

**Supplemental Table 1. List of 1,174 identified proteins and peptide count numbers from three nuclear fractions**

Entry Name <sup>a</sup>	Description	MW	pI	NH <sup>b</sup>	NR <sup>b</sup>	NS <sup>b</sup>
GP:AB000516_1	mRNA for DSIF p160, complete cds	120,984	4.96		5	
GP:AB002330_1	Human mRNA for KIAA0332 gene, partial cds	118,087	8.60	3	5	
GP:AB007510_1	mRNA for PRP8 protein, complete cds	273,609	8.92	14	29	
GP:AB011126_1	mRNA for KIAA0554 protein, partial cds	77,399	5.91	3		
GP:AB019494_1	IDN3 mRNA, partial cds	257,092	8.41	4	12	
GP:AB020713_1	mRNA for KIAA0906 protein, partial cds	99,604	8.34		17	
GP:AB023196_1	mRNA for KIAA0979 protein, partial cds	168,310	8.77		3	
GP:AB023482_13	Oryza sativa (japonica cultivar-group) genomic DNA, chromosome 6	278,370	8.94	14	19	
GP:AB029028_1	mRNA for KIAA1105 protein, partial cds	82,304	4.91		2	
GP:AB032251_1	BPTF mRNA for bromodomain PHD finger transcription factor	311,017	6.40	4		
GP:AB032976_1	mRNA for KIAA1150 protein, partial cds	54,513	9.86	2		
GP:AB033061_1	mRNA for KIAA1235 protein, partial cds	161,977	5.77		2	
GP:AB043584_1	mRNA for zinc finger protein hRit1 alpha, complete cds	95,459	6.10	7	7	3
GP:AB058697_1	mRNA for KIAA1794 protein, partial cds	90,536	5.96	3		
GP:AB058705_1	mRNA for KIAA1802 protein, partial cds	90,083	8.75		7	
GP:AB058721_1	mRNA for KIAA1818 protein, partial cds	125,447	9.18	3		
GP:AB065003_1	hWAPL mRNA for mammalian homolog of wings apart-like protein	132,863	5.27	3	2	
GP:AB088099_1	KIAA0170 gene for homologue to Drosophila photoreceptor protein calphoton	226,543	5.35	4	5	14
GP:AC004611_2	chromosome 19, cosmid F24200, complete sequence	9,602	8.04		2	
GP:AC004893_1	PAC clone RP4-808A1 from 7q21	165,135	8.75	8		
GP:AF057299_1	RAD50-2 protein	153,796	6.47	11		
GP:AF072718_1	Key-1A6 protein mRNA, complete cds	99,828	8.93		7	
GP:AF073771_1	RNA polymerase II termination factor mRNA, complete cds	129,527	8.68		2	
GP:AF078849_1	dynein light chain-A mRNA, complete cds	56,592	6.12	5		
GP:AF112222_1	nuclear protein SDK3 mRNA, complete cds	81,535	6.71		16	9
GP:AF113534_1	HP1-BP74 protein mRNA, complete cds	61,398	9.60	2	3	10
GP:AF144074_1	glucosidase II alpha subunit mRNA, complete cds	109,369	5.82		34	
GP:AF152961_1	chromatin-specific transcription elongation factor FACT 140 kDa subunit mRNA	119,838	5.50			41
GP:AF155827_1	proliferation-associated SNF2-like protein	97,012	8.07		10	
GP:AF173937_1	secreted protein of unknown function	18,845	5.51		6	
GP:AF177387_1	polybromo-1	187,068	6.41	8	2	
GP:AF180425_1	retinoblastoma-associated protein RAP140 mRNA, complete cds	139,867	5.46		3	
GP:AF231056_1	BRG1-Associated Factor 250a	241,841	6.24	6		
GP:AF385437_1	T-cell activation WD repeat protein mRNA, complete cds	105,255	7.33	7		16
GP:AF418569_1	MSIN3A mRNA, complete cds	145,110	6.82	12	4	
GP:AJ006778_1	mRNA for DRIM protein	318,221	7.07		27	
GP:AJ564104_1	mRNA for keratin 1b	61,763	5.73	3		
GP:AK001461_1	cDNA FLJ10599 fis, clone NT2RP2004959	95,903	5.80		7	
GP:AK001599_1	cDNA FLJ10737 fis, clone NT2RP3001426, weakly similar to DNAJ PROTEIN	63,297	8.54		3	
GP:AK022932_1	cDNA FLJ12870 fis, clone NT2RP2003727	93,196	8.49	4	6	
GP:AK023383_1	cDNA FLJ13321 fis, clone OVARC1001703	60,491	5.43		2	
GP:AK023702_1	cDNA FLJ13640 fis, clone PLACE1011221	81,072	5.74			23
GP:AK074587_1	cDNA FLJ90106 fis, clone HEMBA1006430	49,518	8.81		4	
GP:AK075287_1	cDNA FLJ90806 fis, clone Y79AA1000750	22,429	4.65	3		
GP:AK090435_1	mRNA for FLJ00353 protein	200,214	6.21		2	
GP:AK091153_1	cDNA FLJ33834 fis, clone CTONG2004264	85,997	5.70	3		
GP:AK092642_1	cDNA FLJ35323 fis, clone PROST2012249	25,958	9.33	3		
GP:AK093060_1	cDNA FLJ35741 fis, clone TESTI2004163	44,670	5.07		2	7
GP:AK095745_1	cDNA FLJ38426 fis, clone FEBRA2012507	37,197	5.96	3		
GP:AL022398_2	Human DNA sequence from clone RP3-434O14 on chromosome 1q32	61,337	8.66		3	
GP:AL161797_1	chromosome 1 clone RP5-871E2 map p22	35,836	4.57		3	
GP:AL832200_1	Homo sapiens mRNA; cDNA DKFZp686G052	180,375	7.03	3	2	
GP:AL833978_1	Homo sapiens mRNA; cDNA DKFZp434I0612	44,407	10.10			8
GP:AL834470_1	Homo sapiens mRNA; cDNA DKFZp762N1910	72,750	5.23	2	18	8
GP:AY186731_1	p66 alpha mRNA, complete cds	68,021	9.95		3	
GP:AY278023_1	interferon regulatory factor-2 binding protein 2A mRNA, complete cds	61,061	9.06	2		
GP:BC039843_1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin	91,699	5.44	31	42	
GP:BC044255_1	nucleoporin 205kDa, mRNA	93,846	5.93		14	
GP:BX248076_1	human full-length cDNA clone CS0DL002YK24 of B cells	68,906	5.94		3	
GP:BX537360_1	Homo sapiens mRNA; cDNA DKFZp686H1588	26,196	8.53	2		
GP:D79984_1	KIAA0162 mRNA, partial cds	198,948	4.81		7	
GP:D86978_1	Human mRNA for KIAA0225 gene, partial cds	227,902	5.85	3	19	
GP:D87716_1	Human mRNA for KIAA0007 gene, partial cds	51,048	8.83	3		7
GP:U66618_1	Human SWI/SNF complex 60 KDa subunit	54,207	9.27		2	

Entry Name <sup>a</sup>	Description	MW	pI	NH <sup>b</sup>	NR <sup>b</sup>	NS <sup>b</sup>
GPN:Y19208_1	KRTHB3 gene for type II hair keratin 3, exons 1 to 9	54,161	5.54			6
GPN:AF227948_1	HBV pX associated protein-8 mRNA, complete cds	134,878	5.00			2
GPN:AK000010_1	cDNA FLJ20003 fis, clone ADKA01794	44,259	5.19		2	
GPN:AK000261_1	cDNA FLJ20254 fis, clone COLF6926	48,555	8.22		7	
GPN:AK000304_1	cDNA FLJ20297 fis, clone HEP05942	90,070	8.12		8	
GPN:AK000349_1	cDNA FLJ20342 fis, clone HEP13572	65,043	7.20		2	
GPN:AK003493_1	Mus musculus 18-day embryo whole body cDNA	57,464	6.58		4	
GPN:AK004558_1	Mus musculus adult male lung cDNA, clone:1200003D18	23,835	12.20		3	
GPN:AK004766_1	Mus musculus adult male lung cDNA, clone:1200014J11 product	70,000	5.50		2	
GPN:AK009582_1	Mus musculus adult male tongue cDNA, clone:2310032M22 product	31,629	8.75	3		
GPN:AK010310_1	Mus musculus ES cells cDNA, clone:2400010F03 product	50,607	9.19		2	5
GPN:AK014456_1	Mus musculus 13 days embryo whole body cDNA, clone:3930401K13 product	59,707	9.34			4
GPN:AK026042_1	cDNA: FLJ22389 fis, clone HRC07681	50,331	5.55		12	
GPN:AK026107_1	cDNA: FLJ22454 fis, clone HRC09703	51,366	9.54	7		
GPN:AK030781_1	Mus musculus 8 days embryo whole body cDNA, clone:5730600B02 product	106,296	7.09		4	
GPN:AK039567_1	Mus musculus adult male spinal cord cDNA, clone:A330064G03 product	78,981	4.99	8	11	
GPN:AK041594_1	Mus musculus 3 days neonate thymus cDNA, clone:A630023K01 product	53,700	9.59	5	7	
GPN:AK045159_1	Mus musculus 9.5 days embryo parthenogenote cDNA, clone:B130042B12 product	92,355	9.00		7	
GPN:AK047081_1	Mus musculus 10 days neonate cerebellum cDNA, clone:B930017P19 product	94,523	9.53		6	
GPN:AK074420_1	cDNA FLJ23840 fis, clone KAT02642	29,891	5.58	9		16
GPN:AK088011_1	Mus musculus 2 days neonate thymus thymic cells cDNA, clone:E430002D17 produc	117,160	8.88		2	
GPN:AK098547_1	cDNA FLJ25681 fis, clone TST04131	40,754	5.04	2		
GPN:AK125781_1	cDNA FLJ43793 fis, clone TESTI4000014	157,862	5.81		5	
GPN:AK126214_1	cDNA FLJ44226 fis, clone THYMU3006172	59,339	8.08		6	
GPN:AK127872_1	cDNA FLJ45976 fis, clone PLACE7018512	101,725	8.89		2	
GPN:AK128368_1	cDNA FLJ46511 fis, clone THYMU3031868	64,010	5.29		2	
GPN:AK131089_1	mRNA for FLJ00293 protein	92,760	9.16		4	
GPN:AY358088_1	clone DNA57711 AVLG582	53,568	8.75		2	
GPN:AY358264_1	clone DNA181718 WD40 protein	35,056	7.59	3		
GPN:AY358445_1	clone DNA82340 AAAL905	26,454	9.24		2	
GPN:AY358463_1	clone DNA53974 ERO1L	54,358	5.48		9	
GPN:AY358691_1	clone DNA64883 implantation-associated protein	38,011	9.68		3	
GPN:AY358793_1	clone DNA139686 SRLG3122	52,086	5.02		2	
GPN:AY359059_1	clone DNA60622 SFLQ611	25,747	8.92		4	
GPN:AY359091_1	clone DNA150157 AAAP6077	56,437	4.30		5	
GPN:AY359102_1	clone DNA93012 TMEM4	20,639	4.81	2	6	
GPN:AY363225_1	heterogeneous nuclear ribonucleoprotein A3 mRNA, complete cds	39,571	9.10	6	4	6
GPN:AY422990_1	RNA-binding protein P46 gene, complete cds	46,061	10.00	2		
GPN:BC000001_1	clone MGC:3234 IMAGE:3504261	44,912	8.74	3	4	
GPN:BC000017_1	hypothetical protein F23149_1, clone MGC:898 IMAGE:3504227	59,939	4.53	3		
GPN:BC000041_1	Similar to ribosomal protein, mitochondrial, L2, clone MGC:878	48,087	8.83		4	
GPN:BC000131_1	Homo sapiens FtsJ homolog 3	65,688	5.64			7
GPN:BC000416_1	Homo sapiens, BCS1	47,505	8.63		4	
GPN:BC000488_1	SYT interacting protein, clone MGC:8361 IMAGE:2819856	69,449	9.68	15	7	10
GPN:BC000591_1	apoptosis antagonizing transcription factor, clone MGC:815	63,094	4.83		4	6
GPN:BC000697_1	pericentrin 1, mRNA	74,971	5.36		8	
GPN:BC000875_1	mitochondrial carrier homolog 2	33,309	8.25		6	
GPN:BC000994_1	glioma-amplified sequence-41, clone MGC:5009	26,483	8.40	4		
GPN:BC001013_1	MCT-1 protein, clone MGC:1187 IMAGE:3344210	20,542	8.98	4		
GPN:BC001024_1	putative nucleotide binding protein, estradiol-induced, clone MGC:800	61,958	9.20			6
GPN:BC001041_1	hypothetical protein FLJ20303, mRNA	63,301	6.32			3
GPN:BC001107_1	FUS interacting protein	22,209	10.30	3	13	9
GPN:BC001191_1	hypothetical protein MGC3162, mRNA	58,431	7.08		9	
GPN:BC001309_1	hypothetical protein MGC5508, mRNA	26,194	10.40		9	
GPN:BC001364_1	SEC22, vesicle trafficking protein	24,725	8.67	6	16	
GPN:BC001378_1	hypothetical protein MGC2574, mRNA	40,211	10.30			16
GPN:BC001384_1	Similar to SnRNP assembly defective 1 homolog, clone MGC:1287	65,065	9.02	2		
GPN:BC001403_1	pre-mRNA cleavage factor Im	26,211	8.85	13	2	
GPN:BC001568_1	CDC5 cell division cycle 5-like	92,194	8.22		6	2
GPN:BC001623_1	mitochondrial ribosomal protein L18, mRNA	20,564	9.63		3	
GPN:BC002457_1	clone MGC:3067 IMAGE:3345230	28,782	9.54		7	
GPN:BC002583_1	Similar to hypothetical protein, clone MGC:893 IMAGE:3161718	16,734	10.00		3	
GPN:BC002748_1	Similar to hypothetical protein FLJ20533, clone MGC:3448 IMAGE:3631570	28,951	9.02		3	
GPN:BC003082_1	hypothetical protein FLJ10407, clone MGC:970 IMAGE:3509727	76,314	9.18		7	
GPN:BC003090_1	COP9 constitutive photomorphogenic homolog subunit 8	23,211	5.25	2		
GPN:BC003413_1	nucleolar protein family A, member 1	22,334	10.90	2	3	4

