

Table 2: Identified proteins in apoptotic bodies from activated VSMCs

Paragon Score	%Cov(95)	Accession	Entry Name	Name	Peptides(95%)
119,42	79,4	P02543	VIME_PIG	Vimentin	114
57,31	71,88	P68137	ACTS_PIG	Actin, alpha skeletal muscle	60
62,07	57,539	P02540	DESM_PIG	Desmin	43
35,2	56,529	Q767L7	TBB5_PIG	Tubulin beta chain	29
27,66	42,609	P42639	TPM1_PIG	Tropomyosin alpha-1 chain	17
27,39	46,309	P19620	ANXA2_PIG	Annexin A2	16
24,31	46,34	Q2XVP4	TBA1B_PIG	Tubulin alpha-1B chain	23
23,56	14,049	Q29092	ENPL_PIG	Endoplasmin	12
20,74	17,62	Q3ZD69	LMNA_PIG	Prelamin-A/C	10
51,22	68,8	Q6QAQ1	ACTB_PIG	Actin, cytoplasmic 1	51
18,02	13,41	Q9GLP0	ITB1_PIG	Integrin beta-1	10
17,77	12,359	P08835	ALBU_PIG	Serum albumin	20
17,53	71,009	Q5S1U1	HSPB1_PIG	Heat shock protein beta-1	10
16,67	21,24	P20305	GELS_PIG	Gelsolin (Fragment)	13
16,27	11,069	P05024	AT1A1_PIG	Sodium/potassium-transporting ATPase subunit alpha-1	9
16	58,279	P60662	MYL6_PIG	Myosin light polypeptide 6	17
16	62,209	P29269	MYL9_PIG	Myosin regulatory light polypeptide 9	12
14,79	37,889	P28491	CALR_PIG	Calreticulin	11
13,02	9,1629	P26234	VINC_PIG	Vinculin	8
12,16	26,919	P00346	MDHM_PIG	Malate dehydrogenase, mitochondrial	6
19,84	43,149	P67937	TPM4_PIG	Tropomyosin alpha-4 chain	12
10,01	8,369	P79403	GANAB_PIG	Neutral alpha-glucosidase AB	5
9,28	18,87	P18648	APOA1_PIG	Apolipoprotein A-I	6
9,01	16,47	P19619	ANXA1_PIG	Annexin A1	5
8,68	3,0999	Q9GLP1	FA5_PIG	Coagulation factor V	6
8,12	6,322	P09571	TRFE_PIG	Serotransferrin	4
10,1	6,885	Q8MJ76	FETA_PIG	Alpha-fetoprotein	7
8,12	30,289	Q7M2W6	CRYAB_PIG	Alpha-crystallin B chain	5
8	24,49	P02067	HBB_PIG	Hemoglobin subunit beta	6
8	15,6	P01965	HBA_PIG	Hemoglobin subunit alpha	4
7,89	8,5799	A5A8V7	HS71L_PIG	Heat shock 70 kDa protein 1-like	7
7,6	20,219	P83686	NB5R3_PIG	NADH-cytochrome b5 reductase 3 (Fragment)	4
7,55	17,35	Q9MZ15	VDAC2_PIG	Voltage-dependent anion-selective channel protein 2	5
7,24	12,909	P00355	G3P_PIG	Glyceraldehyde-3-phosphate dehydrogenase	4
6,61	16,84	Q08092	CNN1_PIG	Calponin-1	4
6,16	23,78	P62936	PPIA_PIG	Peptidyl-prolyl cis-trans isomerase A	3
33,41	53,03	P02554	TBB_PIG	Tubulin beta chain	28
6,07	19,47	P34935	GRP78_PIG	78 kDa glucose-regulated protein (Fragment)	3
6	26,669	Q49I35	LEG1_PIG	Galectin-1	3
5,57	17,98	Q6RVA9	CAV1_PIG	Caveolin-1	3
5,45	29,129	P62802	H4_PIG	Histone H4	3
5,2	11,41	Q6QRN9	ADT3_PIG	ADP/ATP translocase 3	3
4,79	3,5289	O02668	ITIH2_PIG	Inter-alpha-trypsin inhibitor heavy chain H2	3
4,74	23,489	P10668	COF1_PIG	Cofilin-1	3
4,52	26,15	P81271	MYH11_PIG	Myosin-11 (Fragments)	2
4,34	3,8419	P15145	AMPN_PIG	Aminopeptidase N	3

