subunit 1 | <i>EIF2S1</i> | 1,722 |
| Desmoglein-2 | <i>DSG2</i> | 1,721 |
| Elongation factor 2 | <i>EEF2</i> | 1,717 |
| GTPase NRas | <i>NRAS</i> | 1,710 |
| ATP synthase subunit beta, mitochondrial | <i>ATP5B</i> | 1,708 |
| Aspartate-tRNA ligase, cytoplasmic | <i>DARS</i> | 1,700 |
| E3 ubiquitin-protein ligase CHIP | <i>STUB1</i> | 1,697 |
| Developmentally-regulated GTP-binding protein 1 | <i>DRG1</i> | 1,697 |
| Protein-glutamine gamma-glutamyltransferase E | <i>TGM3</i> | 1,692 |
| Tyrosine-protein kinase Lyn | <i>LYN</i> | 1,668 |
| Clathrin heavy chain 1 | <i>CLTC</i> | 1,666 |
| Epidermal growth factor receptor | <i>EGFR</i> | 1,664 |
| Serine/threonine-protein phosphatase PP1-alpha catalytic subunit | <i>PPP1CA</i> | 1,663 |
| Thioredoxin-dependent peroxide reductase, mitochondrial | <i>PRDX3</i> | 1,658 |
| Malate dehydrogenase, cytoplasmic | <i>MDH1</i> | 1,655 |
| Syntaxin-7 | <i>STX7</i> | 1,638 |
| Inosine-5-monophosphate dehydrogenase 2 | <i>IMPDH2</i> | 1,635 |
| Ran-specific GTPase-activating protein | <i>RANBP1</i> | 1,630 |
| 78 kDa glucose-regulated protein | <i>HSPA5</i> | 1,628 |
| Cell division control protein 42 homolog | <i>CDC42</i> | 1,607 |
| DnaJ homolog subfamily A member 2 | <i>DNAJA2</i> | 1,605 |
| L-lactate dehydrogenase B chain | <i>LDHB</i> | 1,599 |
| ADP/ATP translocase 2 | <i>SLC25A5</i> | 1,585 |
| Profilin-2 | <i>PFN2</i> | 1,580 |
| Phosphatidylinositol 5-phosphate 4-kinase type-2 alpha | <i>PIP4K2A</i> | 1,580 |
| Alanine-tRNA ligase, cytoplasmic | <i>AARS</i> | 1,560 |
| D-dopachrome decarboxylase;D-dopachrome decarboxylase-like protein | <i>DDT;DDTL</i> | 1,555 |
| Protein 4.1 | <i>EPB41</i> | 1,553 |
| Histone H2B type 1-C/E/F/G/I | <i>HIST1H2BC</i> | 1,537 |
| Long-chain-fatty-acid-CoA ligase 4 | <i>ACSL4</i> | 1,535 |
| Rab GDP dissociation inhibitor beta | <i>GDI2</i> | 1,524 |

