

Abbreviation	Protein Name	Cellular Component													Biological Process						35 nm n=9	70 nm n=9	measurement		
		Extracellular exosome	Plasma membrane	Cell surface	Bounding membrane of organelle	Cytoplasmic vesicle membrane	COPII-coated ER to Golgi transport vesicle	Endoplasmic reticulum	Endosome	Lysosome	Cytoskeleton	Proteasome complex	Regulation of immune system process	Regulation of cell death	Regulation of cell migration	Regulation of cell-cell adhesion	Regulation of vesicle-mediated transport	Regulation of cell morphogenesis	(A) + (B) %	(A) %			(B) %		
		GO: 0070062	GO: 0009986	GO: 0009986	GO: 0009988	GO: 0009989	GO: 0009989	GO: 0009989	GO: 0009989	GO: 0009989	GO: 0009989	GO: 0009989	GO: 0009989	GO: 0009989	GO: 0009989	GO: 0009989	GO: 0009989	GO: 0009989	GO: 0009989	data point (A) / data point (B)	data point (A) / data point (B)	35 nm = 70 nm	35 nm < 70 nm	35 nm > 70 nm	
DRB	HLA class II histocompatibility antigen, DRB1 beta chain	X	X	X	X	X	X	X	X	X	X		X			X			0/2	0/3					
DRA	HLA class II histocompatibility antigen, DR alpha chain	X	X	X	X	X	X	X	X	X			X			X			0/2	0/3					
HLAA	HLA class I histocompatibility antigen, A alpha chain	X	X	X	X	X	X	X	X				X			X			0/4	0/4					
HLAB	HLA class I histocompatibility antigen, B alpha chain	X	X	X	X	X	X	X	X				X						0/4	0/4					
HLAC	HLA class I histocompatibility antigen, C alpha chain	X	X	X	X	X	X	X	X										0/2	0/2					
B2MG	Beta-2-microglobulin	X	X	X	X	X	X	X	X				X			X	X		0/1	2/3					
STX4	Syntaxin-4	X	X	X	X	X			X				X	X	X		X		0/1	0/2					
ITB3	Integrin beta-3	X	X	X	X	X							X	X	X		X	X	3/3	4/4					
PTPRJ	Receptor-type tyrosine-protein phosphatase eta	X	X	X	X	X							X		X		X		0/2	0/3					
ITAM	Integrin alpha-M	X	X	X	X	X							X	X			X		0/2	0/1					
ITB2	Integrin beta-2	X	X	X	X	X							X	X		X	X	X	0/3	0/3					
LEG3	Galectin-3	X	X	X	X	X							X	X	X	X	X		1/1	2/1					
PTPRC	Receptor-type tyrosine-protein phosphatase C	X	X	X	X	X							X	X	X	X	X		0/3	0/3					
4F2	4F2 cell-surface antigen heavy chain	X	X	X	X					X									0/3	0/3					
BIP	Endoplasmic reticulum chaperone BIP	X	X	X				X						X	X				0/3	0/4					
CATB	Cathepsin B	X	X	X					X	X				X					1/2	0/3					
HRG	Histidine-rich glycoprotein	X	X	X					X	X			X	X	X				3/4	2/4					
TRFL	Lactotransferrin	X	X	X					X				X	X					4/3	5/3					
TLN1	Talin-1	X	X	X							X								0/3	0/4					
EPCR	Endothelial protein C receptor	X	X	X							X								3/0	3/0					
ATPB	ATP synthase subunit beta, mitochondrial	X	X	X											X				0/3	0/3					
ICAM1	Intercellular adhesion molecule 1	X	X	X									X	X	X				0/1	0/3					
IDE	Insulin-degrading enzyme	X	X	X															0/4	0/4					
ITA4	Integrin alpha-4	X	X	X									X	X	X	X			0/2	0/2					
LEUK	Leukosialin	X	X	X									X			X			3/4	5/4					
MASP2	Mannan-binding lectin serine protease 2	X	X	X									X				X		2/2	5/3					
ZA2G	Zinc-alpha-2-glycoprotein	X	X	X															5/4	5/4					
PACN2	Protein kinase C and casein kinase substrate in neurons protein 2	X	X		X	X			X		X						X		2/0	0/0					
COR1A	Coronin-1A	X	X		X	X			X		X		X	X	X	X	X	X	0/1	0/4					
FABP5	Fatty acid-binding protein 5	X	X		X	X				X									5/4	5/4					
LYN	Tyrosine-protein kinase Lyn	X	X		X	X				X			X	X	X	X	X		0/1	0/2					
DESP	Desmoplakin	X	X		X	X					X								5/4	5/4					
GTR3	Solute carrier family 2, facilitated glucose transporter member 3	X	X		X	X													0/2	0/2					
PECA1	Platelet endothelial cell adhesion molecule	X	X		X	X									X				0/3	2/3					
