

Table S2. Proteins present in epididymal sperm membrane-associated fraction (SMAPs) of dog (*Canis lupus familiaris*), evaluated by SDS PAGE and mass spectrometry (NanoUPLC-Q-TOF/MS). Proteins were identified by UniProt (Swiss-Prot accession number) and NCBI (NCBI accession number). DAPs—differentially abundant proteins in SMAP fraction. Range 1–8 means protein fraction range on SDS PAGE gel.

Range	DAPs	Protein Name	Swiss-Prot Accession Number	Gene Symbol	Sequence Coverage (%)	Molecular Weight (kDa)	Peptide Counts (Unique)	Peptide Counts (All)	Protein Score
1		NPC intracellular cholesterol transporter 2	Q28895	<i>NPC2</i>	15.4	16.1	1	4	229
		Arginine esterase	P09582	<i>N/A</i>	5.4	28.7	1	2	200
		Lactotransferrin	A0A5F4BVF3	<i>LTF</i>	6.7	68.8	2	5	170
		F-actin monooxygenase	A0A5F4D7I6	<i>MICAL1</i>	0.7	111.2	1	4	163
		A-kinase anchoring protein 13	F1Q074	<i>AKAP13</i>	0.3	301.7	1	1	143
		Phosphatidylinositol 4-kinase alpha	F1PMC5	<i>PI4KA</i>	1.1	236.4	1	1	96
		ATP binding cassette subfamily C member 4	A0A5F4CYQ3	<i>ABCC4</i>	1.9	146.1	1	1	85
		Transient receptor potential cation channel subfamily C member 5	F1PA53	<i>TRPC5</i>	2.3	111.4	1	1	81
		GTP binding protein 2	E2RC60	<i>GTPBP2</i>	1.3	65.7	1	1	79
2		Epididymal secretory protein E1	F1PAR9	<i>NPC2</i>	32.3	20.2	3	27	564
		NPC intracellular cholesterol transporter 2	Q28895	<i>NPC2</i>	21.5	16.1	2	23	552
		Alpha fetoprotein	F2Z4Q6	<i>AFP</i>	38.6	72.0	18	72	462
		Lactotransferrin	F1PR54	<i>LTF</i>	15.4	77.3	9	25	453
		Lipochn_cytosolic_FA-bd_dom domain-containing protein	E2R6E0	<i>LCNL1</i>	3.4	32.6	1	5	405
		Boule homolog, RNA binding protein	A0A5F4C9S3	<i>BOLL</i>	1.9	39.7	1	4	179
		Olfactory receptor	F1PCR4	<i>OR2AE1</i>	3.8	36.1	1	1	161
		Cysteine rich secretory protein 2	A0A5F4D6X1	<i>CRISP2</i>	8.4	36.1	1	2	143
		Terminal uridylyl transferase 7	A0A5F4D1U6	<i>TUT7</i>	1.3	169.8	1	1	135
		Glutamine--fructose-6-phosphate transaminase (isomerizing)	J9P432	<i>GFPT1</i>	1.2	76.1	1	1	134
		Importin subunit alpha	F1PV58	<i>KPNA3</i>	4.6	55.1	1	1	125
		Olfactory receptor-like protein DTMT	P30955	<i>N/A</i>	13.4	35.2	1	2	124
		Ig-like domain-containing protein	J9NSQ1	<i>N/A</i>	15.8	12.9	1	2	119

		Inositol 1,4,5-trisphosphate receptor type 2	A0A5F4CFY8	<i>ITPR2</i>	0.9	278.8	1	1	117