Entry Name <sup>a</sup>	Description	MW	pI	NH <sup>b</sup>	NR <sup>b</sup>	NS <sup>b</sup>
GPN:BC003696_1	suppressor of Ty 6 homolog	122,720	5.72		20	
GPN:BC004169_1	Similar to RIKEN cDNA 3110001A18 gene, clone MGC:2714 IMAGE:2821548	27,491	5.44	7	2	
GPN:BC004951_1	RNA binding motif protein 30, mRNA	40,124	6.28	3	3	
GPN:BC005097_1	cytoplasmic FMR1 interacting protein 1, mRNA	145,089	6.46	2		
GPN:BC005102_1	chromosome 1 open reading frame 57, mRNA	20,700	9.61	2	4	3
GPN:BC005125_1	Similar to hypothetical protein FLJ14075, clone MGC:10515 IMAGE:3841643	80,251	8.64			2
GPN:BC005152_1	similar to mouse Glt3 or D	22,760	9.78	3		
GPN:BC005190_1	3-hydroxyisobutyryl-Coenzyme A hydrolase, mRNA	37,356	8.76		3	
GPN:BC005405_1	glucosidase, alpha; neutral AB, mRNA	34,558	6.78		11	
GPN:BC005934_1	hypothetical protein FLJ21168, mRNA	23,706	5.09		2	
GPN:BC006224_1	Similar to RIKEN cDNA 3110082I17 gene, clone MGC:11257 IMAGE:3941780	22,070	9.65	3		2
GPN:BC006282_1	hypothetical protein MGC10540, mRNA	20,735	5.97	16		
GPN:BC006487_1	chromosome 15 open reading frame 12, mRNA	21,837	9.54		3	6
GPN:BC006504_1	clone MGC:2400 IMAGE:2821148	27,543	8.34	2	3	4
GPN:BC006512_1	clone MGC:2679 IMAGE:2819663	31,792	9.33	3		
GPN:BC007087_1	upregulated during skeletal muscle growth 5, mRNA	6,453	9.78		3	
GPN:BC007875_1	clone MGC:14138 IMAGE:3948518	21,513	9.36		5	
GPN:BC008212_1	chromosome 9 open reading frame 46, mRNA	17,190	9.58		2	
GPN:BC008700_1	nucleoporin 160kDa, mRNA	26,506	5.23		2	
GPN:BC008905_1	clone MGC:15096 IMAGE:3688068	55,838	4.76		4	
GPN:BC009597_1	basic leucine zipper and W2 domains 2, mRNA	48,132	6.26	2		
GPN:BC009734_1	fuse-binding protein-interacting repressor, mRNA	53,991	5.23	6		
GPN:BC010077_1	nitric oxide synthase interacting protein, mRNA	33,151	9.05	6		
GPN:BC010102_1	hypothetical protein MGC4825, mRNA	22,271	9.18		4	
GPN:BC010457_1	clone IMAGE:4156419	111,807	4.22		6	
GPN:BC010736_1	translocase of inner mitochondrial membrane 50 homolog	39,419	8.56		3	
GPN:BC011017_1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin	46,651	4.85	6	4	
GPN:BC011355_1	general transcription factor IIIC, polypeptide 5, 63kDa, mRNA	59,533	6.47	2		
GPN:BC011596_1	Similar to hypothetical protein FLJ20420, clone MGC:1047 IMAGE:3346346	26,136	8.48		6	
GPN:BC011684_1	p66 alpha, mRNA	52,481	10.40		5	
GPN:BC011709_1	chromosome 6 open reading frame 130, mRNA	17,014	8.55	4		
GPN:BC011719_1	hypothetical protein MGC3222, clone MGC:19834 IMAGE:4079766	44,819	7.23		5	
GPN:BC011981_1	hypothetical protein BC011981, mRNA	33,217	8.20	2		
GPN:BC011993_1	hypothetical protein FLJ12436, mRNA	42,355	6.86		3	
GPN:BC012043_1	hydroxysteroid	34,302	9.34		7	
GPN:BC012306_1	mitochondrial ribosomal protein L17, mRNA	20,038	10.10		2	
GPN:BC012559_1	nucleoporin 54kDa, mRNA	53,921	6.48	2		
GPN:BC012565_1	mitochondrial ribosomal protein L22, mRNA	23,626	9.95		5	
GPN:BC012583_1	ring finger protein 2, mRNA	37,632	6.38			2
GPN:BC013283_1	clone MGC:16507 IMAGE:3959506	61,720	7.01		9	
GPN:BC013587_1	chromosome 10 open reading frame 35, mRNA	13,230	11.50		4	
GPN:BC013889_1	clone MGC:11192 IMAGE:3926178	85,685	9.26			9
GPN:BC013916_1	PEST-containing nuclear protein, mRNA	13,536	7.86	4		
GPN:BC013949_1	Similar to RIKEN cDNA 1810023B24 gene, clone MGC:2704 IMAGE:2820921	25,820	9.54	2		
GPN:BC014046_1	Similar to chromatin-specific transcription elongation factor, 140 kDa subunit	71,952	8.44	6		79
GPN:BC014184_1	paraspeckle component 1, mRNA	45,542	6.19	3		
GPN:BC014545_1	hypothetical protein FLJ12525, mRNA	83,013	4.64		3	
GPN:BC014766_1	repressor of estrogen receptor activity, mRNA	33,276	9.83		13	
GPN:BC014918_1	transforming growth factor beta regulator 4, transcript variant 1, mRNA	70,694	6.98		4	
GPN:BC014987_1	UTP14, U3 small nucleolar ribonucleoprotein, homolog A	87,924	7.67		4	4
GPN:BC015060_1	growth and transformation-dependent protein, mRNA	17,359	9.81		4	
GPN:BC015109_1	mitochondrial ribosomal protein L1, mRNA	34,398	8.48		2	
GPN:BC015408_1	ADP-ribosylation factor-like 10B, mRNA	21,402	7.63		3	
GPN:BC015474_1	tyrosyl-DNA phosphodiesterase 1, mRNA	68,377	7.34	2		
GPN:BC015477_1	helicase, lymphoid-specific, mRNA	36,541	5.43		13	
GPN:BC015584_1	similar to hypothetical protein MGC10966, clone MGC:23286 IMAGE:4637808	75,383	6.32	18		
GPN:BC015693_1	clone IMAGE:4766130	33,957	11.00		3	
GPN:BC015796_1	hypothetical protein FLJ20425, clone MGC:8861 IMAGE:3911275	43,607	9.59			4
GPN:BC015880_1	source of immunodominant MHC-associated peptides, mRNA	26,301	9.72		3	
GPN:BC016353_1	programmed cell death 10, transcript variant 2, mRNA	24,686	7.80	6		
GPN:BC016707_1	hypothetical protein HSPC117, mRNA	55,175	6.77	3	3	
GPN:BC016944_1	cell division cycle associated 8, mRNA	31,290	9.84			3
GPN:BC017393_1	KIAA0261, mRNA	45,532	4.97	3		
GPN:BC017408_1	enoyl Coenzyme A hydratase 1, peroxisomal, mRNA	35,735	8.47		6	
GPN:BC017693_1	hypothetical protein FLJ22349, mRNA	26,544	8.89	3	3	
GPN:BC017709_1	apoptosis inhibitor 5, mRNA	56,735	5.72	4		

Entry Name <sup>a</sup>	Description	MW	pI	NH <sup>b</sup>	NR <sup>b</sup>	NS <sup>b</sup>
GPN:BC017724_1	FIP1 like 1	40,810	4.58	3		
GPN:BC017732_1	spermatid perinuclear RNA binding protein, mRNA	73,606	8.91	4	8	
GPN:BC017734_1	sec1 family domain containing 1, transcript variant 1, mRNA	72,362	5.89		5	
GPN:BC017895_1	chromosome 14 open reading frame 156, mRNA	12,341	10.20		3	
GPN:BC017959_1	hypothetical protein FLJ22555, mRNA	32,524	9.31		2	
GPN:BC018698_1	nuclear matrix protein NMP200 related to splicing factor PRP19, clone MGC	55,146	6.14	8	4	
GPN:BC019069_1	clone MGC:29596 IMAGE:5015644	55,181	10.10		2	11
GPN:BC019104_1	mesenchymal stem cell protein DSCD75, clone MGC:29501 IMAGE:5021156	23,849	9.93		4	
GPN:BC020166_1	hypothetical protein FLJ12443, mRNA	43,550	4.95	3	7	
GPN:BC020599_1	hypothetical protein FLJ23445, clone MGC:22162 IMAGE:4772805	23,039	5.69	2		
GPN:BC020641_1	CGI-115 protein, mRNA	28,955	5.18			3
GPN:BC020832_1	RAB, member of RAS oncogene family-like 3, mRNA	26,291	6.31		2	
GPN:BC021143_1	hypothetical protein BC002942, mRNA	79,648	10.10		4	
GPN:BC021208_1	leucine zipper-EF-hand containing transmembrane protein 1, mRNA	83,302	6.30		12	
GPN:BC021973_1	hypothetical protein FLJ14431, clone MGC:16116 IMAGE:3625459	25,303	9.40		2	
GPN:BC022352_1	calcyclin binding protein, transcript variant 1, mRNA	26,194	8.28	6	5	
GPN:BC022797_1	Mof4 family associated protein 1, mRNA	14,640	4.69	4		
GPN:BC022807_1	30 kDa protein, mRNA	29,932	6.33		3	
GPN:BC023144_1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin,	121,828	8.27		20	14
GPN:BC023247_1	lamina-associated polypeptide 1B, mRNA	52,403	6.82		8	2
GPN:BC023532_1	Similar to WW domain binding protein 11, clone MGC:14187 IMAGE:4122697	69,954	8.28		2	
GPN:BC023588_1	hypothetical protein FLJ20974, clone MGC:22934 IMAGE:4763204	17,829	4.95	3		
GPN:BC024238_1	nucleolar protein interacting with the FHA domain of pKi-67, clone MGC:32926	34,232	9.88			5
GPN:BC024240_1	cytochrome c oxidase subunit Va, clone MGC:33109 IMAGE:4815806	16,752	6.30		3	
GPN:BC025279_1	scaffold attachment factor B2, mRNA	57,160	4.65		4	
GPN:BC026185_1	Similar to CGI-49 protein, clone MGC:33173 IMAGE:4798194	47,190	9.30		3	
GPN:BC026222_1	Similar to SWI/SNF related, matrix associated, actin dependent regulator of chromatin	132,797	5.49	10	34	
GPN:BC026303_1	basic leucine zipper and W2 domains 1, mRNA	48,013	5.75	2		
GPN:BC028396_1	polyhomeotic-like 2	35,795	8.72			3
GPN:BC029482_1	hypothetical protein HSPC152, clone MGC:32879 IMAGE:4737961	14,118	5.36	3		
GPN:BC030129_1	hypothetical protein BC007384, clone IMAGE:3943601, mRNA	31,484	4.89		3	
GPN:BC030652_1	hypothetical protein FLJ20287, clone MGC:33005 IMAGE:5268105	105,475	9.40		3	
GPN:BC031791_1	SPFH domain family, member 1, mRNA	38,901	7.67		6	
GPN:BC032300_1	similar to RIKEN cDNA 1500009M05 gene, mRNA	15,268	9.66		2	
GPN:BC032638_1	methyl-CpG binding domain protein 2, transcript variant 1, mRNA	43,228	10.00	3	2	2
GPN:BC032640_1	MYST histone acetyltransferase 2, mRNA	70,598	9.01			8
GPN:BC032643_1	synaptotagmin binding, cytoplasmic RNA interacting protein, mRNA	58,699	7.17	6	15	10
GPN:BC032797_1	hypothetical protein FLJ32440, mRNA	27,915	7.62		4	
GPN:BC032847_1	exportin 1	123,306	5.71		8	
GPN:BC032893_1	clone MGC:43081 IMAGE:5259721	16,413	4.95		3	
GPN:BC033074_1	suppressor of Ty 6 homolog	70,245	4.55		7	
GPN:BC033113_1	chromosome 17 open reading frame 32, mRNA	23,116	9.09		2	
GPN:BC033299_1	hypothetical protein FLJ22955, mRNA	26,533	9.61		10	
GPN:BC033775_1	coiled-coil-helix-coiled-coil-helix domain containing 4, mRNA	15,986	4.23		2	
GPN:BC033822_1	polynucleotide kinase 3'-phosphatase, mRNA	57,041	8.73	3		
GPN:BC034346_1	nucleoporin 93kDa, mRNA	93,499	5.55	2	30	
GPN:BC034525_1	BRI3 binding protein, mRNA	27,818	9.48		4	
GPN:BC034589_1	KIAA0090 protein, mRNA	111,689	7.38		5	
GPN:BC035744_1	hypothetical protein HSPC129, mRNA	52,966	6.03			6
GPN:BC036187_1	serine/arginine repetitive matrix 1, mRNA	102,227	11.80	4		
GPN:BC036379_1	KIAA0776 protein, clone MGC:33225 IMAGE:5267922	89,540	6.35		9	
GPN:BC036391_1	CUG triplet repeat, RNA binding protein 2, mRNA	55,719	9.17		3	
GPN:BC036744_1	hypothetical protein FLJ11712, mRNA	37,336	9.21	3		
GPN:BC036800_1	hypothetical protein DKFZp547B1713, mRNA	31,403	9.92			3
GPN:BC037428_1	RAVER1, mRNA	63,837	8.79	3		
GPN:BC039256_1	cDNA clone MGC:33757 IMAGE:5295109, complete cds	61,375	7.24	6	7	
GPN:BC039828_1	SMC6 structural maintenance of chromosomes 6-like 1	126,246	6.57		6	
GPN:BC040035_1	mitochondrial ribosomal protein L41, mRNA	15,373	9.59		3	
GPN:BC040185_1	Homo sapiens DEAD	72,358	8.96		2	
GPN:BC040943_1	WAS protein family, member 2, mRNA	54,251	5.38	2		
GPN:BC041098_1	UDP-glucose ceramide glucosyltransferase-like 1, mRNA	174,866	5.40		20	
GPN:BC041361_1	SCC-112 protein, mRNA	68,956	6.64	5		
GPN:BC043619_1	methyl-CpG binding domain protein 3, mRNA	28,995	5.10	4	10	3
GPN:BC045623_1	KIAA0460 protein, mRNA	152,781	6.50		7	
GPN:BC047029_1	nucleoporin 35kDa, mRNA	34,751	9.15		3	
GPN:BC047880_1	mitochondrial isoleucine tRNA synthetase, mRNA	97,930	5.88		3	