22,78	42,35	P02550	TBA1A_PIG	Tubulin alpha-1A chain	22
4,02	3,293	P26042	MOES_PIG	Moesin	2
4,02	5,868	P79385	MFGM_PIG	Lactadherin	2
4,01	8,127	Q9MZ16	VDAC1_PIG	Voltage-dependent anion-selective channel protein 1	2
4	3,2889	Q9GMB0	RPN1_PIG	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1	3
4	6,897	P08132	ANXA4_PIG	Annexin A4	2
4	26,96	Q29315	RLA2_PIG	60S acidic ribosomal protein P2	2
3,55	4,5559	Q29381	OST48_PIG	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit	2
3,4	4,9329	Q29549	CLUS_PIG	Clusterin	2
2,94	16,889	Q29596	ATPA2_PIG	ATP synthase subunit alpha liver isoform, mitochondrial (Fragment)	2
2,24	2,8389	P18650	APOE_PIG	Apolipoprotein E	1
2,12	2,6049	Q95266	KCC2D_PIG	Calcium/calmodulin-dependent protein kinase type II subunit delta	1
11,21	17,61	A1XQV4	TPM3_PIG	Tropomyosin alpha-3 chain	7
2,08	25	P46405	RS12_PIG	40S ribosomal protein S12	2
2,06	3,077	Q9N0F1	ODO2_PIG	Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial	1
2,05	5,851	Q56P28	PRAF3_PIG	PRA1 family protein 3	1
2,04	1,393	P23220	AT2B1_PIG	Plasma membrane calcium-transporting ATPase 1	1
2,02	4,706	Q6UQA8	ETFB_PIG	Electron transfer flavoprotein subunit beta	1
2,02	12,38	P82460	THIO_PIG	Thioredoxin	1
2,01	1,9649	P09623	DLDH_PIG	Dihydrolipoyl dehydrogenase, mitochondrial	1
2,01	4,1469	Q1KYT0	ENOB_PIG	Beta-enolase	1
2,01	3,7999	P33198	IDHP_PIG	Isocitrate dehydrogenase [NADP], mitochondrial (Fragment)	1
2,01	3,088	P50447	A1AT_PIG	Alpha-1-antitrypsin	1
2,01	4,1239	Q95250	PGRC1_PIG	Membrane-associated progesterone receptor component 1	1
2,01	12,5	P63053	RL40_PIG	Ubiquitin-60S ribosomal protein L40	1
2,01	21,009	P0CG68	UBC_PIG	Polyubiquitin-C	1
2	1,193	Q2VJ60	RN19A_PIG	E3 ubiquitin-protein ligase RNF19A	1
2	2,991	B6CVD7	ERO1A_PIG	ER 1-like protein alpha	1
2	4,407	Q4GWZ2	RSSA_PIG	40S ribosomal protein SA	1
2	7,9599	Q06AU7	RAB1B_PIG	Ras-related protein Rab-1B	1
2	7,805	Q52NJ2	RAB1A_PIG	Ras-related protein Rab-1A	1
2	12,96	Q29307	ATIF1_PIG	ATPase inhibitor, mitochondrial	1
2	2,8039	Q29195	RL10_PIG	60S ribosomal protein L10	1
2	5,7429	Q08094	CNN2_PIG	Calponin-2 (Fragment)	1
2	1,813	P56432	JUN_PIG	Transcription factor AP-1	1
2	5,35	Q0Z8U2	RS3_PIG	40S ribosomal protein S3	1
2	1,94	P00889	CISY_PIG	Citrate synthase, mitochondrial	1
2	6,5119	Q52NJ6	RAB14_PIG	Ras-related protein Rab-14	1
2	16,899	Q9MYT8	ATP5I_PIG	ATP synthase subunit e, mitochondrial	1
2	4,044	Q9GKQ6	PGS1_PIG	Biglycan (Fragments)	1
2	4,6199	Q9GKE8	CD47_PIG	Leukocyte surface antigen CD47	1
2	2,3739	P04366	AMBP_PIG	Protein AMBP (Fragment)	1
2	1,4259	Q52I78	NAMPT_PIG	REVERSED Nicotinamide phosphoribosyltransferase	1

2	8,901	Q007T2	CDC42_PIG	Cell division control protein 42 homolog	1
2	6,6959	P29412	EF1B_PIG	Elongation factor 1-beta	1
2	9,023	P04574	CPNS1_PIG	Calpain small subunit 1	1
2	7,8429	P04178	SODC_PIG	Superoxide dismutase [Cu-Zn]	1
2	29,55	Q95274	TYB4_PIG	Thymosin beta-4	1
2	45,449	P42174	DHE3_PIG	Glutamate dehydrogenase 1, mitochondrial (Fragments)	1
1,74	4,938	A5GFS8	VAPB_PIG	Vesicle-associated membrane protein-associated protein B	1
1,7	5,147	Q71LE2	H33_PIG	Histone H3.3	1
1,59	6,5729	Q2EN81	ATPO_PIG	ATP synthase subunit, mitochondrial	1
1,57	6,8049	O77735	SCAM1_PIG	Secretory carrier-associated membrane protein 1	1
1,45	12,37	Q95283	COX41_PIG	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial (Fragment)	1
1,06	2,7289	O02705	HS90A_PIG	Heat shock protein HSP 90-alpha	2
0,98	2,7909	P00506	AATM_PIG	Aspartate aminotransferase, mitochondrial	1
0,82	3,5209	Q2YGT9	RL6_PIG	60S ribosomal protein L6	1
2	4,407	Q4GWZ2	RSSA_PIG	40S ribosomal protein SA	1