		Peptidylglycine alpha-amidating monooxygenase	F6X870	<i>PAM</i>	3.0	91.6	1	2	108
		GLI family zinc finger 1	A0A5F4D967	<i>GLI1</i>	0.7	121.0	1	5	107
		Olfactory receptor family 6 subfamily C member 3I	A0A5F4CFE1	<i>OR6C3I</i>	8.0	35.5	1	1	100
		Potassium voltage-gated channel subfamily Q member 4	F1Q3A1	<i>KCNQ4</i>	3.0	79.2	1	1	96
		Septin-type G domain-containing protein	A0A5F4C9N8	<i>SEPTIN9</i>	1.4	65.5	1	3	91
		Toll like receptor 4	F1PDB9	<i>TLR4</i>	1.0	96.0	1	9	89
		Astrotactin 1	A0A5F4D0C2	<i>ASTN1</i>	2.1	140.9	1	2	86
		Codanin 1	F1PXQ3	<i>CDAN1</i>	1.9	131.3	1	2	84
		Malignant T-cell-amplified sequence	J9P226	<i>LOC487150</i>	11.0	20.6	1	1	84
		GIT ArfGAP 1	A0A5F4DJN3	<i>GIT1</i>	3.3	84.4	1	1	80
		Netrin receptor UNC5	E2RC29	<i>UNC5B</i>	4.9	103.1	2	2	75
		Olfactory receptor	F1PE91	<i>OR6C69G</i>	8.4	34.9	1	1	74
3	f	Epididymal secretory protein E1	F1PAR9	<i>NPC2</i>	33.3	20.2	4	29	470
	f	Lactotransferrin	F1PR54	<i>LTF</i>	17.4	77.3	12	22	335
	g	WAP domain-containing protein	E2RCT1	<i>N/A</i>	14.7	13.0	1	3	303
	g	Cysteine rich secretory protein 2	A0A5F4CCD0	<i>CRISP2</i>	13.5	35.4	2	5	302
		A-kinase anchoring protein 13	F1Q074	<i>AKAP13</i>	0.3	301.7	1	2	183
		Pyruvate kinase	A0A5F4CGU2	<i>PKLR</i>	6.8	60.2	1	3	175
		Phospholipase A2 receptor 1	A0A5F4D8I6	<i>PLA2R1</i>	0.5	160.5	1	3	162
		Nik related kinase	F1PB88	<i>NRK</i>	0.5	171.5	1	1	136
		Transmembrane protein 115	E2QWQ9	<i>TMEM115</i>	11.1	38.2	1	1	133
		Alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase B	A0A5F4CBI5	<i>MGAT4B</i>	4.3	63.9	1	1	127
		Phosphatidylinositol glycan anchor biosynthesis class S	F6X735	<i>PIGS</i>	5.2	61.5	1	2	122
		LDL receptor related protein 2	F1PIB4	<i>LRP2</i>	0.6	520.6	2	2	120

		Codanin 1	F1PXQ3	<i>CDAN1</i>	1.9	131.3	1	3	118
		GRB2 associated regulator of MAPK1 subtype 1	A0A5F4DGU3	<i>GAREM1</i>	1.1	87.4	1	1	106
		Docking protein 1	A0A5F4BR19	<i>DOK1</i>	21.1	19.2	1	1	104
		Protein inhibitor of activated STAT 3	F1Q1E9	<i>PIAS3</i>	6.8	64.6	1	1	100
		Phospholipid-transporting ATPase	J9P2W7	<i>ATP8A1</i>	1.9	132.9	1	2	94
		ElaC homolog protein 2	A0A5F4CLL9	<i>ELAC2</i>	1.1	91.3	1	1	94
		EFR3 homolog B	F1PMW4	<i>EFR3B</i>	0.9	103.0	1	1	94
		Family with sequence similarity 181 member B	J9NZN3	<i>FAM181B</i>	8.4	40.8	2	2	92
		Diacylglycerol kinase	A0A5F4C8J4	<i>DGKH</i>	1.9	134.6	1	1	84