Entry Name <sup>a</sup>	Description	MW	pI	NH <sup>b</sup>	NR <sup>b</sup>	NS <sup>b</sup>
GPN:BC048134_1	amine oxidase	81,175	5.91	6	3	
GPN:BC049850_1	chromosome 10 open reading frame 117, mRNA	92,490	9.22		5	2
GPN:BC050528_1	RNA binding motif protein 13, mRNA	35,347	5.27		2	6
GPN:BC050546_1	MYB binding protein	148,780	9.36	9	11	6
GPN:BC050557_1	timeless homolog	138,588	5.28		2	
GPN:BC050674_1	WD repeat domain 58, mRNA	37,511	7.12	3		
GPN:BC051803_1	LEM domain containing 2, mRNA	56,940	9.16		7	
GPN:BC051893_1	zinc finger RNA binding protein, mRNA	70,857	8.94		3	
GPN:BC051913_1	sex comb on midleg-like 2	80,877	8.84		4	
GPN:BC052279_1	hypothetical protein PRO1855, mRNA	34,909	9.61		5	
GPN:BC052604_1	cDNA clone MGC:59900 IMAGE:5934088, complete cds	29,927	9.78			5
GPN:BC052641_1	transmembrane emp24 protein transport domain containing 4, mRNA	25,926	8.41		4	
GPN:BC053660_1	polyribonucleotide nucleotidyltransferase 1, mRNA	85,883	7.87		5	
GPN:BC053908_1	regulator of chromosome condensation 2, mRNA	56,049	9.02	12		
GPN:BC054004_1	septin 9, mRNA	47,439	6.08	14		
GPN:BC056406_1	sarcoma antigen NY-SAR-91, mRNA	21,622	9.32			2
GPN:BC058020_1	ribosomal protein L7-like 1, mRNA	28,571	10.50			3
GPN:BC058912_1	butyrate-induced transcript 1, mRNA	43,132	9.04		10	
GPN:BX640750_1	Homo sapiens mRNA; cDNA DKFZp686K10126	38,460	9.11			2
GPN:BX640786_1	Homo sapiens mRNA; cDNA DKFZp686I0627	117,873	5.57		3	
GPN:BX640952_1	Homo sapiens mRNA; cDNA DKFZp686E20132	102,838	5.14		3	
PIR1:S64732	scaffold attachment factor B	96,704	8.63	3	14	
PIR1:UQHUB	polyubiquitin 3	25,762	6.86	6	19	8
PIR2:A38219	female germline-specific tumor suppressor	48,197	8.73	3		
PIR2:A42184	nuclear mitotic apparatus protein NuMA	236,298	5.72	6	27	18
PIR2:A54857	transcription factor NF-AT 45K chain	44,697	8.26	9	28	9
PIR2:G02919	transcription factor ZFM1	68,439	9.17	8		
PIR2:I38414	transcription factor IIIC, box B-binding chain	238,419	7.24	9		
PIR2:I38968	100 kDa coactivator	99,690	6.62	3	9	
PIR2:JC4525	nucleic acid-binding protein E5	34,188	11.80			6
PIR2:JC4775	interferon-induced double-stranded RNA-activated protein kinase inhibitor - human	57,544	5.83		3	
PIR2:JC5279	translocation protein 1 - human	45,833	6.67		6	
PIR2:JC7168	lens epithelium-derived growth factor	60,128	9.19	10	10	17
PIR2:JC7363	95K retinoblastoma protein-binding protein - human	94,723	5.47	3		
PIR2:JC7599	cisplatin(CDDP) resistance related protein CRR9 - human	59,263	8.64		12	
PIR2:JC7977	membrane-associated prostaglandin E synthase	41,890	9.13		4	
PIR2:JE0291	FB19 protein	99,106	9.14	4		
PIR2:JE0326	peroxin Pex11p isoform, Pex11pbeta	28,431	9.91		2	
PIR2:JW0079	heterogeneous nuclear ribonucleoprotein homolog JKTBP [imported] - human	33,568	6.85		9	7
PIR2:S33377	P63 protein - human	65,754	5.58		5	
PIR2:S43974	p68 protein - human	10,866	5.25	3		
PIR2:S47271	AHNAK-related protein - human	57,607	5.53	3		
PIR2:S49326	putative alpha NAC [Arabidopsis thaliana]	23,370	4.52	2		
PIR2:S49618	helicase-like transcription factor	113,915	8.87		9	
PIR2:S50852	cleavage stimulation factor 77K chain - human	82,869	8.26	10		
PIR2:S57447	HPBR11-7 protein - human	59,173	6.89	7		
PIR2:T00034	hypothetical protein 1	90,200	5.89	4	3	
PIR2:T00059	hypothetical protein 1	136,241	8.52	2		
PIR2:T00074	hypothetical protein KIAA0460 - human	95,576	6.62		2	
PIR2:T00333	hypothetical protein KIAA0560 - human	163,881	5.77		6	
PIR2:T00356	hypothetical protein KIAA0690	134,598	9.00		8	
PIR2:T00372	hypothetical protein KIAA0650 - human	95,696	8.59	11		
PIR2:T00374	hypothetical protein KIAA0648 - human	94,732	8.71	18	7	
PIR2:T02246	attractin family member	38,725	6.40		8	
PIR2:T02632	hypothetical protein DJ1186C01.1	190,926	4.71	6		
PIR2:T03030	hypothetical protein KIAA0365	105,112	6.70		3	
PIR2:T08599	probable transcription factor CA150	123,960	8.77	8		
PIR2:T08661	anti-silencing protein ASF1 homolog DKFZp547E2110	22,954	4.29	2		
PIR2:T08693	hypothetical protein DKFZp564M182	22,959	9.98			20
PIR2:T08694	hypothetical protein DKFZp564O092.1	35,711	9.38			2
PIR2:T08745	probable RNA helicase - human	90,013	7.42	5	3	
PIR2:T08767	probable lamina-associated protein DKFZp586G011	20,058	5.42		6	
PIR2:T08769	hypothetical protein DKFZp586K011	81,391	5.28		24	
PIR2:T09073	splicing factor Sip1 - human	128,797	8.54			4
PIR2:T12456	hypothetical protein DKFZp564M2423.1	42,427	8.43	9		
PIR2:T12471	hypothetical protein DKFZp564E1962.1	32,535	4.93	4	21	

Entry Name <sup>a</sup>	Description	MW	pI	NH <sup>b</sup>	NR <sup>b</sup>	NS <sup>b</sup>
PIR2:T12518	unnamed protein product [Mus musculus]	81,727	4.71	10	7	
PIR2:T12519	hypothetical protein DKFZp434F243.1	27,239	6.11	9		
PIR2:T12528	hypothetical protein DKFZp434N093	83,012	9.42			3
PIR2:T13155	linoleoyl-CoA desaturase	52,226	8.86		4	
PIR2:T13156	KIAA0747 protein - human	119,783	5.65		7	
PIR2:T14790	hypothetical protein DKFZp564P0562	151,994	5.37	3		
PIR2:T17244	hypothetical protein DKFZp586G1517	99,377	6.50		9	
PIR2:T17282	hypothetical protein DKFZp434K2235.1	42,477	5.43	5		
PIR2:T17289	hypothetical protein DKFZp434P1650	46,289	6.59		10	
PIR2:T17316	hypothetical protein DKFZp434L108	64,844	7.80		4	
PIR2:T17320	hypothetical protein DKFZp564J0863	61,929	5.55		10	
PIR2:T34531	hypothetical protein DKFZp434P1215	80,359	5.59			4
PIR2:T42659	hypothetical protein DKFZp434K1815	75,902	8.15	12		
PIR2:T42680	hypothetical protein DKFZp434B1021	49,652	10.40		4	2
PIR2:T46248	hypothetical protein DKFZp761I12121	145,580	6.51	4		
PIR2:T46333	hypothetical protein DKFZp434J1813	53,744	7.65		2	
PIR2:T46334	hypothetical protein DKFZp434L1613	16,488	9.39	2		
PIR2:T46344	hypothetical protein DKFZp434I1614	21,435	9.00	5		
PIR2:T46429	hypothetical protein DKFZp434C0126	34,707	6.16		2	
PIR2:T46440	thaumatin-like protein [Arabidopsis thaliana]	17,993	7.67	2		
PIR2:T46447	hypothetical protein DKFZp434O1328	66,936	6.81		6	
PIR2:T46935	hypothetical protein DKFZp434D199	14,253	8.78		3	
PIR2:T47145	hypothetical protein DKFZp761H087	110,295	8.02	3		
PIR2:T50630	hypothetical protein DKFZp762N0610	36,085	8.76	7		
PIR2:T51878	hypothetical protein DKFZp547D147.1	15,278	10.72		2	
SW:143B_HUMAN	14-3-3 protein beta/alpha	27,934	4.76		2	
SW:143E_HUMAN	14-3-3 protein epsilon	29,155	4.63	3		
SW:143G_HUMAN	14-3-3 protein gamma	28,154	4.80	5		
SW:143T_HUMAN	14-3-3 protein theta	27,747	4.68	4		
SW:143Z_HUMAN	14-3-3 protein zeta/delta	27,728	4.73	5		
SW:2AAA_HUMAN	Serine/threonine protein phosphatase 2A, 65 kDa regulatory subunit A, alpha isoform	65,051	4.96		2	
SW:3MG_HUMAN	DNA-3-methyladenine glycosylase	32,843	9.65	6	2	
SW:4F2_HUMAN	4F2 cell-surface antigen heavy chain	57,909	5.20		9	
SW:6PGD_HUMAN	6-phosphogluconate dehydrogenase, decarboxylating	52,975	6.88	3		
SW:A1B1_HUMAN	Adapter-related protein complex 1 beta 1 subunit	104,540	4.94	2		
SW:A2B1_HUMAN	Adapter-related protein complex 2 beta 1 subunit	104,486	5.22	2		
SW:A32B_HUMAN	acidic (leucine-rich) nuclear phosphoprotein 32 family, member B	28,770	3.94	5		
SW:AAAS_HUMAN	Aladin Adracalin GL003 C nuclear pore	59,536	7.26		12	
SW:AATM_HUMAN	Aspartate aminotransferase, mitochondrial precursor	47,445	9.14		10	
SW:ABD3_HUMAN	ATP-binding cassette, sub-family D, member 3	75,428	9.41		4	
SW:ABE1_HUMAN	RNase L inhibitor-like protein [Sulfolobus acidocaldarius DSM 639]	67,271	8.63	2		
SW:ACDM_HUMAN	Acyl-CoA dehydrogenase, medium-chain specific, mitochondrial precursor	46,559	8.61		2	
SW:ACDV_HUMAN	Acyl-CoA dehydrogenase, very-long-chain specific, mitochondrial precursor	70,346	8.92		8	
SW:ACIN_HUMAN	Apoptotic chromatin condensation inducer in the nucleus	151,796	6.08	2	3	15
SW:ACLY_HUMAN	ATP-citrate synthase	120,748	6.95	10	2	
SW:ACOD_HUMAN	Acyl-CoA desaturase	41,496	9.07		5	
SW:ACON_HUMAN	Aconitate hydratase, mitochondrial precursor; Citrate hydro-lyase	85,372	7.36		10	
SW:ACTA_HUMAN	Actin, aortic smooth muscle	41,982	5.24	5	10	11
SW:ACTB_HUMAN	Actin, cytoplasmic 1	41,710	5.29	14	7	8
SW:ACTZ_HUMAN	Alpha-centractin	42,587	6.19	4		
SW:ACYO_HUMAN	acylphosphatase [Homo sapiens]	11,123	9.30	4		
SW:ADA_HUMAN	Adenosine deaminase	40,739	5.63	2		
SW:ADAS_HUMAN	Alkylidihydroxyacetonephosphate synthase, peroxisomal precursor	72,866	6.99		5	
SW:ADNP_HUMAN	Activity-dependent neuroprotector	123,485	6.97		9	
SW:ADT1_HUMAN	ADP,ATP carrier protein, heart/skeletal muscle isoform T1	32,912	9.78		7	
SW:ADT2_HUMAN	ADP,ATP carrier protein, fibroblast isoform	32,743	9.76		8	
SW:AF32_HUMAN	AFG3-like protein 2	88,428	8.87		6	
SW:AHNK_HUMAN	[Segment 1 of 2] Neuroblast differentiation associated protein AHNAK	312,293	6.29	30	3	
SW:ALFA_HUMAN	Fructose-bisphosphate aldolase A	39,264	8.39	31	6	
SW:ALFC_HUMAN	Fructose-bisphosphate aldolase C	39,300	6.46	9		
SW:AMPL_HUMAN	Cytosol aminopeptidase	52,607	6.29		3	
SW:ANM1_HUMAN	Protein arginine N-methyltransferase 1	41,459	5.31	2		
SW:ANX2_HUMAN	annexin A2 pseudogene 2 [Homo sapiens]	38,449	7.56	3	3	
SW:APE1_HUMAN	CLASS II (DNA LYASE) APURINIC APYRIMIDIC ENDONUCLEASE	35,401	8.42	12	5	
SW:APMA_HUMAN	Adipocyte plasma membrane-associated protein	46,451	5.82		38	
SW:AR1B_HUMAN	Actin-related protein 2/3 complex subunit 1B	40,923	8.68	3		