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|--|-------------------------------------|-------|
| Phosphoribosyl pyrophosphate synthase-associated protein 2 | <i>PRPSAP2</i> | 1,523 |
| Ras-related protein Rap-2b | <i>RAP2B</i> | 1,517 |
| Choline transporter-like protein 1 | <i>SLC44A1</i> | 1,516 |
| NudC domain-containing protein 2 | <i>NUDCD2</i> | 1,513 |
| Plasma membrane calcium-transporting ATPase 4 | <i>ATP2B4</i> | 1,504 |
| Ras-related protein Rab-8A | <i>RAB8A</i> | 1,503 |
| Axin interactor, dorsalization-associated protein | <i>AIDA</i> | 1,492 |
| High affinity cationic amino acid transporter 1 | <i>SLC7A1</i> | 1,492 |
| N-alpha-acetyltransferase 15, NatA auxiliary subunit | <i>NAA15</i> | 1,488 |
| Histone H1.4 | <i>HIST1H1E</i> | 1,469 |
| Translational activator GCN1 | <i>GCN1L1</i> | 1,462 |
| Caspase-3;Caspase-3 subunit p17;Caspase-3 subunit p12 | <i>CASP3</i> | 1,458 |
| Proliferation-associated protein 2G4 | <i>PA2G4</i> | 1,458 |
| Histone H2A type 1C;Histone H2A type 3;Histone H2A type 1-B/E | <i>HIST1H2AC;HIST3H2A;HIST1H2AB</i> | 1,454 |
| Eukaryotic peptide chain release factor subunit 1 | <i>ETF1</i> | 1,436 |
| Ephrin type-A receptor 7 | <i>EPHA7</i> | 1,434 |
| AP-2 complex subunit mu | <i>AP2M1</i> | 1,407 |
| Raftlin | <i>RFTN1</i> | 1,400 |
| ADP-ribosylation factor 6 | <i>ARF6</i> | 1,400 |
| Macrophage migration inhibitory factor | <i>MIF</i> | 1,392 |
| Na(+)/H(+) exchange regulatory cofactor NHE-RF2 | <i>SLC9A3R2</i> | 1,391 |
| Unconventional myosin-X | <i>MYO10</i> | 1,386 |
| Aldose reductase | <i>AKR1B1</i> | 1,384 |
| Ubiquitin-conjugating enzyme E2 L3 | <i>UBE2L3</i> | 1,381 |
| Synaptobrevin homolog YKT6 | <i>YKT6</i> | 1,379 |
| Transaldolase | <i>TALDO1</i> | 1,377 |
| Ras-related protein Ral-B | <i>RALB</i> | 1,377 |
| Barrier-to-autointegration factor | <i>BANF1</i> | 1,373 |
| Nidogen-1 | <i>NID1</i> | 1,361 |
| Protein kinase C and casein kinase substrate in neurons protein 3 | <i>PACSIN3</i> | 1,360 |
| V-type proton ATPase 116 kDa subunit a isoform 1 | <i>ATP6V0A1</i> | 1,345 |
| Tubulin beta chain | <i>TUBB</i> | 1,343 |
| Protein S100-A10 | <i>S100A10</i> | 1,340 |
| Ribose-phosphate pyrophosphokinase 1 | <i>PRPS1</i> | 1,337 |
| Adenine phosphoribosyltransferase | <i>APRT</i> | 1,333 |
| Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-10 | <i>GNG10</i> | 1,333 |
| von Willebrand factor A domain-containing protein 1 | <i>VWA1</i> | 1,328 |
| Arginine--tRNA ligase, cytoplasmic | <i>RARS</i> | 1,308 |
| Pre-mRNA-processing-splicing factor 8 | <i>PRPF8</i> | 1,298 |
| Polyadenylate-binding protein 1;Polyadenylate-binding protein 3 | <i>PABPC1;PABPC3</i> | 1,286 |
| Prefoldin subunit 2 | <i>PFDN2</i> | 1,286 |
| Syntaxin-3 | <i>STX3</i> | 1,282 |
| Vesicle-associated membrane protein 3 | <i>VAMP3</i> | 1,276 |
| Astrocytic phosphoprotein PEA-15 | <i>PEA15</i> | 1,276 |
| Cysteine and histidine-rich domain-containing protein 1 | <i>CHORDC1</i> | 1,275 |
| Histone H2A type 2-C;Histone H2A type 2-A | <i>HIST2H2AC;HIST2H2AA3</i> | 1,251 |

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|--|---------------|-------|
| Vimentin | <i>VIM</i> | 1,249 |
| ATP-binding cassette sub-family E member 1 | <i>ABCE1</i> | 1,243 |
| Filamin-C | <i>FLNC</i> | 1,234 |
| Syndecan-2 | <i>SDC2</i> | 1,224 |
| Disco-interacting protein 2 homolog B | <i>DIP2B</i> | 1,211 |
| Calnexin | <i>CANX</i> | 1,201 |
| Heterogeneous nuclear ribonucleoprotein U | <i>HNRNPU</i> | 1,192 |
| Probable ATP-dependent RNA helicase DDX5 | <i>DDX5</i> | 1,176 |
| DNA damage-binding protein 1 | <i>DDB1</i> | 1,170 |
| 40S ribosomal protein S23 | <i>RPS23</i> | 1,166 |
| Protein disulfide-isomerase A4 | <i>PDIA4</i> | 1,165 |
| Poly [ADP-ribose] polymerase 1 | <i>PARP1</i> | 1,114 |

Supplementary Table 3. Table of the Top 100 proteins often identified in EVs (source: vesiclepedia, http://microvesicles.org/extracellular_vesicle_markers).