		Zona pellucida sperm-binding protein 3	P48831	<i>ZP3</i>	2.1	47.4	1	1	79
		VPS37 C-terminal domain-containing protein	E2QZC7	<i>VPS37B</i>	10.1	31.4	1	1	78
		Olfactory receptor	E2R1U1	<i>OR9G10</i>	14.5	34.8	1	2	78
		CCCTC-binding factor like	E2RLE7	<i>CTCFL</i>	2.0	35.4	1	27	75
		YEATS domain containing 4	E2QSI2	<i>YEATS4</i>	2.6	26.5	1	1	71
4	h	Lactotransferrin	A0A5F4BVF3	<i>LTF</i>	11.3	68.8	6	26	382
		Actin, cytoplasmic 1	O18840	<i>ACTB</i>	5.3	41.7	4	41	378
		NPC intracellular cholesterol transporter 2	Q28895	<i>NPC2</i>	30.2	16.1	3	9	301
	h	von Willebrand factor A domain containing 5A	A0A5F4CPY7	<i>VWA5A</i>	0.8	89.2	1	4	277
		Ubiquitin-60S ribosomal protein L40	P63050	<i>UBA52</i>	7.0	14.7	1	4	262
		Albumin	P49822	<i>ALB</i>	8.9	68.6	5	14	258
		Epididymal secretory protein E1	F1PAR9	<i>NPC2</i>	27.5	20.2	3	8	255
		Cysteine rich secretory protein 2	A0A5F4CCD0	<i>CRISP2</i>	8.4	35.4	2	2	238
		Lactotransferrin	F1PR54	<i>LTF</i>	14.4	77.3	9	21	229
		Prostaglandin-H2 D-isomerase	Q9XS65	<i>PTGDS</i>	7.3	21.1	1	2	221
		WAP domain-containing protein	E2RCT1	<i>N/A</i>	9.5	13.0	2	5	206
		A-kinase anchoring protein 13	F1Q074	<i>AKAP13</i>	0.3	301.7	1	4	194
		Pleckstrin homology domain containing A4	A0A5F4BQH3	<i>PLEKHA4</i>	0.9	85.1	1	1	180
		Senataxin	A0A5F4CUE8	<i>SETX</i>	0.4	300.1	1	3	176
		Solute carrier family 4 member 9	J9P3D0	<i>SLC4A9</i>	1.1	98.1	1	3	174

1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma	F1PS03	<i>PLCG1</i>	1.2	140.4	1	1	171
Cyclic nucleotide binding domain containing 1	F1Q3I2	<i>CNBD1</i>	1.0	58.5	1	1	165
Pyruvate dehydrogenase E1 component subunit beta	J9P208	<i>N/A</i>	3.0	36.3	1	1	153
Acrosin	A0A5F4C1D8	<i>ACR</i>	2.1	46.0	1	1	152
Epididymal secretory glutathione peroxidase	O46607	<i>GPX5</i>	2.7	25.3	1	2	153
Metaxin	F1PSR1	<i>MTX3</i>	9.0	32.2	1	1	147
Olfactory receptor	E2R8V1	<i>OR4G18</i>	1.9	35.5	1	1	144
RNA polymerase II subunit C	E2RQ42	<i>POLR2C</i>	2.5	32.1	1	1	142
Reverse transcriptase domain-containing protein	A0A5F4DC84	<i>N/A</i>	1.1	78.7	1	1	130
CE10 protein	Q9XSV4	<i>ce10</i>	9.1	12.8	1	5	129
Proline-serine-threonine phosphatase interacting protein 1	A0A5F4C854	<i>PSTPIP1</i>	3.6	15.9	1	1	123
Component of oligomeric Golgi complex 7	A0A5F4D723	<i>COG7</i>	1.4	83.2	1	1	122
Cullin 7	J9NWA1	<i>CUL7</i>	0.6	176.9	1	1	114