Entry Name <sup>a</sup>	Description	MW	pI	NH <sup>b</sup>	NR <sup>b</sup>	NS <sup>b</sup>
SW:AR20_HUMAN	Actin-related protein 2/3 complex subunit 4	19,654	8.53	6		
SW:AR34_HUMAN	Actin-related protein 2/3 complex subunit 2	34,311	6.84	6		
SW:ARF1_HUMAN	ADP-ribosylation factor 1	20,553	6.36	4	4	
SW:ARME_HUMAN	unknown [Schistosoma japonicum]	20,244	8.70	4	3	
SW:ARP2_HUMAN	Actin-like protein 2	44,732	6.29	5		
SW:ARP3_HUMAN	Actin-like protein 3	47,341	5.61	3		
SW:ARS2_HUMAN	Arsenite-resistance protein 2	100,604	5.70	3	3	
SW:ART1_HUMAN	Adipocyte-derived leucine aminopeptidase precursor	105,779	5.97		3	
SW:ATA1_HUMAN	Sarcoplasmic/endoplasmic reticulum calcium ATPase 1	110,182	5.07		25	
SW:ATA2_HUMAN	Sarcoplasmic/endoplasmic reticulum calcium ATPase 2	114,683	5.23		38	
SW:ATA3_HUMAN	Sarcoplasmic/endoplasmic reticulum calcium ATPase 3	113,905	5.42		6	
SW:ATPA_HUMAN	ATP synthase alpha chain, mitochondrial precursor	59,714	9.16		106	
SW:ATPB_HUMAN	ATP synthase beta chain, mitochondrial precursor	56,525	5.26		55	
SW:ATPD_HUMAN	ATP synthase delta chain, mitochondrial precursor	17,479	5.38		4	
SW:ATPF_HUMAN	ATP synthase B chain, mitochondrial precursor	28,890	9.37		15	
SW:ATPG_HUMAN	ATP synthase gamma chain, mitochondrial precursor	32,975	9.23		11	
SW:ATPJ_HUMAN	ATP synthase e chain, mitochondrial	7,797	9.35		3	
SW:ATPN_HUMAN	ATP synthase g chain, mitochondrial; ATPase subunit G	11,393	9.65		3	
SW:ATPO_HUMAN	ATP synthase oligomycin sensitivity conferral protein, mitochondrial precursor	23,263	9.97		8	
SW:ATPQ_HUMAN	ATP synthase D chain, mitochondrial; MyO32 protein	18,348	5.22		7	
SW:ATY2_HUMAN	probable cation-transporting atpase 2	132,955	8.46		2	
SW:AURB_HUMAN	Serine/threonine-protein kinase 12	39,256	9.36			3
SW:B53A_HUMAN	ARP1 actin-related protein 1 homolog A, centractin alpha	47,430	5.39	5	9	
SW:BA1A_HUMAN	Bromodomain adjacent to zinc finger domain protein 1A	178,563	6.24	3	3	
SW:BA1B_HUMAN	Bromodomain adjacent to zinc finger domain protein 1B	170,795	8.70		3	33
SW:BA31_HUMAN	B-cell receptor-associated protein 31	27,843	8.44		7	
SW:BAF_HUMAN	Barrier-to-autointegration factor	10,052	5.81		3	5
SW:BAG2_HUMAN	BAG-family molecular chaperone regulator-2	23,757	6.25		3	
SW:BAXA_HUMAN	Apoptosis regulator BAX, membrane isoform alpha	21,171	5.08		4	
SW:BIN4_HUMAN	WD-repeat protein BING4	67,999	9.69			2
SW:BOP1_HUMAN	Ribosome biogenesis protein BOP1	83,577	5.80			19
SW:BP28_HUMAN	protein BAP28 (FLJ10359) [Homo sapiens]	242,201	6.13	9	13	8
SW:BRD3_HUMAN	Bromodomain-containing protein 3	79,492	9.39	3		
SW:BRD4_HUMAN	Bromodomain-containing protein 4	152,124	9.23	7	4	
SW:BUB3_HUMAN	Mitotic checkpoint protein BUB3	37,131	6.36	13		
SW:BYST_HUMAN	Bystin	34,842	9.23			5
SW:C1TC_HUMAN	C-1-tetrahydrofolate synthase, cytoplasmic	101,364	6.94	12		
SW:CA00_HUMAN	Protein CGI-100 precursor	25,988	4.71		5	
SW:CABI_HUMAN	Calcineurin-binding protein Cabin 1	246,195	5.70		3	
SW:CAF8_HUMAN	Chromatin assembly factor 1 subunit B	61,454	7.18	3		
SW:CALM_HUMAN	Calmodulin (CaM)	16,696	4.09	2	2	
SW:CALU_HUMAN	Calumenin precursor	37,084	4.47		3	
SW:CALX_HUMAN	Calnexin precursor	67,526	4.47	5	47	
SW:CAO1_HUMAN	Acyl-coenzyme A oxidase 1, peroxisomal; Palmitoyl-CoA oxidase; AOX; C:peroxisom	74,394	8.35		3	
SW:CAPB_HUMAN	F-actin capping protein beta subunit	31,200	5.36	3		
SW:CATA_HUMAN	Catalase	59,588	6.95		3	
SW:CB80_HUMAN	80 kDa nuclear cap binding protein	91,781	5.99		7	
SW:CBF_HUMAN	CCAAT/enhancer binding protein zeta	114,000	5.19		8	6
SW:CBFB_HUMAN	CCAAT-binding transcription factor subunit B	36,854	8.89	2		
SW:CBP2_HUMAN	Carboxypeptidase A2 precursor	46,411	8.75		6	
SW:CBX1_HUMAN	Chromobox protein homolog 1	21,405	4.85			3
SW:CBX3_HUMAN	Chromobox protein homolog 3	20,810	5.23	7	4	11
SW:CBX5_HUMAN	Chromobox protein homolog 5	22,211	5.71	2	3	21
SW:CBX8_HUMAN	Chromobox protein homolog 8	43,412	9.92			5
SW:CD3D_HUMAN	T-cell surface glycoprotein CD3 delta chain precursor	18,918	5.30		12	
SW:CD3E_HUMAN	T-cell surface glycoprotein CD3 epsilon chain precursor	23,132	6.32	3	25	
SW:CD3G_HUMAN	T-cell surface glycoprotein CD3 gamma chain precursor	20,456	8.60		8	
SW:CD3Z_HUMAN	T-cell surface glycoprotein CD3 zeta chain precursor	18,685	9.28		2	
SW:CD45_HUMAN	Leukocyte common antigen precursor	147,161	5.77		16	
SW:CDC2_HUMAN	Cell division control protein 2 homolog	34,074	8.38	16	4	2
SW:CDK2_HUMAN	Cell division protein kinase 2	33,908	8.80	5		
SW:CEB1_HUMAN	Centaurin beta 1	81,485	7.60	9	5	
SW:CENF_HUMAN	CENP-F kinetochore protein	367,365	5.03		2	
SW:CES5_HUMAN	Cat eye syndrome critical region protein 5 precursor	46,292	8.38		4	
SW:CG48_HUMAN	WD-repeat protein CGI-48	59,066	7.18			3
SW:CG51_HUMAN	OTTHUMP0000028894 [Homo sapiens]	51,929	6.44		3	

Entry Name <sup>a</sup>	Description	MW	pI	NH <sup>b</sup>	NR <sup>b</sup>	NS <sup>b</sup>
SW:CGB1_HUMAN	G2/mitotic-specific cyclin B1	48,306	7.09	3		
SW:CGB7_HUMAN	Protein CGI-117	21,135	9.94			6
SW:CH10_HUMAN	10 kDa heat shock protein, mitochondrial	10,794	8.91	2	11	
SW:CH60_HUMAN	60 kDa heat shock protein, mitochondrial precursor	61,016	5.70	8	244	
SW:CHD3_HUMAN	Chromodomain helicase-DNA-binding protein 3	220,552	7.80	9	11	
SW:CHD4_HUMAN	Chromodomain helicase-DNA-binding protein 4	217,852	5.62	11	58	2
SW:CIRP_HUMAN	Cold-inducible RNA-binding protein	18,637	9.51	2	3	
SW:CISY_HUMAN	Citrate synthase, mitochondrial precursor; C:mitochondrion	51,673	8.13		3	
SW:CKS1_HUMAN	Cyclin-dependent kinases regulatory subunit 1	9,654	8.89	2		
SW:CLH1_HUMAN	Clathrin heavy chain 1	191,492	5.48	10		
SW:CLPP_HUMAN	Putative ATP-dependent Clp protease proteolytic subunit, mitochondrial precursor	30,161	8.26		2	
SW:CN01_HUMAN	Probable ergosterol biosynthetic protein 28	15,854	9.86		3	
SW:CNG6_HUMAN	Protein C14orf166	28,051	6.19	8	3	
SW:CO1A_HUMAN	Coronin-1A (Coronin-like protein p57)	50,994	6.25	15		
SW:COF1_HUMAN	Cofilin-1 (Cofilin, non-muscle isoform)	18,491	8.22	5	4	3
SW:COXJ_HUMAN	Cytochrome c oxidase polypeptide VIIa-liver/heart, mitochondrial precursor	9,390	9.75		2	
SW:CPSA_HUMAN	cleavage and polyadenylation specificity factor-like protein	160,782	5.99	11		
SW:CPT1_HUMAN	Carnitine O-palmitoyltransferase I, mitochondrial liver isoform	88,372	8.85		2	
SW:CPT2_HUMAN	Carnitine O-palmitoyltransferase II, mitochondrial precursor	73,730	8.38		2	
SW:CRN1_HUMAN	Crooked neck-like protein 1	100,516	8.26		3	
SW:CRTC_HUMAN	Calreticulin precursor	48,112	4.29	11	61	
SW:CSE1_HUMAN	Importin-alpha re-exporter	110,255	5.59		4	
SW:CSL4_HUMAN	hypothetical protein DDB0186485 [Dictyostelium discoideum]	21,438	8.51	4		
SW:CST1_HUMAN	Cleavage stimulation factor, 50 kDa subunit	48,327	6.12	2		
SW:CST2_HUMAN	cleavage stimulation factor, 64 kDa subunit	60,959	6.36	2		
SW:CT20_HUMAN	C20orf20 [Homo sapiens]	22,403	5.57	2		
SW:CT43_HUMAN	Protein C20orf43	33,833	8.87	3		
SW:CT77_HUMAN	Protein C20orf77	36,877	5.73		5	
SW:CTOG_HUMAN	CH-TOG protein	225,365	8.03	33	6	
SW:CU4A_HUMAN	Cullin homolog 4A	76,772	6.73		6	
SW:CUL1_HUMAN	Cullin-1 (CUL-1)	89,622	8.19	2		
SW:CV19_HUMAN	PK1.3 [Homo sapiens]	78,486	6.41	6		
SW:CX41_HUMAN	Cytochrome c oxidase subunit IV isoform 1, mitochondrial precursor	19,564	9.52		4	
SW:CYB5_HUMAN	Cytochrome b5	15,189	4.88		3	
SW:CYC_HUMAN	Cytochrome c.	11,610	9.59	7	2	
SW:CYM5_HUMAN	Cytochrome b5 outer mitochondrial membrane isoform precursor	16,322	4.78		5	
SW:D3HI_HUMAN	3-hydroxyisobutyrate dehydrogenase, mitochondrial precursor	35,306	8.38		4	
SW:DAPT_HUMAN	Dihydroxyacetone phosphate acyltransferase	77,138	6.16		3	
SW:DB83_HUMAN	FLJ10525 [Homo sapiens]	27,960	9.76	5	7	
SW:DBPA_HUMAN	DNA-binding protein A	40,036	9.77		2	2
SW:DD10_HUMAN	Probable ATP-dependent RNA helicase DDX10	100,753	8.72			2
SW:DD15_HUMAN	Putative pre-mRNA splicing factor RNA helicase	90,875	7.12		34	6
SW:DD17_HUMAN	Probable RNA-dependent helicase p72	72,326	8.82	30	18	13
SW:DD18_HUMAN	ATP-dependent RNA helicase DDX18	75,360	9.52	3	2	24
SW:DD21_HUMAN	Nucleolar RNA helicase II	79,607	9.42	6	3	22
SW:DD24_HUMAN	ATP-dependent RNA helicase DDX24	96,271	9.14			2
SW:DD48_HUMAN	Probable ATP-dependent helicase DDX48	46,841	6.30	5	11	7
SW:DDB1_HUMAN	DNA damage binding protein 1	126,887	5.14		13	6
SW:DDB2_HUMAN	DNA damage binding protein 2	47,833	9.56	2		
SW:DDX1_HUMAN	ATP-dependent helicase DDX1	82,380	6.80	5		
SW:DDX3_HUMAN	DEAD-box protein 3, X-chromosomal	73,067	6.73	10	7	6
SW:DDX5_HUMAN	Probable RNA-dependent helicase p68	69,105	9.06	7	5	5
SW:DDX6_HUMAN	Probable ATP-dependent RNA helicase p54	54,383	8.75		2	
SW:DEK_HUMAN	DEK protein.	42,648	8.69	9	6	6
SW:DENR_HUMAN	Density-regulated protein	22,078	5.21	5		
SW:DESM_HUMAN	Desmin.	53,372	5.21	2	5	
SW:DHB4_HUMAN	Peroxisomal multifunctional enzyme type 2	79,636	8.96		7	
SW:DHC7_HUMAN	7-dehydrocholesterol reductase	54,454	8.95		7	
SW:DHCR_HUMAN	24-dehydrocholesterol reductase precursor	60,062	8.42		3	
SW:DHE3_HUMAN	Glutamate dehydrogenase 1, mitochondrial precursor	61,359	7.66		6	
SW:DHSA_HUMAN	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor	72,645	7.06		10	
SW:DHSA_HUMAN	Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor	31,609	9.03		4	
SW:DHX9_HUMAN	ATP-dependent RNA helicase A	140,788	6.35	9	28	14
SW:DIA2_HUMAN	Diaphanous protein homolog 2	125,490	6.20	3		
SW:DIL2_HUMAN	C20orf1 [Homo sapiens]	85,600	9.29	3	6	11
SW:DJA1_HUMAN	DnaJ homolog subfamily A member 1	44,840	6.65	3	3	