| GENE | NUMBER OF TIMES IDENTIFIED |
|-----------------|----------------------------|
| <i>PDCD6IP</i> | 399 |
| <i>GAPDH</i> | 377 |
| <i>HSPA8</i> | 363 |
| <i>ACTB</i> | 350 |
| <i>ANXA2</i> | 337 |
| <i>CD9</i> | 328 |
| <i>PKM</i> | 327 |
| <i>HSP90AA1</i> | 327 |
| <i>ENO1</i> | 327 |
| <i>ANXA5</i> | 313 |
| <i>HSP90AB1</i> | 306 |
| <i>CD63</i> | 306 |
| <i>YWHAZ</i> | 301 |
| <i>YWHAE</i> | 300 |
| <i>EEF1A1</i> | 295 |
| <i>PGK1</i> | 291 |
| <i>CLTC</i> | 283 |
| <i>PPIA</i> | 278 |
| <i>SDCBP</i> | 277 |
| <i>ALDOA</i> | 275 |
| <i>EEF2</i> | 274 |
| <i>ALB</i> | 274 |
| <i>TPI1</i> | 270 |
| <i>VCP</i> | 269 |
| <i>CFL1</i> | 268 |
| <i>MSN</i> | 266 |
| <i>ATP1A1</i> | 266 |
| <i>PRDX1</i> | 263 |
| <i>MYH9</i> | 262 |
| <i>EZR</i> | 262 |
| <i>CD81</i> | 262 |
| <i>ANXA6</i> | 260 |
| <i>FLOT1</i> | 259 |

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|-----------------|-----|
| <i>YWHAB</i> | 258 |
| <i>LDHB</i> | 258 |
| <i>SLC3A2</i> | 257 |
| <i>GNB1</i> | 257 |
| <i>PFN1</i> | 256 |
| <i>TSG101</i> | 255 |
| <i>YWHAQ</i> | 254 |
| <i>GNAI2</i> | 252 |
| <i>CLIC1</i> | 251 |
| <i>ANXA1</i> | 251 |
| <i>ITGB1</i> | 250 |
| <i>LDHA</i> | 249 |
| <i>FASN</i> | 248 |
| <i>CDC42</i> | 248 |
| <i>RAP1B</i> | 242 |
| <i>CCT2</i> | 242 |
| <i>YWHAG</i> | 240 |
| <i>GNB2</i> | 240 |
| <i>ACTN4</i> | 240 |
| <i>RAB5C</i> | 239 |
| <i>C3</i> | 239 |
| <i>RAB10</i> | 236 |
| <i>HIST1H4A</i> | 234 |
| <i>KRT1</i> | 233 |
| <i>FN1</i> | 233 |
| <i>AHCY</i> | 233 |
| <i>A2M</i> | 232 |
| <i>BSG</i> | 230 |
| <i>ACTN1</i> | 229 |
| <i>ANXA7</i> | 228 |
| <i>ACLY</i> | 228 |
| <i>HIST1H4B</i> | 227 |
| <i>GDI2</i> | 227 |
| <i>FLNA</i> | 227 |
| <i>UBA1</i> | 226 |
| <i>GNAS</i> | 226 |
| <i>GSN</i> | 225 |
| <i>CCT4</i> | 225 |
| <i>RAN</i> | 222 |
| <i>PRDX2</i> | 222 |
| <i>RHOA</i> | 220 |
| <i>CCT3</i> | 220 |
| <i>RAC1</i> | 219 |
| <i>LGALS3BP</i> | 219 |
| <i>TCP1</i> | 218 |
| <i>KRT10</i> | 218 |
| <i>CAP1</i> | 218 |
| <i>RAB7A</i> | 217 |
| <i>TUBB4B</i> | 216 |
| <i>HSPA5</i> | 215 |
| <i>IQGAP1</i> | 214 |

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|-----------------|-----|
| <i>GPI</i> | 214 |
| <i>RALA</i> | 213 |
| <i>KPNB1</i> | 212 |
| <i>HIST1H4I</i> | 212 |
| <i>TFRC</i> | 211 |
| <i>EIF4A1</i> | 211 |
| <i>HIST4H4</i> | 210 |
| <i>CCT8</i> | 210 |
| <i>TLN1</i> | 209 |
| <i>HIST1H4K</i> | 209 |
| <i>HIST1H4H</i> | 209 |
| <i>CCT6A</i> | 209 |
| <i>ANXA11</i> | 209 |
| <i>HIST1H4J</i> | 208 |
| <i>HIST1H4F</i> | 208 |
| <i>HIST1H4D</i> | 208 |