TEPSIN adaptor related protein complex 4 accessory protein	A0A5F4D252	<i>TEPSIN</i>	1.3	61.4	1	1	106
Ezrin	E2RSI6	<i>EZR</i>	1.5	69.4	1	1	92
Integrin subunit alpha V	A0A5F4C9R4	<i>ITGAV</i>	1.5	114.4	1	1	91
FYVE, RhoGEF and PH domain containing 6	A0A5F4CU74	<i>FGD6</i>	1.4	148.3	1	3	86
Tubulin tyrosine ligase like 5	A0A5F4CSA7	<i>TTLL5</i>	0.9	142.9	1	1	79
Tudor domain containing 9	J9P8U1	<i>TDRD9</i>	1.3	151.1	1	2	76
TAO kinase 3	A0A5F4CM71	<i>TAOK3</i>	1.4	95.4	1	1	71
Transmembrane protein 117	J9P2K4	<i>TMEM117</i>	2.6	59.6	1	1	71
Solute carrier family 15 member 1	Q8WMX5	<i>SLC15A1</i>	0.3	78.7	1	2	70
Cysteine rich secretory protein 2	A0A5F4D6X1	<i>CRISP2</i>	8.4	36.1	1	5	361
Lactotransferrin	F1PR54	<i>LTF</i>	5.4	77.3	3	10	252

	Lipocln_cytosolic_FA-bd_dom domain-containing protein	E2R6E0	<i>LCNL1</i>	3.7	32.6	1	1	217
	Albumin	P49822	<i>ALB</i>	12.5	68.6	5	6	205
	Acrosin	A0A5F4C1D8	<i>ACR</i>	5.9	46.0	1	1	198
	ATP synthase subunit beta	A0A5F4DJV1	<i>ATP5F1B</i>	2.4	68.0	1	1	196
	Glucose-6-phosphate isomerase	E2R2C3	<i>GPI</i>	3.2	63.0	1	6	184
	Epididymal secretory glutathione peroxidase	O46607	<i>GPX5</i>	15.8	25.3	2	3	179
	Carboxylesterase 5A	Q6AW47	<i>CES5A</i>	3.7	63.6	1	3	168
	A-kinase anchoring protein 13	F1Q074	<i>AKAP13</i>	0.3	301.7	1	2	151
	Actin, cytoplasmic 1	O18840	<i>ACTB</i>	2.4	41.7	1	1	146
	Fructose-bisphosphate aldolase	J9P7A6	<i>ALDOA</i>	5.7	38.2	1	1	139
	Interleukin 4 induced 1	A0A5F4DIG1	<i>IL4I1</i>	8.1	63.7	3	3	125
	C1q and TNF related 5	J9NSY4	<i>C1QTNF5</i>	16.7	12.2	1	1	121
	ANK_REP_REGION domain-containing protein	H9GWX7	<i>LOC608294</i>	4.9	37.1	1	2	119
	T-cell surface glycoprotein CD8 alpha chain	P33706	<i>CD8A</i>	5.0	26.0	1	2	110
	Tumor susceptibility 101	A0A5F4DKE2	<i>TSG101</i>	9.8	40.1	1	1	94
	Atlastin GTPase 1	A0A5F4CRL0	<i>ATL1</i>	5.8	63.1	1	1	92
	Ribonuclease	E2RQK5	<i>RNASEH2A</i>	5.2	53.5	1	2	92
	Stathmin domain containing 1	A0A5F4DC42	<i>STMND1</i>	5.5	40.4	1	1	92
	Tubulin alpha chain	F1PE21	<i>LOC477570</i>	3.1	50.0	1	1	89
	Ig-like domain-containing protein	E2RHT2	<i>CD8B</i>	1.9	23.6	1	2	88
	NPC intracellular cholesterol transporter 2	Q28895	<i>NPC2</i>	15.4	16.1	1	1	79
	Phosphate transporter	A0A5F4DI30	<i>SLC20A2</i>	6.4	66.0	1	1	75
	Titin	A0A5F4BU36	<i>TTN</i>	0.1	3011.0	5	10	74