Entry Name <sup>a</sup>	Description	MW	pI	NH <sup>b</sup>	NR <sup>b</sup>	NS <sup>b</sup>
SW:DJA2_HUMAN	DnaJ homolog subfamily A member 2	45,717	6.06	2		
SW:DJB1_HUMAN	DnaJ homolog subfamily B member 1	38,020	8.74	3		
SW:DJBB_HUMAN	DnaJ homolog subfamily B member 11 precursor	40,489	5.81		7	
SW:DJC8_HUMAN	DnaJ homolog subfamily C member 8	30,968	9.15	3		
SW:DKC1_HUMAN	H/ACA ribonucleoprotein complex subunit 4	57,638	9.46	4		14
SW:DLDH_HUMAN	Dihydrolipoyl dehydrogenase, mitochondrial precursor; Dihydrolipoamide dehydrogenase	54,116	7.59		29	
SW:DM3A_HUMAN	DNA (cytosine-5)-methyltransferase 3A	101,494	6.19		3	
SW:DNL3_HUMAN	DNA ligase III	102,625	9.03	10		
SW:DNM1_HUMAN	DNA (cytosine-5)-methyltransferase 1	183,049	7.99	34	6	
SW:DP1_HUMAN	Polyposis locus protein 1	21,119	8.25		4	
SW:DP30_HUMAN	Dpy-30-like protein	11,243	4.84		2	
SW:DPM1_HUMAN	Dolichol-phosphate mannosyltransferase	29,616	9.57		4	
SW:DRG1_HUMAN	Developmentally regulated GTP-binding protein 1	40,517	9.00	7		
SW:DR1_HUMAN	AT-rich interactive domain-containing protein 3A	62,850	4.84	2		
SW:DSRA_HUMAN	Double-stranded RNA-specific adenosine deaminase	135,882	8.82	5	24	
SW:DYHC_HUMAN	Dynein heavy chain, cytosolic	526,953	6.07	69		
SW:DYLN_HUMAN	t-complex-associated-testis-expressed 1-like 1 [Homo sapiens]	12,444	5.00	5		
SW:DYN2_HUMAN	Dynamin-2	97,957	7.04	6		
SW:E2BA_HUMAN	Translation initiation factor eIF-2B alpha subunit	33,691	6.91	2		
SW:E2BB_HUMAN	Translation initiation factor eIF-2B beta subunit	38,965	5.77	2		
SW:EBP2_HUMAN	Probable rRNA processing protein EBP2	34,798	10.10			9
SW:ECHA_HUMAN	Trifunctional enzyme alpha subunit, mitochondrial precursor	82,947	9.16		35	
SW:ECHB_HUMAN	Trifunctional enzyme beta subunit, mitochondrial precursor	51,363	9.45		11	
SW:ECHM_HUMAN	Enoyl-CoA hydratase, mitochondrial precursor	31,351	8.34		2	
SW:EF11_HUMAN	Elongation factor 1-alpha 1	50,109	9.10	212	8	4
SW:EF1B_HUMAN	Elongation factor 1-beta	24,617	4.50	49	7	
SW:EF1D_HUMAN	Elongation factor 1-delta	31,103	4.90	29	4	
SW:EF1G_HUMAN	Elongation factor 1-gamma	50,087	6.25	47	12	
SW:EF2_HUMAN	Elongation factor 2	95,146	6.42	2	3	2
SW:EFG1_HUMAN	Elongation factor G 1, mitochondrial precursor; mEF-G 1; Elongation factor G1	83,452	6.58		5	
SW:EFTU_HUMAN	Elongation factor Tu, mitochondrial precursor; EF-Tu; P43; C:mitochondrion	49,510	7.26		6	
SW:ELM1_HUMAN	Engulfment and cell motility protein 1	83,776	5.89	4		
SW:ELV1_HUMAN	ELAV (embryonic lethal, abnormal vision, Drosophila)-like 2	36,069	9.23	8	14	22
SW:EMD_HUMAN	Emerin	28,976	5.29		10	4
SW:ENOA_HUMAN	Alpha enolase (2-phospho-D-glycerate hydro-lyase)	47,008	6.99	3		
SW:ENPL_HUMAN	Endoplasmic precursor	92,411	4.76	6	96	
SW:ER25_HUMAN	C-4 methyl sterol oxidase	35,193	6.75		6	
SW:ER29_HUMAN	Endoplasmic reticulum protein ERp29 precursor	28,975	6.77		4	
SW:ER53_HUMAN	ERGIC-53 protein precursor; ER-Golgi intermediate compartment 53 kDa protein	57,513	6.30		13	
SW:ERG7_HUMAN	Lanosterol synthase; Oxidosqualene-lanosterol cyclase	83,255	6.16		4	
SW:ES1_HUMAN	ES1 protein homolog, mitochondrial precursor	28,125	8.50		4	
SW:ETFA_HUMAN	Electron transfer flavoprotein alpha-subunit, mitochondrial precursor	35,058	8.62		5	
SW:ETFB_HUMAN	Electron transfer flavoprotein beta-subunit	27,826	8.25		4	
SW:EZR1_HUMAN	Ezrin (p81) (Cytovillin)	69,225	5.95	13		
SW:FAC1_HUMAN	CAAX prenyl protease 1 homolog	54,778	7.11		11	
SW:FALZ_HUMAN	Fetal Alzheimer antigen	91,743	4.67	2		
SW:FBRL_HUMAN	Fibrillarin (34 kDa nucleolar scleroderma antigen)	33,763	10.10	3	7	6
SW:FDFT_HUMAN	Farnesyl-diphosphate farnesyltransferase	48,084	6.10		20	
SW:FEN1_HUMAN	Flap endonuclease-1	42,566	8.80	6		
SW:FK11_HUMAN	FK506 binding protein 11 precursor	22,166	9.44		5	
SW:FKB2_HUMAN	FK506-binding protein 2 precursor	15,639	9.24		3	
SW:FKB3_HUMAN	FK506-binding protein 3	25,161	9.29	3		
SW:FKB7_HUMAN	FK506-binding protein 7 precursor	29,990	6.09		2	
SW:FKB8_HUMAN	38 kDa FK-506 binding protein homolog	38,384	7.60		3	
SW:FLNA_HUMAN	Filamin A (Alpha-filamin)	280,583	5.73	14		
SW:FUMH_HUMAN	Fumarate hydratase, mitochondrial precursor; Fumarase; C:mitochondrion	54,602	8.85		6	
SW:FUS_HUMAN	RNA-binding protein FUS	53,394	9.40	13		6
SW:G10_HUMAN	G10 protein homolog	16,989	9.10	3		
SW:G19P_HUMAN	unknown [Saccharomyces cerevisiae]	59,259	4.34	6	32	
SW:G252_HUMAN	Glycoprotein 25L2 precursor	25,089	6.67		7	
SW:G3BP_HUMAN	Ras-GTPase-activating protein binding protein 1	52,132	5.36	2		
SW:G3P1_HUMAN	Glyceraldehyde-3-phosphate dehydrogenase, muscle	35,853	6.60	10	5	
SW:G3P2_HUMAN	Glyceraldehyde-3-phosphate dehydrogenase, liver	35,899	8.58	314	15	2
SW:GBLP_HUMAN	Guanine nucleotide-binding protein beta subunit 2-like 1	35,055	7.60	9		
SW:GCS1_HUMAN	Mannosyl-oligosaccharide glucosidase	91,851	8.97		16	
SW:GDIS_HUMAN	Rho GDP-dissociation inhibitor 2	22,974	5.10	4		2