CATA	Catalase	X	X		X			X		X				X					5/4	5/4					
SYNE2	Nesprin-2	X	X		X			X			X				X				2/0	2/0					
PROS	Vitamin K-dependent protein 5	X	X		X			X											4/4	5/4					
GBB2	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-2	X	X		X				X										0/0	0/4					
GTR1	Solute carrier family 2, facilitated glucose transporter member 1	X	X		X						X								0/4	0/4					
PLEC	Plectin	X	X		X						X								0/4	0/4					
CTL1	Choline transporter-like protein 1	X	X		X														0/2	0/1					
CIB1	Calcium and integrin-binding protein 1	X	X					X		X			X	X	X		X		0/1	0/3					
RHOC	Rho-related GTP-binding protein RhoC	X	X					X			X				X				0/1	0/2					
CO6A2	Collagen alpha-2(VI) chain	X	X					X									X		5/4	5/4					
CO6A3	Collagen alpha-3(VI) chain	X	X					X											5/4	5/4					
VTNC	Vitronectin	X	X					X							X		X		4/4	5/4					
CAP1	Adenylyl cyclase-associated protein 1	X	X							X	X								0/1	0/2					
CAN1	Calpain-1 catalytic subunit	X	X								X								0/4	0/4					
PCYOX	Prenylcysteine oxidase 1	X	X							X									0/2	0/2					
COF1	Cofilin-1	X	X								X			X			X		2/2	3/4					
PLSL	Plastin-2	X	X								X								0/3	0/3					
PLAK	Junction plakoglobin	X	X								X				X				5/4	5/4					
PEPL	Periplakin	X	X								X								0/0	0/3					
FSCN1	Fascin	X	X							X									0/2	0/1					
TITIN	Titin	X	X								X								5/0	5/0					
WDR1	WD repeat-containing protein 1	X	X								X						X		0/1	0/3					
B3AT	Band 3 anion transport protein	X	X								X								4/4	3/4					
PODXL	Podocalyxin	X	X								X				X	X			3/3	5/4					
S10A8	Protein S100-A8	X	X								X			X					5/4	5/4					
S10A9	Protein S100-A9	X	X								X			X					5/4	5/4					
CYTM	Cystatin-M	X	X																0/2	0/3					
TGM1	Protein-glutamine gamma-glutamyltransferase K	X	X																5/4	5/4					
AQP1	Aquaporin-1	X	X										X	X					0/2	0/2					
AT1B3	Sodium/potassium-transporting ATPase subunit beta-3	X	X																0/2	0/4					
GGT1	Glutathione hydrolase 1 proenzyme	X	X										X						2/0	3/0					
GNA13	Guanine nucleotide-binding protein subunit alpha-13	X	X												X		X		0/1	0/3					
IL1RA	Interleukin-1 receptor antagonist protein	X	X													X			0/2	0/0					
ITIH4	Inter-alpha-trypsin inhibitor heavy chain H4	X	X																2/3	3/4					
JAM1	Junctional adhesion molecule A	X	X													X	X		0/2	0/3					
MUC5B	Mucin-5B	X	X																0/2	0/2					
S100P	Protein S100-P	X	X																0/2	0/2					
A2AP	Alpha-2-antiplasmin	X		X												X			0/2	0/0					
TERA	Transitional endoplasmic reticulum ATPase	X						X		X		X		X					0/2	0/2					
PPGB	Lysosomal protective protein	X						X		X									0/3	0/2					
FETUA	Alpha-2-HS-glycoprotein	X						X									X		0/1	0/3					
HEP2	Heparin cofactor 2	X						X											0/2	0/1					
ITIH2	Inter-alpha-trypsin inhibitor heavy chain H2	X						X											3/4	5/4					
KPYM	Pyruvate kinase PKM	X						X											4/4	4/4					
NUCB1	Nucleobindin-1	X						X											0/2	0/1					
TKT	Transketolase	X						X											0/2	0/4					

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		Extracellular exosome	Plasma membrane	Cell surface	Bounding membrane of organelle	Cytoplasmic vesicle membrane	COPII-coated ER to Golgi transport vesicle	Endoplasmic reticulum	Endosome	Lysosome	Cytoskeleton	Proteasome complex	Regulation of immune system process	Regulation of cell death	Regulation of cell migration	Regulation of cell-cell adhesion	Regulation of vesicle-mediated transport	Regulation of cell morphogenesis	(A) + (B) %	(A) %	(B) %					