	Neutral ceramidase	A0A5F4D9P9	<i>ASAH2</i>	3.5	84.6	1	1	72
6	Lactotransferrin	F1PR54	<i>LTF</i>	20.5	77.3	13	56	516
	NPC intracellular cholesterol transporter 2	Q28895	<i>NPC2</i>	15.4	16.1	1	10	496

Lipocln_cytosolic_FA-bd_dom domain-containing protein	E2R6E0	<i>LCNL1</i>	3.7	32.6	1	10	380
Prostaglandin-H2 D-isomerase	Q9XS65	<i>PTGDS</i>	17.8	21.1	3	8	340
Albumin	P49822	<i>ALB</i>	7.6	68.6	3	10	320
Ig-like domain-containing protein	J9NSQ1	<i>N/A</i>	15.8	12.9	1	3	282
Beta-N-acetylhexosaminidase	F1Q1M8	<i>HEXB</i>	6.7	38.1	1	2	247
Sulfhydryl oxidase	F1PLT8	<i>QSOX1</i>	2.6	63.1	1	1	235
Olfactomedin 4	F1PB68	<i>OLFM4</i>	4.2	54.4	2	5	230
A-kinase anchoring protein 13	F1Q074	<i>AKAP13</i>	0.3	301.7	1	6	229
Alkaline phosphatase	A0A5F4DGF5	<i>ALPL</i>	1.8	62.9	1	1	224
NTR domain-containing protein	J9NZH4	<i>LOC102154527</i>	8.6	25.3	1	1	184
GLI family zinc finger 1	A0A5F4D967	<i>GLI1</i>	0.7	121.0	1	22	182
Olfactory receptor	F1PCR4	<i>OR2AE1</i>	3.8	36.1	1	3	172
Cysteine rich secretory protein 2	A0A5F4CCD0	<i>CRISP2</i>	13.5	35.4	2	5	158
von Willebrand factor A domain containing 3A	F1PFJ3	<i>VWA3A</i>	1.2	134.3	1	1	154
Boule homolog, RNA binding protein	A0A5F4C9S3	<i>BOLL</i>	1.9	39.7	1	7	151
Membrane associated guanylate kinase, WW and PDZ domain containing 2	J9NWS2	<i>MAGI2</i>	0.6	129.2	1	7	151
Leucine rich repeat containing 58	E2R023	<i>LRRC58</i>	1.4	61.0	1	1	139
Acyltransferase	F1PRI9	<i>DGAT2</i>	1.9	47.8	1	15	113
Myotubularin related protein 11	E2R1T1	<i>MTMR11</i>	2.1	78.3	1	1	110
Rhomboid-related protein 2	E2QY16	<i>RHBDL2</i>	5.6	34.3	1	1	102
Epididymal secretory glutathione peroxidase	O46607	<i>GPX5</i>	6.8	25.3	1	1	101
Claudin domain containing 1	F1PYH4	<i>CLDND1</i>	6.3	39.0	1	1	100
Phosphatidylinositol-4,5-bisphosphate 4-phosphatase	F1PQN6	<i>OSGEP</i>	6.2	36.5	1	1	98
Protein kinase domain-containing protein	A0A5F4D0I1	<i>CSNK2A1</i>	5.9	40.7	1	2	93
Taste receptor type 2	A0A5F4BRQ1	<i>TAS2R4</i>	2.8	33.0	1	4	91
FA complementation group M	J9NY43	<i>FANCM</i>	0.9	229.4	1	1	87
Hyperpolarization activated cyclic nucleotide gated potassium channel 4	J9PAZ6	<i>HCN4</i>	4.9	61.2	1	1	86

		U2 snRNP associated SURP domain containing	E2R1V3	<i>U2SURP</i>	1.4	118.3	1	2	80
		Ectonucleoside triphosphate diphosphohydrolase 7	F1PKY7	<i>ENTPD7</i>	3.0	69.0	1	1	78