Entry Name <sup>a</sup>	Description	MW	pI	NH <sup>b</sup>	NR <sup>b</sup>	NS <sup>b</sup>
SW:GLG1_HUMAN	Golgi apparatus protein 1 precursor	134,504	6.53		5	
SW:GLYM_HUMAN	Serine hydroxymethyltransferase, mitochondrial precursor	55,958	8.76		14	
SW:GPI8_HUMAN	GPI-anchor transamidase precursor; GPI transamidase	45,223	5.76		14	
SW:GR75_HUMAN	HSP70-LIKE PROTEIN	73,635	5.87	4	44	6
SW:GR78_HUMAN	78 kDa glucose-regulated protein precursor	72,288	5.07	14	129	7
SW:GRE1_HUMAN	GrpE protein homolog 1, mitochondrial precursor; Mt-GrpE#1	24,264	8.24		4	
SW:GRWD_HUMAN	Glutamate-rich WD-repeat protein 1	49,388	4.82		2	2
SW:GSN2_HUMAN	Synaptic glycoprotein SC2	36,011	9.50	6	15	
SW:GSR2_HUMAN	Glioma tumor suppressor candidate region gene 2 protein	54,385	10.30			5
SW:GTFI_HUMAN	General transcription factor II-I	112,346	6.09		2	
SW:GTK1_HUMAN	Glutathione S-transferase kappa 1	25,349	8.53		3	
SW:H105_HUMAN	Heat-shock protein 105 kDa	96,804	5.28		2	
SW:H11_HUMAN	Histone H1.1.	21,698	10.90	11		73
SW:H12_HUMAN	Histone H1.2 (Histone H1d)	21,221	10.90	4	7	47
SW:H15_HUMAN	Histone H1.5 (Histone H1a)	22,435	10.90	12	6	74
SW:H1X_HUMAN	Histone H1x.	22,474	10.70	3	2	5
SW:H2AA_HUMAN	Histone H2A.a (H2A/a)	13,996	11.00	5	19	44
SW:H2AC_HUMAN	Histone H2A.c/d/i/n/p	13,952	10.90			3
SW:H2AY_HUMAN	Core histone macro-H2A	39,445	9.80			12
SW:H2AZ_HUMAN	Histone H2A.z (H2A/z)	13,414	10.50	3	6	18
SW:H2BA_HUMAN	Histone H2B.a/g/h/k/l	13,767	10.30	3	14	44
SW:H31_HUMAN	Histone H3.1 (H3/a)	15,263	11.10		9	
SW:H4_HUMAN	Histone H4.	11,229	11.30	9	36	150
SW:HBA_HUMAN	Hemoglobin alpha chain	15,117	8.73		4	3
SW:HC66_HUMAN	Hepatocellular carcinoma-associated antigen 66	70,177	7.19			8
SW:HCC1_HUMAN	Nuclear protein Hcc-1	23,656	6.10	6	4	
SW:HCD2_HUMAN	3-hydroxyacyl-CoA dehydrogenase type II	26,906	7.65		8	
SW:HCDH_HUMAN	Short chain 3-hydroxyacyl-CoA dehydrogenase, mitochondrial precursor	34,256	8.88	3	7	
SW:HDA1_HUMAN	Histone deacetylase 1	55,068	5.31	11	10	8
SW:HDA2_HUMAN	Histone deacetylase 2	55,290	5.52	4	4	
SW:HE47_HUMAN	Spliceosome RNA helicase BAT1	48,960	5.44	6	5	
SW:HEXA_HUMAN	Beta-hexosaminidase alpha chain precursor	60,650	5.04		2	
SW:HEXB_HUMAN	Beta-hexosaminidase beta chain precursor	63,071	6.29		3	
SW:HFC1_HUMAN	Host cell factor	208,710	7.49	19	2	
SW:HM13_HUMAN	Minor histocompatibility antigen H13	41,462	6.00		2	
SW:HM1X_HUMAN	high-mobility group box 1 [Homo sapiens]	24,203	6.99	19	6	
SW:HM4L_HUMAN	high-mobility group box 1 [Homo sapiens]	20,840	8.45	9		
SW:HMG1_HUMAN	High mobility group protein 1	24,747	5.62	10	4	
SW:HMG2_HUMAN	High mobility group protein 2	23,888	7.77	22	13	7
SW:HO2_HUMAN	Heme oxygenase 2	36,010	5.31		9	
SW:HS72_HUMAN	Heat shock-related 70 kDa protein 2	69,978	5.56	11	5	14
SW:HS7C_HUMAN	Heat shock cognate 71 kDa protein	70,854	5.37	51	54	6
SW:HS9A_HUMAN	Heat shock protein HSP 90-alpha	84,490	4.94	10	12	15
SW:HS9B_HUMAN	Heat shock protein HSP 90-beta	83,081	4.97		7	3
SW:HXX1_HUMAN	Hexokinase, type I; HK I; Brain form hexokinase; F:hexokinase activity	102,437	6.44		6	
SW:ICT1_HUMAN	Immature colon carcinoma transcript 1	23,615	10.00		3	
SW:IDHB_HUMAN	Isocitrate dehydrogenase [NAD] subunit beta, mitochondrial precursor	42,185	8.64		3	
SW:IDHP_HUMAN	Isocitrate dehydrogenase [NADP], mitochondrial precursor	50,877	8.88		15	
SW:IF16_HUMAN	Gamma-interferon-inducible protein Ii-16	88,218	9.36	24		
SW:IF2A_HUMAN	Eukaryotic translation initiation factor 2 subunit 1	35,958	5.02	16		
SW:IF2B_HUMAN	Eukaryotic translation initiation factor 2 subunit 2	38,364	5.60	7		
SW:IF2G_HUMAN	Eukaryotic translation initiation factor 2 subunit 3	50,946	8.66	5		
SW:IF2P_HUMAN	Eukaryotic translation initiation factor 5B	138,715	5.37	3		
SW:IF41_HUMAN	Eukaryotic initiation factor 4A-I	46,125	5.32	4		4
SW:IF5A_HUMAN	Eukaryotic translation initiation factor 5A	16,690	5.08	6		
SW:IF6_HUMAN	Eukaryotic translation initiation factor 6	26,582	4.56			8
SW:IKAR_HUMAN	DNA-binding protein Ikaros	57,491	6.12	9		
SW:ILF3_HUMAN	Interleukin enhancer-binding factor 3	95,325	8.83	27	45	30
SW:IM44_HUMAN	Import inner membrane translocase subunit TIM44, mitochondrial precursor	51,324	8.51		12	
SW:IMA2_HUMAN	Importin alpha-2 subunit	57,826	5.25	3	7	4
SW:IMB1_HUMAN	Importin beta-1 subunit	97,108	4.68	7	26	
SW:ITA4_HUMAN	Integrin alpha-4 precursor	115,260	5.95		3	
SW:ITB2_HUMAN	Integrin beta-2 precursor	84,735	6.69		15	
SW:IVD_HUMAN	Isovaleryl-CoA dehydrogenase, mitochondrial precursor	46,290	8.45		2	
SW:K020_HUMAN	Protein KIAA0020	57,427	8.90			5
SW:K052_HUMAN	Superkiller viralicidic activity 2-like 2	118,181	6.19	2	7	

Entry Name <sup>a</sup>	Description	MW	pI	NH <sup>b</sup>	NR <sup>b</sup>	NS <sup>b</sup>
SW:K103_HUMAN	Keratin-associated protein 10-3	34,811	6.15		8	
SW:K117_HUMAN	novel protein KIAA0117 [Homo sapiens]	48,535	10.10	2		4
SW:K179_HUMAN	Protein KIAA0179	84,359	9.77		3	13
SW:K1M5_HUMAN	keratin, type i cuticular ha5 (hair keratin, type i ha5).	47,597	4.75			2
SW:K6PP_HUMAN	6-phosphofructokinase, type C	85,542	7.50	3		
SW:KF22_HUMAN	Kinesin-like protein KIF22	73,217	9.50	3		
SW:KF2C_HUMAN	Kinesin-like protein KIF2C	81,261	8.03	5		
SW:KF4A_HUMAN	Chromosome-associated kinesin KIF4A	139,821	5.99	5		
SW:KFC1_HUMAN	Kinesin-like protein KIFC1	73,702	9.15	10		
SW:KG09_HUMAN	N-acetyltransferase-like protein	115,631	8.50	5	7	
SW:KPY1_HUMAN	Pyruvate kinase, isozymes M1/M2	57,769	7.95	12		
SW:KU70_HUMAN	ATP-dependent DNA helicase II, 70 kDa subunit	69,668	6.23	22	30	5
SW:KU86_HUMAN	ATP-dependent DNA helicase II, 80 kDa subunit	82,521	5.55	8	21	4
SW:LAM1_HUMAN	Lamin B1.	66,237	5.11	8	154	2
SW:LAM2_HUMAN	Lamin B2	67,648	5.29		47	
SW:LAMA_HUMAN	Lamin A/C	74,095	6.57		6	
SW:LBR_HUMAN	Lamin B receptor	70,658	9.41		40	
SW:LCB1_HUMAN	Serine palmitoyltransferase 1	52,711	5.72		2	
SW:LCFC_HUMAN	Long-chain-fatty-acid--CoA ligase 3	80,294	8.65		4	
SW:LCK_HUMAN	Proto-oncogene tyrosine-protein kinase LCK	57,833	5.23		3	
SW:LDHA_HUMAN	L-lactate dehydrogenase A chain	36,534	8.46		3	
SW:LDHB_HUMAN	L-lactate dehydrogenase B chain	36,484	5.72		2	
SW:LONM_HUMAN	Lon protease homolog, mitochondrial precursor	106,423	6.01		13	
SW:LPRC_HUMAN	130 kDa leucine-rich protein	145,109	5.49		53	
SW:LSM2_HUMAN	U6 snRNA-associated Sm-like protein LSM2	10,828	6.05	5	5	
SW:LSM4_HUMAN	U6 snRNA-associated Sm-like protein LSM4	15,340	10.00	2		
SW:LSM6_HUMAN	U6 snRNA-associated Sm-like protein LSM6	9,122	9.61	5		
SW:LSM8_HUMAN	U6 snRNA-associated Sm-like protein LSM8	10,265	4.34	2		
SW:M2OM_HUMAN	Mitochondrial 2-oxoglutarate/malate carrier protein	33,909	9.92		4	
SW:MA32_HUMAN	Complement component 1, Q subcomponent binding protein	31,343	4.74		11	4
SW:MACF_HUMAN	Microtubule-actin crosslinking factor 1, isoforms 1/2/3/5	619,980	5.26		2	
SW:MAE1_HUMAN	MAPRE1 [Homo sapiens]	29,980	5.02	4		
SW:MAGM_HUMAN	Mitochondria-associated granulocyte macrophage CSF signaling molecule	13,816	9.69		3	
SW:MAN1_HUMAN	Inner nuclear membrane protein Man1	99,935	7.32		6	
SW:MAOM_HUMAN	NAD-dependent malic enzyme, mitochondrial precursor	65,402	7.52		10	
SW:MAP4_HUMAN	Microtubule-associated protein 4	120,944	5.32	16		
SW:MAT3_HUMAN	Matrin 3.	94,565	5.87	13	32	25
SW:MCM2_HUMAN	DNA replication licensing factor MCM2	100,863	5.39	5	5	
SW:MCM3_HUMAN	DNA replication licensing factor MCM3	90,924	5.53	4		
SW:MCM4_HUMAN	DNA replication licensing factor MCM4	96,551	6.28	2		
SW:MCM6_HUMAN	DNA replication licensing factor MCM6	92,831	5.29		2	
SW:MCM7_HUMAN	DNA replication licensing factor MCM7	81,257	6.08	3		
SW:MD29_HUMAN	Uncharacterized hematopoietic stem/progenitor cells protein MDS029	12,191	9.20		3	
SW:MDC2_HUMAN	MAM domain containing protein 2 precursor	26,060	7.60		2	
SW:MDHM_HUMAN	Malate dehydrogenase, mitochondrial precursor	35,509	8.92	6	19	
SW:MEC2_HUMAN	Methyl-CpG-binding protein 2	52,409	9.95			5
SW:MEM1_HUMAN	Membrane-associated protein HEM-1	128,133	6.45	3		
SW:MG15_HUMAN	Mortality factor 4-like protein 1	37,207	9.21	8	4	
SW:MGMT_HUMAN	Methylated-DNA--protein-cysteine methyltransferase	21,632	8.28	3		
SW:MGN_HUMAN	Mago nashi protein homolog	17,153	5.74	3	7	2
SW:MLEN_HUMAN	Myosin light polypeptide 6	16,788	4.56	10	2	3
SW:MLRM_HUMAN	Myosin regulatory light chain 2, nonsarcomeric	19,650	4.67	2	2	2
SW:MOES_HUMAN	Moesin (Membrane-organizing extension spike protein)	67,647	6.09	12		
SW:MP10_HUMAN	U3 small nucleolar ribonucleoprotein protein MPP10	78,816	4.77			6
SW:MTA1_HUMAN	Metastasis-associated protein MTA1	80,737	9.39	2	21	
SW:MTA2_HUMAN	Metastasis-associated protein MTA2	74,976	9.70	12	18	2
SW:MTDC_HUMAN	Bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase,	37,297	8.86		2	
SW:MTX2_HUMAN	Metaxin 2	29,744	5.90		3	
SW:MUTA_HUMAN	Methylmalonyl-CoA mutase, mitochondrial precursor; MCM; C:mitochondrion	83,049	6.40		2	
SW:MYH9_HUMAN	Myosin-9 (Myosin heavy chain, nonmuscle IIa)	226,391	5.50	41	47	
SW:MYHA_HUMAN	Myosin-10 (Myosin heavy chain, nonmuscle IIb)	228,797	5.44	9	2	
SW:N107_HUMAN	Nuclear pore complex protein Nup107	106,307	5.28		29	
SW:N153_HUMAN	Nuclear pore complex protein Nup153	153,793	8.94		15	
SW:N155_HUMAN	Nuclear pore complex protein Nup155	155,100	5.78		32	
SW:N160_HUMAN	Nuclear pore complex protein Nup160	148,905	5.41		14	
SW:N214_HUMAN	Nuclear pore complex protein Nup214	213,633	6.99		7	