TPP1	Tripeptidyl-peptidase 1	X							X	X									0/2	0/1						
ILEU	Leukocyte elastase inhibitor	X							X	X									0/2	0/2						
A1AG2	Alpha-1-acid glycoprotein 2	X								X		X							4/4	3/4						
BGLR	Beta-glucuronidase	X								X									4/0	5/0						
DEF3	Neutrophil defensin 3	X								X									3/3	4/4						
GGH	Gamma-glutamyl hydrolase	X								X									0/4	0/4						
RETN	Resistin	X								X									0/2	0/3						
TOLIP	Toll-interacting protein	X								X									0/4	0/2						
PSA1	Proteasome subunit alpha type-1	X									X	X	X						0/3	0/4						
ARPC4	Actin-related protein 2/3 complex subunit 4	X									X								0/2	0/3						
MYL6	Myosin light polypeptide 6	X									X								0/0	0/2						
CAN7	Calpain-7	X									X				X				0/0	4/0						
GDIR2	Rho GDP-dissociation inhibitor 2	X									X				X				0/1	0/3						
IF6	Eukaryotic translation initiation factor 6	X									X		X						1/3	1/3						
K2C6B	Keratin, type II cytoskeletal 6B	X									X								0/4	0/4						
PROF1	Profilin-1	X									X				X				0/3	0/4						
PSA2	Proteasome subunit alpha type-2	X										X							0/4	0/3						
PSA3	Proteasome subunit alpha type-3	X											X						0/4	0/3						
PSA4	Proteasome subunit alpha type-4	X										X							0/1	0/3						
PSA6	Proteasome subunit alpha type-6	X										X							0/2	0/3						
PSA7	Proteasome subunit alpha type-7	X										X							0/3	0/3						
PSB1	Proteasome subunit beta type-1	X										X							0/2	0/3						
PSB2	Proteasome subunit beta type-2	X										X							0/2	0/0						
PSB3	Proteasome subunit beta type-3	X										X							0/2	0/1						
S10AE	Protein S100-A14	X											X		X				4/4	3/3						
LEG7	Galectin-7	X											X			X			3/4	4/4						
PNPH	Purine nucleoside phosphorylase	X											X			X			0/3	0/2						
BPIB1	BPI fold-containing family B member 1	X											X						0/1	0/2						
H4	Histone H4	X											X						5/4	5/4						
1433Z	14-3-3 protein zeta/delta	X												X					5/4	4/4						
NDKB	Nucleoside diphosphate kinase B	X												X					0/1	0/2						
THIO	Thioredoxin	X												X					5/4	5/4						
S10AB	Protein S100-A11	X													X				0/1	0/4						
A1BG	Alpha-1B-glycoprotein	X																	0/2	0/4						
AL9A1	4-trimethylaminobutyraldehyde dehydrogenase	X																	0/1	0/2						
BLMH	Bleomycin hydrolase	X																	3/4	2/4						
CALL3	Calmodulin-like protein 3	X																	0/0	0/2						
CAMP	Cathelicidin antimicrobial peptide	X																	5/0	1/0						
CYTB	Cystatin-B	X																	0/4	0/4						
DCD	Dermcidin	X																	5/4	5/4						
FBX50	F-box only protein 50	X																	4/4	4/4						
GSHB	Glutathione synthetase	X																	0/2	0/3						
H33	Histone H3.3	X																	3/3	2/3						
IDHC	Isocitrate dehydrogenase [NADP] cytoplasmic	X																	0/3	0/4						
ITIH1	Inter-alpha-trypsin inhibitor heavy chain H1	X																	3/1	5/3						
KPRP	Keratinocyte proline-rich protein	X																	5/4	5/4						
MDHM	Malate dehydrogenase, mitochondrial	X																	0/0	0/4						
SMR3B	Submaxillary gland androgen-regulated protein 3B	X																	3/0	5/0						
TPIS	Triosephosphate isomerase	X																	0/4	0/4						
ZG16B	Zymogen granule protein 16 homolog B	X																	1/0	2/0						