		Semaphorin 6B	F1PX52	<i>SEMA6B</i>	2.7	80.9	1	1	78
		Adenylate cyclase type 1	J9NY35	<i>ADCY1</i>	2.3	126.1	1	2	76
		Olfactory receptor	A0A5F4DHC7	<i>OR13D1B</i>	12.7	35.5	1	1	72
		Dispatched RND transporter family member 3	A0A5F4CKV9	<i>DISP3</i>	1.8	144.3	1	3	70
7	i	Epididymal secretory protein E1	F1PAR9	<i>NPC2</i>	25.4	20.2	3	29	591
		Albumin	P49822	<i>ALB</i>	14.5	68.6	8	35	550
		Lactotransferrin	F1PR54	<i>LTF</i>	21.5	77.3	14	56	543
		NPC intracellular cholesterol transporter 2	Q28895	<i>NPC2</i>	21.5	16.1	2	9	541
		Lipocln_cytosolic_FA-bd_dom domain-containing protein	E2R6E0	<i>LCNL1</i>	3.7	32.6	1	8	424
		Sulfhydryl oxidase	F1PLT8	<i>QSOX1</i>	2.6	63.1	1	3	364
	i	Beta-N-acetylhexosaminidase	F1Q1M8	<i>HEXB</i>	6.7	38.1	1	4	276
		Epididymal secretory glutathione peroxidase	O46607	<i>GPX5</i>	6.8	25.3	1	5	264
		Olfactomedin 4	F1PB68	<i>OLFM4</i>	4.2	54.4	1	2	240
		Cysteine rich secretory protein 2	A0A5F4CCD0	<i>CRISP2</i>	4.8	35.4	1	4	220
		Olfactory receptor	F1PCR4	<i>OR2AE1</i>	3.8	36.1	1	1	202
		Carboxylesterase 5A	Q6AW47	<i>CES5A</i>	3.5	63.6	2	109	194
		Senataxin	A0A5F4CUE8	<i>SETX</i>	0.3	300.1	1	1	187
		von Willebrand factor A domain containing 3A	F1PFJ3	<i>VWA3A</i>	1.2	134.3	1	2	182
		Boule homolog, RNA binding protein	A0A5F4C9S3	<i>BOLL</i>	1.9	39.7	1	3	172
		Membrane associated guanylate kinase, WW and PDZ domain containing 2	J9NWS2	<i>MAGI2</i>	0.6	129.2	1	2	172
		A-kinase anchoring protein 13	F1Q074	<i>AKAP13</i>	0.3	301.7	1	5	169
		Olfactory receptor	J9P4T0	<i>OR5AC26</i>	6.4	37.3	1	3	137
		Rho GTPase activating protein 24	A0A5F4BYE4	<i>ARHGAP24</i>	1.9	76.2	1	1	131
		Adhesion G protein-coupled receptor A2	J9NRV9	<i>ADGRA2</i>	2.0	140.9	1	1	131

		U2 snRNP associated SURP domain containing	E2R1V3	<i>U2SURP</i>	1.4	118.3	1	1	125
		Interleukin-1 receptor-associated kinase 4	E2RDL0	<i>IRAK4</i>	2.8	51.4	1	1	115
		Glutamine--fructose-6-phosphate transaminase (isomerizing)	J9P432	<i>GFPT1</i>	1.2	76.1	1	3	103
		RUN domain containing 1	F1PAD7	<i>RUNDC1</i>	1.3	67.6	1	1	97
		Codanin 1	F1PXQ3	<i>CDAN1</i>	1.9	131.3	1	4	95
		Solute carrier family 14 member 1	A0A5F4CTT5	<i>SLC14A1</i>	2.5	53.7	1	1	95
		TraB domain containing 2A	J9NY87	<i>TRABD2A</i>	3.0	57.8	1	1	92
		Phospholipase A2 receptor 1	A0A5F4D8I6	<i>PLA2R1</i>	0.5	160.5	1	1	91
		Galectin	A0A5F4C4R0	<i>LGALS9</i>	3.5	41.4	1	1	91