Entry Name <sup>a</sup>	Description	MW	pI	NH <sup>b</sup>	NR <sup>b</sup>	NS <sup>b</sup>
SW:N4BM_HUMAN	NADH-ubiquinone oxidoreductase subunit B14	14,178	9.04		2	
SW:NB2M_HUMAN	NADH-ubiquinone oxidoreductase B12 subunit	11,264	9.19		2	
SW:NB4M_HUMAN	NADH-ubiquinone oxidoreductase B14 subunit	14,996	9.99		3	
SW:NB5M_HUMAN	NADH-ubiquinone oxidoreductase B15 subunit	15,068	9.85		4	
SW:NB6M_HUMAN	NADH-ubiquinone oxidoreductase B16	16,557	8.24		2	
SW:NC5R_HUMAN	NADH-cytochrome b5 reductase, putative [Trypanosoma brucei]	34,082	7.31	2	10	
SW:NCO5_HUMAN	Nuclear receptor coactivator 5	65,497	9.62	3		
SW:NCPR_HUMAN	NADPH--cytochrome P450 reductase	76,510	5.38		7	
SW:NDKA_HUMAN	Nucleoside diphosphate kinase A	17,138	5.83	4		
SW:NEP1_HUMAN	Probable ribosome biogenesis protein NEP1	26,703	9.28	3		
SW:NISM_HUMAN	NADH-ubiquinone oxidoreductase SGDH subunit, mitochondrial precursor; EC 1	21,737	9.62		3	
SW:NLTP_HUMAN	Nonspecific lipid-transfer protein, mitochondrial precursor	58,956	6.44		4	
SW:NNP1_HUMAN	NNP-1 protein	52,807	9.39			6
SW:NNTM_HUMAN	NAD(P) transhydrogenase, mitochondrial precursor	113,823	8.31		9	
SW:NO56_HUMAN	NOL5A [Homo sapiens]	66,195	9.21	3	19	28
SW:NOC4_HUMAN	Neighbor of COX4	23,758	5.92		6	
SW:NOG1_HUMAN	Nucleolar GTP-binding protein 1	73,787	9.52			7
SW:NOL1_HUMAN	Proliferating-cell nucleolar antigen p120	94,020	9.21	5		12
SW:NOP5_HUMAN	Nucleolar protein NOP5	59,541	9.03		9	24
SW:NP14_HUMAN	Nucleolar phosphoprotein p130	73,677	9.48	2		4
SW:NPM_HUMAN	Nucleophosmin (NPM)	32,555	4.64	44	14	88
SW:NPS1_HUMAN	NipSnap1 protein	33,289	9.35		5	
SW:NPS2_HUMAN	NipSnap2 protein	33,721	9.42		2	
SW:NR54_HUMAN	Non-POU domain-containing octamer-binding protein	54,066	9.01	22	2	
SW:NSDL_HUMAN	NAD(P)-dependent steroid dehydrogenase	41,874	8.16		4	
SW:NSF_HUMAN	Vesicle-fusing ATPase	82,602	6.38		2	
SW:NU43_HUMAN	Nucleoporin Nup43	42,124	5.31		5	
SW:NU50_HUMAN	Nucleoporin 50 kDa	50,113	6.64		14	
SW:NU62_HUMAN	novel protein [Homo sapiens]	53,237	5.21	3	3	
SW:NU88_HUMAN	Nuclear pore complex protein Nup88	83,489	5.47		7	
SW:NU98_HUMAN	Nuclear pore complex protein Nup98-Nup96 precursor [Contains	187,672	5.92	3	24	
SW:NUAM_HUMAN	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor; EC 1	79,465	5.89		5	
SW:NUCL_HUMAN	Nucleolin (Protein C23)	76,167	4.59	24	12	68
SW:NUCM_HUMAN	NADH-ubiquinone oxidoreductase 49 kDa subunit, mitochondrial precursor; EC 1	52,512	7.21		2	
SW:NUEM_HUMAN	NADH-ubiquinone oxidoreductase 39 kDa subunit, mitochondrial precursor; EC 1	42,483	9.81		2	
SW:NUGM_HUMAN	NADH-ubiquinone oxidoreductase 30 kDa subunit, mitochondrial precursor; EC 1	30,223	6.98		5	
SW:NUHM_HUMAN	NADH-ubiquinone oxidoreductase 24 kDa subunit, mitochondrial precursor; EC 1	27,374	8.22		2	
SW:NUP1_HUMAN	Nucleoporin p58/p45	60,860	9.36		3	
SW:NUPM_HUMAN	NADH-ubiquinone oxidoreductase 19 kDa subunit	19,961	7.93		3	
SW:OAT_HUMAN	Ornithine aminotransferase, mitochondrial precursor	48,504	6.57		4	
SW:ODO1_HUMAN	2-oxoglutarate dehydrogenase E1 component, mitochondrial precursor	113,403	6.62		3	
SW:ODP2_HUMAN	Dihydropolyllysine-residue acetyltransferase component of pyruvate dehydrogenase	65,739	5.79		3	
SW:ODPA_HUMAN	Pyruvate dehydrogenase E1 component alpha subunit, somatic form, mitochondrial p	43,268	8.35		5	
SW:ODPB_HUMAN	Pyruvate dehydrogenase E1 component beta subunit, mitochondrial precursor	39,194	6.20		4	
SW:OM22_HUMAN	Mitochondrial import receptor subunit TOM22 homolog	15,512	4.27		10	
SW:OM40_HUMAN	Probable mitochondrial import receptor subunit TOM40 homolog	37,869	6.79		4	
SW:OM70_HUMAN	Mitochondrial precursor proteins import receptor	67,412	6.75		3	
SW:ORC2_HUMAN	Origin recognition complex subunit 2	65,931	6.07	3		
SW:ORC3_HUMAN	Origin recognition complex subunit 3	82,202	7.54	5		
SW:ORC4_HUMAN	Origin recognition complex subunit 4	50,318	8.08	2		
SW:ORC6_HUMAN	Origin recognition complex subunit 6	28,089	8.91	3		
SW:ORP8_HUMAN	Oxysterol binding protein-related protein 8	101,132	6.52		4	
SW:OST4_HUMAN	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit precu	48,779	5.43		40	
SW:OXRP_HUMAN	150 kDa oxygen-regulated protein precursor	111,266	5.16	2	44	
SW:P121_HUMAN	Nuclear envelope pore membrane protein POM 121	125,012	10.30		8	
SW:P24_HUMAN	Cop-coated vesicle membrane protein p24 precursor	22,746	5.08		7	
SW:P2G4_HUMAN	Proliferation-associated protein 2G4	43,759	6.13	9		
SW:P4H1_HUMAN	Prolyl 4-hydroxylase alpha-1 subunit precursor; 4-PH alpha-1	61,011	5.70		3	
SW:P531_HUMAN	Tumor suppressor p53-binding protein 1	213,441	4.62		6	
SW:P5CS_HUMAN	Delta 1-pyrroline-5-carboxylate synthetase	87,248	6.66		22	
SW:PAB1_HUMAN	chromosome 20 open reading frame 119 [Homo sapiens]	70,626	9.52	3	4	
SW:PCB1_HUMAN	Poly(rC)-binding protein 1	37,502	6.66	7	3	
SW:PCB2_HUMAN	Poly(rC)-binding protein 2	38,556	6.33	10	5	
SW:PCD8_HUMAN	Programmed cell death protein 8, mitochondrial precursor	66,859	9.04		4	
SW:PCL1_HUMAN	Prenylcysteine oxidase precursor	56,613	5.85		6	
SW:PCNA_HUMAN	Proliferating cell nuclear antigen	28,750	4.57	5	34	2

Entry Name <sup>a</sup>	Description	MW	pI	NH <sup>b</sup>	NR <sup>b</sup>	NS <sup>b</sup>
SW:PDA3_HUMAN	protein disulfide isomerase [Homo sapiens]	56,747	5.98	3	35	
SW:PDA4_HUMAN	protein disulfide isomerase, putative [Plasmodium falciparum 3D7]	72,887	4.96	5	25	
SW:PDA6_HUMAN	Protein disulfide-isomerase A6 precursor	48,091	4.95		13	
SW:PDI_HUMAN	Protein disulfide-isomerase precursor	57,081	4.76		15	
SW:PDX1_HUMAN	Peroxiredoxin 1	22,096	8.27	21	8	
SW:PDX2_HUMAN	peroxiredoxin 2 [Rhodopirellula baltica SH 1]	21,878	5.66	3	5	
SW:PDX3_HUMAN	Thioredoxin-dependent peroxide reductase, mitochondrial precursor; Peroxiredoxin 3	27,675	7.68		9	
SW:PDX4_HUMAN	Peroxiredoxin 4	30,521	5.86		6	
SW:PDX5_HUMAN	Peroxiredoxin 5, mitochondrial precursor; Prx-V; Peroxisomal antioxidant enzyme	22,012	8.85		2	
SW:PEBB_HUMAN	Core-binding factor, beta subunit; CBF-beta	21,495	6.23			8
SW:PERI_HUMAN	Peripherin.	53,846	5.43	5		
SW:PESC_HUMAN	Pescadillo homolog 1	67,960	6.93			9
SW:PGC1_HUMAN	Membrane associated progesterone receptor component 1	21,527	4.56		8	
SW:PGC2_HUMAN	Membrane associated progesterone receptor component 2	23,804	4.76		8	
SW:PGK1_HUMAN	Phosphoglycerate kinase 1	44,568	8.30	12		
SW:PHB_HUMAN	Prohibitin	29,786	5.57		10	
SW:PIN1_HUMAN	Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1	18,232	8.95	3		
SW:PIS_HUMAN	CDP-diacylglycerol--inositol 3-phosphatidyltransferase	23,523	8.23		3	
SW:PLE1_HUMAN	Plectin 1	531,412	5.73		5	
SW:PLSL_HUMAN	L-plastin (Lymphocyte cytosolic protein 1)	70,245	5.20	5	5	
SW:PM5P_HUMAN	Protein pM5 precursor	134,209	5.54		12	
SW:PMG1_HUMAN	Phosphoglycerate mutase 1	28,655	6.75		3	
SW:POR1_HUMAN	Voltage-dependent anion-selective channel protein 1	30,623	8.63		25	
SW:POR2_HUMAN	Voltage-dependent anion-selective channel protein 2	38,069	6.32		25	
SW:POR3_HUMAN	Voltage-dependent anion-selective channel protein 3	30,639	8.84		9	
SW:PP1A_HUMAN	Serine/threonine protein phosphatase PP1-alpha catalytic subunit	37,488	5.94	4	3	3
SW:PP1G_HUMAN	Serine/threonine protein phosphatase PP1-gamma catalytic subunit	36,960	6.12			2
SW:PPIA_HUMAN	Peptidyl-prolyl cis-trans isomerase A	17,870	7.82	6	3	2
SW:PPIB_HUMAN	Peptidyl-prolyl cis-trans isomerase B precursor	22,728	9.33	8	6	4
SW:PPIE_HUMAN	Peptidyl-prolyl cis-trans isomerase E	33,410	5.41	2	3	
SW:PPIF_HUMAN	Peptidyl-prolyl cis-trans isomerase, mitochondrial precursor	22,026	9.49		3	
SW:PPOL_HUMAN	Poly [ADP-ribose] polymerase-1	112,881	8.99	48	5	
SW:PPR8_HUMAN	Nuclear inhibitor of protein phosphatase-1	38,455	6.87	2		
SW:PR4B_HUMAN	Serine/threonine-protein kinase PRP4 homolog	116,902	10.20	2		
SW:PRKD_HUMAN	DNA-dependent protein kinase catalytic subunit	468,839	6.78	118	60	
SW:PRO1_HUMAN	hemY protein [Pseudomonas putida KT2440]	14,914	8.47	5	6	3
SW:PSB5_HUMAN	Proteasome subunit beta type 5 precursor	22,882	8.66	2		
SW:PTB_HUMAN	PTB_HUMAN	57,186	9.22	26	15	2
SW:PTCA_HUMAN	Protein tyrosine phosphatase receptor type C-associated protein	21,184	4.39		2	
SW:PTN1_HUMAN	Tyrosine-protein phosphatase, non-receptor type 1	49,935	5.88		4	
SW:PTN6_HUMAN	Tyrosine-protein phosphatase, non-receptor type 6	67,519	7.65	16		
SW:PWP2_HUMAN	Periodic tryptophan protein 2 homolog	102,386	5.81	7		13
SW:R10A_HUMAN	60S ribosomal protein L10a	24,816	9.94	4		3
SW:R11A_HUMAN	Ras-related protein Rab-11A	24,378	6.12	3	16	
SW:R13A_HUMAN	OTTHUMP0000018470 [Homo sapiens]	23,431	10.90	2		
SW:R18B_HUMAN	28S ribosomal protein S18b, mitochondrial precursor	29,377	9.47		5	
SW:RA1L_HUMAN	mRNA-associated protein mrp 41	40,942	7.96	2		
SW:RA21_HUMAN	Double-strand-break repair protein rad21 homolog	71,645	4.54	2	11	
SW:RAB7_HUMAN	Ras-related protein Rab-7	23,475	6.39	6	23	
SW:RAB8_HUMAN	Ras-related protein Rab-8A	23,653	9.15		2	
SW:RALY_HUMAN	RNA-binding protein Raly	32,444	9.20	2	16	3
SW:RAN_HUMAN	GTP-binding nuclear protein Ran	24,408	7.01	9	6	6
SW:RAPA_HUMAN	Ras-related protein Rap-1A	20,974	6.39	2	7	
SW:RB_HUMAN	Retinoblastoma-associated protein	106,092	8.13	11		
SW:RB10_HUMAN	Ras-related protein Rab-10	22,527	8.58		6	
SW:RB14_HUMAN	Ras-related protein Rab-14	23,912	5.85		10	
SW:RB18_HUMAN	Ras-related protein Rab-18	22,963	5.11	2	11	
SW:RB1B_HUMAN	Ras-related protein Rab-1B	22,157	5.55	4		
SW:RB21_HUMAN	Ras-related protein Rab-21	24,332	8.11		2	
SW:RB2A_HUMAN	Ras-related GTPase Rab2 [Aspergillus fumigatus Af293]	23,531	6.08	3	12	
SW:RB5A_HUMAN	Ras-related protein Rab-5A	23,644	8.32		5	
SW:RB5C_HUMAN	Ras-related protein Rab-5C	23,553	8.87		6	
SW:RB6A_HUMAN	Ras-related protein Rab-6A	23,578	5.42		4	
SW:RB8A_HUMAN	hypothetical protein, conserved [Trypanosoma brucei]	19,877	5.50	2	5	3
SW:RB8B_HUMAN	Ras-related protein Rab-8B	23,569	9.15		4	
SW:RBB4_HUMAN	Chromatin assembly factor 1 subunit C	47,626	4.74	15	18	23

