

Table 6: Identified proteins in exosomes from activated VSMCs

Paragon Score	%Cov(95)	Accession	Entry Name	Name	Peptides(95%)	Biological Processes	Cellular localizatio	SecretomeP	Exocarta
1,48	6,627	P10668	COF1_PIG	Cofilin-1	2	CA	Cyt/Nucleus/Membr	Sec nc	
1,48	6,627	Q5G6V9	COF2_PIG	Cofilin-2	1	CA	Cyt/Nucleus	Sec nc	Exo
2	2,256	Q9GLP0	ITB1_PIG	Integrin beta-1	1	CA	Membr	NP	Exo
4,01	3,743	A5A8V7	HS71L_PIG	Heat shock 70 kDa protein 1-like	1	CH	Cyt	NP	Exo
4,03	3,683	O02705	HS90A_PIG	Heat shock protein HSP 90-alpha	5	CH	Cyt	NP	Exo
2,04	5,928	P34930	HS71A_PIG	Heat shock 70 kDa protein 1A	1	CH	Cyt	NP	Exo
8	43,9	P62936	PPIA_PIG	Peptidyl-prolyl cis-trans isomerase A	5	CH	Sec	NP	Exo
2	8,212	Q5S1U1	HSPB1_PIG	Heat shock protein beta-1	1	CH	Cyt/Nucleus	Sec nc	Exo
4,06	7,955	Q6S4N2	HS71B_PIG	Heat shock 70 kDa protein 1B	6	CH	Cyt	NP	Exo
2	1,039	Q19S50	STAT3_PIG	Signal transducer and activator of transcription 3	1	CS	Cyt/Nucleus	Sec nc	
2,29	6,222	P02543	VIME_PIG	Vimentin	1	Cyt Org	Cyt	Sec nc	Exo
4,21	7,981	P02550	TBA1A_PIG	Tubulin alpha-1A chain	8	Cyt Org	Cyt	NP	Exo
6,14	22,02	P02554	TBB_PIG	Tubulin beta chain	1	Cyt Org	Cyt	Sec nc	Exo
2	3,497	Q29221	CAZA2_PIG	F-actin-capping protein subunit alpha-2	1	Cyt Org	Cyt	Sec nc	
6,26	10,85	Q2XVP4	TBA1B_PIG	Tubulin alpha-1B chain	9	Cyt Org	Cyt	NP	Exo
16,06	23,99	Q6QAQ1	ACTB_PIG	Actin, cytoplasmic 1	19	Cyt Org	Cyt	NP	Exo
7,01	18,69	Q767L7	TBB5_PIG	Tubulin beta chain	11	Cyt Org	Cyt	Sec nc	Exo
4,17	1,283	O02668	ITIH2_PIG	Inter-alpha-trypsin inhibitor heavy chain H2	3	ECM&rel	Sec/ECM aff	Sec c	
1,39	3,106	P10859	HPLN1_PIG	Hyaluronan and proteoglycan link protein 1	1	ECM&rel	ECM	Sec c	Exo
2,01	0,572	Q29116	TENA_PIG	Tenascin	1	ECM&rel	ECM	Sec c	Exo
2	5,882	Q711S8	SPP24_PIG	Secreted phosphoprotein 24	1	ECM&rel	Sec	Sec c	
2	11,64	P62802	H4_PIG	Histone H4	1	HK	Nucleus	NP	Exo
2	5,593	Q6SA96	RS23_PIG	40S ribosomal protein S23	1	HK	Cyt	Sec c	
6,09	12,9	P00355	G3P_PIG	Glyceraldehyde-3-phosphate dehydrogenase	5	HK/MP	Cyt/Nucleus	Sec nc	
4	4,878	A5GFY8	SERA_PIG	D-3-phosphoglycerate dehydrogenase	2	MP	Cyt	NP	Exo
2	3,384	P50578	AK1A1_PIG	Alcohol dehydrogenase [NADP(+)]	1	MP	Cyt	Sec nc	
2	1,834	P79402	CP242_PIG	Cytochrome P450 2C42 (Fragment)	1	MP	RE	Sec nc	Exo
2,29	5,556	Q710C4	SAHH_PIG	Adenosylhomocysteinase	3	MP	Cyt	NP	Exo
7,93	39,71	P01965	HBA_PIG	Hemoglobin subunit alpha	7		Plasma	NP	
5,45	24,49	P02067	HBB_PIG	Hemoglobin subunit beta	3		Plasma	NP	
12,37	17,29	P08835	ALBU_PIG	Serum albumin	14		Plasma	Sec c	

7,78	7,902	P09571	TRFE_PIG	Serotransferrin	9		Sec/Plasma	Sec nc	
6,08	9,81	P18648	APOA1_PIG	Apolipoprotein A-I	5		Plasma	Sec c	
2,15	2,838	P18650	APOE_PIG	Apolipoprotein E	2		Sec/Plasma	Sec c	Exo
4,68	8,076	P50447	A1AT_PIG	Alpha-1-antitrypsin	2		Sec/Plasma	Sec c	
27	20,18	Q29549	CLUS_PIG	Clusterin	19		Plasma	Sec c	Exo
2,04	3,722	Q2LE37	APOM_PIG	Apolipoprotein M	1		Sec/Plasma	Sec c	Exo
4,54	6,392	Q8MJ76	FETA_PIG	Alpha-fetoprotein	5		Plasma	Sec c	