		Calcium dependent secretion activator 2	A0A5F4D577	<i>CADPS2</i>	1.1	147.2	1	1	90
		Dispatched RND transporter family member 3	A0A5F4CKV9	<i>DISP3</i>	1.8	144.3	1	2	89
		Ig-like domain-containing protein	A0A5F4CQU2	<i>DLA-DMB</i>	4.1	27.4	1	4	88
		Ectonucleoside triphosphate diphosphohydrolase 1	A0A5F4CCH2	<i>ENTPD1</i>	3.7	55.1	1	2	86
		zf-3CxxC domain-containing protein	J9NXR0	<i>RTP5</i>	1.4	60.5	1	1	80
		Desmoglein-1	Q9GKQ8	<i>DSG1</i>	4.0	113.9	1	2	80
		Myosin IE	A0A5F4CHW1	<i>MYO1E</i>	1.3	121.9	1	1	80
		Nik related kinase	F1PB88	<i>NRK</i>	0.5	171.5	1	2	79
		Caspase recruitment domain family member 6	F1PIZ1	<i>CARD6</i>	0.7	122.2	1	1	79
		Cation-transporting ATPase	F1PRT7	<i>ATP13A4</i>	0.7	134.0	1	3	76
		Transporter 1, ATP binding cassette subfamily B member	F1PTP4	<i>TAP1</i>	3.4	75.4	1	1	75
		Calcium-transporting ATPase	J9P2B9	<i>ATP2A3</i>	2.7	109.6	1	1	74
		Signal recognition particle subunit SRP72	P33731	<i>SRP72</i>	3.7	74.5	1	1	73
		Histone H2A	F1P790	<i>H2AW</i>	21.5	14.2	1	1	72
8	j	Epididymal secretory protein E1	F1PAR9	<i>NPC2</i>	32.3	20.2	3	21	540
		Lactotransferrin	A0A5F4BVF3	<i>LTF</i>	12.6	68.8	6	22	497
		Cysteine rich secretory protein 2	A0A5F4D6X1	<i>CRISP2</i>	8.4	36.1	1	4	330
		A-kinase anchoring protein 13	F1Q074	<i>AKAP13</i>	0.3	301.7	1	5	237

j	Acrosin-binding protein	E2RNS8	<i>ACRBP</i>	1.9	61.3	1	3	231
	NTR domain-containing protein	J9NZH4	<i>LOC102154527</i>	8.6	25.3	1	1	165
	Olfactory receptor family 56 subfamily B member 1	F6XR78	<i>OR56B1</i>	3.1	35.8	1	1	104
	Fibrocystin	E2RK30	<i>PKHD1</i>	2.3	447.6	6	6	103
	Adhesion G protein-coupled receptor A2	J9NRV9	<i>ADGRA2</i>	2.0	140.9	2	3	101
	CD109 molecule	A0A5F4CP99	<i>CD109</i>	1.8	169.3	1	3	100
	Dual oxidase maturation factor 1	A0A5F4BRG3	<i>DUOXA1</i>	19.9	32.8	1	1	93
	Solute carrier family 16 member 6	F1Q090	<i>SLC16A6</i>	5.5	57.1	1	1	91
	Interferon alpha inducible protein 6	E2RSX9	<i>IFI6</i>	55.4	13.3	1	1	90
	WAP domain-containing protein	E2RCT1	<i>N/A (WAPdcp)</i>	14.7	13.0	1	2	85
	Myosin heavy chain 7	E2RJD1	<i>MYH7</i>	1.6	203.4	1	2	84
	Protein inhibitor of activated STAT 3	F1Q1E9	<i>PIAS3</i>	6.8	64.6	2	2	82
	DOP1 leucine zipper like protein B	E2RIH1	<i>DOP1B</i>	1.2	253.6	1	1	77
	Tuftelin-interacting protein 11	A1XD97	<i>TFIP11</i>	3.2	96.6	1	1	71