Entry Name <sup>a</sup>	Description	MW	pI	NH <sup>b</sup>	NR <sup>b</sup>	NS <sup>b</sup>
SW:RBMA_HUMAN	RNA-binding protein 10	103,396	5.69		4	
SW:RBMF_HUMAN	Putative RNA-binding protein 15	107,124	10.00	2		
SW:RBP2_HUMAN	Ran-binding protein 2	357,991	5.86	17	87	
SW:RCC1_HUMAN	Regulator of chromosome condensation	44,941	7.18	4	5	10
SW:RCN1_HUMAN	Reticulocalbin 1 precursor	38,866	4.86		2	
SW:RCN2_HUMAN	Reticulocalbin 2 precursor	36,854	4.26		2	
SW:RCQ1_HUMAN	ATP-dependent DNA helicase Q1	73,409	8.35	8		
SW:RED_HUMAN	Red protein	65,590	6.26		5	
SW:REQU_HUMAN	Zinc-finger protein ubi-d4	44,127	5.94	6	2	
SW:RFA1_HUMAN	Replication protein A 70 kDa DNA-binding subunit	68,095	6.92		3	
SW:RFA3_HUMAN	Replication protein A 14 kDa subunit	13,560	4.96	3	3	
SW:RFC1_HUMAN	Activator 1 140 kDa subunit	128,258	9.38	2	2	
SW:RFC2_HUMAN	Activator 1 40 kDa subunit	39,132	6.04	9		3
SW:RFC3_HUMAN	Activator 1 38 kDa subunit	40,530	8.66	4		
SW:RFC4_HUMAN	Activator 1 37 kDa subunit	39,657	8.26	5	3	4
SW:RFC5_HUMAN	Activator 1 36 kDa subunit	38,472	6.72	3		
SW:RFX5_HUMAN	DNA-binding protein RFX5	65,283	9.35	2		
SW:RGP1_HUMAN	Ran GTPase-activating protein 1	63,502	4.63	3	13	
SW:RIB1_HUMAN	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 67 kDa subunit precu	68,527	5.96	6	74	
SW:RIB2_HUMAN	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 63 kDa subunit precu	69,241	5.44	4	42	
SW:RL11_HUMAN	60S ribosomal protein L11	20,109	9.64			2
SW:RL13_HUMAN	60S ribosomal protein L13	24,116	11.60	2		
SW:RL14_HUMAN	60S ribosomal protein L14	23,144	10.90	3		
SW:RL15_HUMAN	60S ribosomal protein L15	24,000	11.60	5		
SW:RL18_HUMAN	60S ribosomal protein L18	21,490	11.70	7	4	
SW:RL1X_HUMAN	60S ribosomal protein L18a	20,749	10.70		2	
SW:RL21_HUMAN	60S ribosomal protein L21	18,422	10.40	7		3
SW:RL22_HUMAN	60S ribosomal protein L22	14,647	9.22		4	3
SW:RL24_HUMAN	60S ribosomal protein L24	17,768	11.20		3	
SW:RL27_HUMAN	60S ribosomal protein L27	15,657	10.50	3		
SW:RL2B_HUMAN	60S ribosomal protein L23a	17,684	10.40	6	2	4
SW:RL3_HUMAN	60S ribosomal protein L3	45,949	10.10			2
SW:RL30_HUMAN	60S ribosomal protein L30	12,645	9.65	2		
SW:RL31_HUMAN	60S ribosomal protein L31	14,454	10.50	2		
SW:RL38_HUMAN	60S ribosomal protein L38	8,082	10.10	3		
SW:RL4_HUMAN	60S ribosomal protein L4	47,667	11.00	5		3
SW:RL5_HUMAN	60S ribosomal protein L5	34,295	9.76	3		
SW:RL6_HUMAN	60S ribosomal protein L6	32,577	10.50	17		5
SW:RL7_HUMAN	60S ribosomal protein L7	29,207	10.60	5	2	
SW:RL7A_HUMAN	60S ribosomal protein L7a	29,846	10.60	11		
SW:RL9_HUMAN	60S ribosomal protein L9	21,850	9.96	4	2	
SW:RLA0_HUMAN	60S acidic ribosomal protein P0	34,252	5.72			5
SW:RLA2_HUMAN	60S acidic ribosomal protein P2	11,658	4.42	5	4	4
SW:RM12_HUMAN	39S ribosomal protein L12, mitochondrial precursor; L12mt; MRP-L12	21,335	9.05		2	
SW:RNHL_HUMAN	Ribonuclease HI large subunit	33,374	5.14	3		
SW:RNP2_HUMAN	RNA-binding region	59,343	10.10	7	5	
SW:RNT1_HUMAN	Regulator of nonsense transcripts 1	124,267	6.18	3		
SW:ROA0_HUMAN	Heterogeneous nuclear ribonucleoprotein A0	30,822	9.34	10	10	3
SW:ROA1_HUMAN	Heterogeneous nuclear ribonucleoprotein A1	38,691	9.26	50	117	82
SW:ROA2_HUMAN	Heterogeneous nuclear ribonucleoproteins A2/B1	37,407	8.97	54	251	115
SW:ROA3_HUMAN	Heterogeneous nuclear ribonucleoprotein A3	39,662	8.74	13	15	19
SW:ROC_HUMAN	Heterogeneous nuclear ribonucleoproteins C1/C2	33,668	4.95	3	67	13
SW:ROCL_HUMAN	novel protein similar to heterogeneous nuclear ribonucleoprotein C	32,123	4.93	10	76	83
SW:ROD_HUMAN	cGMP-gated cation channel 2, rod - human	38,410	7.61	14	20	16
SW:ROF_HUMAN	heterogeneous nuclear ribonucleoprotein H2	45,643	5.38		10	11
SW:ROG_HUMAN	RNA binding motif protein, X-linked [Homo sapiens]	42,306	10.00	6	16	5
SW:ROH1_HUMAN	heterogeneous nuclear ribonucleoprotein H/F, putative [Trypanosoma brucei]	49,198	5.89	6	9	32
SW:ROH3_HUMAN	Heterogeneous nuclear ribonucleoprotein H3	36,903	6.37		11	11
SW:ROK_HUMAN	Heterogeneous nuclear ribonucleoprotein K	50,944	5.39	54	42	21
SW:ROL_HUMAN	unnamed protein product [Homo sapiens]	60,149	6.65	18	25	15
SW:ROM_HUMAN	Heterogeneous nuclear ribonucleoprotein M	77,418	8.94	25	30	19
SW:ROR_HUMAN	RP1-3J17.2 [Homo sapiens]	70,899	8.23	18	64	29
SW:ROU_HUMAN	Heterogenous nuclear ribonucleoprotein U	90,423	5.76	14	83	64
SW:RPA1_HUMAN	DNA-directed RNA polymerase I largest subunit	194,067	6.80	3		
SW:RPB1_HUMAN	DNA-directed RNA polymerase II largest subunit	217,068	7.02		39	
SW:RPB2_HUMAN	DNA-directed RNA polymerase II 140 kDa polypeptide	133,811	6.44		15	

Entry Name <sup>a</sup>	Description	MW	pI	NH <sup>b</sup>	NR <sup>b</sup>	NS <sup>b</sup>
SW:RPB3_HUMAN	DNA-directed RNA polymerase II 33 kDa polypeptide	31,422	4.79		3	
SW:RPB4_HUMAN	DNA-DIRECTED RNA POLYMERASE II 16KDA POLYPEPTIDE	16,301	4.75		2	
SW:RPB5_HUMAN	DNA-DIRECTED RNA POLYMERASE I [Encephalitozoon cuniculi GB-M1]	24,597	5.53	3	4	
SW:RPB7_HUMAN	DNA-directed RNA polymerase II 19 kDa polypeptide	19,282	5.33		3	
SW:RPB8_HUMAN	DNA-directed RNA polymerases I, II, and III 17	17,132	4.50	2		
SW:RRB1_HUMAN	Ribosome-binding protein 1	152,380	8.69		2	
SW:RRP4_HUMAN	hypothetical protein DDB0183814 [Dictyostelium discoideum]	32,768	7.06	3		
SW:RRP5_HUMAN	RRP5 protein homolog	208,603	8.99			6
SW:RRS1_HUMAN	Ribosome biogenesis regulatory protein homolog	41,168	10.60			5
SW:RS10_HUMAN	40S ribosomal protein S10	18,886	10.10		2	
SW:RS13_HUMAN	40S ribosomal protein S13	17,081	10.50	2	2	2
SW:RS14_HUMAN	40S ribosomal protein S14	16,263	10.00			3
SW:RS16_HUMAN	40S ribosomal protein S16	16,304	10.20	6	4	
SW:RS18_HUMAN	40S ribosomal protein S18	17,708	10.90	4	15	
SW:RS19_HUMAN	40S ribosomal protein S19	15,919	10.30	6	4	
SW:RS2_HUMAN	40S ribosomal protein S2	31,305	10.20		4	3
SW:RS21_HUMAN	40S ribosomal protein S21	9,106	8.68	3		
SW:RS23_HUMAN	40S ribosomal protein S23	15,798	10.50	2		
SW:RS24_HUMAN	40S ribosomal protein S24	15,413	10.70			2
SW:RS25_HUMAN	40S ribosomal protein S25	13,734	10.10	2	3	4
SW:RS27_HUMAN	40S ribosomal protein S27	9,324	9.58	7		3
SW:RS3_HUMAN	40S ribosomal protein S3	26,671	9.68	11	9	
SW:RS4_HUMAN	40S ribosomal protein S4, X isoform	29,448	10.10	2	7	2
SW:RS5_HUMAN	40S ribosomal protein S5	22,862	9.73		3	
SW:RS7_HUMAN	40S ribosomal protein S7	22,113	10.00	5	3	5
SW:RS8_HUMAN	40S ribosomal protein S8	24,059	10.30	3		3
SW:RS9_HUMAN	40S ribosomal protein S9	22,447	10.60	3	6	5
SW:RSMB_HUMAN	Small nuclear ribonucleoprotein associated proteins B and B'	24,594	11.20	11	6	
SW:RSP4_HUMAN	azurin [Pseudomonas putida KT2440]	32,833	4.79	2		
SW:RT02_HUMAN	Mitochondrial 28S ribosomal protein S2	33,228	9.37		2	
SW:RT10_HUMAN	Mitochondrial 28S ribosomal protein S10	22,985	7.78		2	
SW:RT22_HUMAN	Mitochondrial 28S ribosomal protein S22	41,254	7.70		3	
SW:RT23_HUMAN	Mitochondrial ribosomal protein S23	21,757	8.94		6	3
SW:RT26_HUMAN	28S ribosomal protein S26, mitochondrial precursor; MRP-S26; MRP-S13	24,197	10.30		2	
SW:RT27_HUMAN	Mitochondrial 28S ribosomal protein S27	47,639	5.72		2	
SW:RT31_HUMAN	28S ribosomal protein S31, mitochondrial precursor; S31mt; MRP-S31	45,273	9.32		2	
SW:RTN4_HUMAN	Reticulon 4	129,851	4.43		6	
SW:RU17_HUMAN	U1 small nuclear ribonucleoprotein 70 kDa	51,526	9.94	26	4	
SW:RU1A_HUMAN	U1 SMALL NUCLEAR RIBONUCLEOPROTEIN A [Encephalitozoon cuniculi GB-M1]	31,259	9.83	2		
SW:RU1C_HUMAN	U1 small nuclear ribonucleoprotein C	17,381	9.72	3		
SW:RU2A_HUMAN	U2 small nuclear ribonucleoprotein A'	28,398	8.71	9	13	5
SW:RUN1_HUMAN	Runt-related transcription factor 1	48,766	9.40	5	11	5
SW:RUV1_HUMAN	RuvB-like 1 (49-kDa TATA box-binding protein-interacting protein)	50,196	6.02	12	9	5
SW:RUV2_HUMAN	RuvB-like 2 (48-kDa TATA box-binding protein-interacting protein)	51,125	5.49	8	7	3
SW:RUXE_HUMAN	Small nuclear ribonucleoprotein E	10,797	9.46	4		3
SW:S3A1_HUMAN	Splicing factor 3 subunit 1	88,831	5.15	2	13	
SW:S3A3_HUMAN	splicing factor 3a, subunit 3, 60kDa [Homo sapiens]	58,812	5.27	5	4	
SW:S3B1_HUMAN	Splicing factor 3B subunit 1	145,723	6.58	12	25	
SW:S3B2_HUMAN	Splicing factor 3B subunit 2	97,596	5.53	11	22	6
SW:S3B3_HUMAN	Splicing factor 3B subunit 3	135,507	5.15	19	29	3
SW:S611_HUMAN	Protein transport protein Sec61 alpha subunit isoform 1	52,100	8.33		8	
SW:SARA_HUMAN	GTP-binding protein SAR1a	22,353	6.22		3	
SW:SAT1_HUMAN	Diamine acetyltransferase 1	85,903	6.10	7		
SW:SBDS_HUMAN	Shwachman-Bodian-Diamond syndrome protein	28,745	8.91	2		
SW:SC10_HUMAN	Exocyst complex component Sec10	81,801	6.27	2		
SW:SC63_HUMAN	Translocation protein SEC63 homolog	87,810	5.21		6	
SW:SCB1_HUMAN	Succinyl-CoA ligase [ADP-forming] beta-chain, mitochondrial precursor	50,299	7.05		4	
SW:SCD1_HUMAN	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily	54,910	9.18	13	7	
SW:SCOT_HUMAN	Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor	56,122	7.13		4	
SW:SDFL_HUMAN	Stromal cell-derived factor 2-like protein 1 precursor	23,584	6.52		5	
SW:SEC8_HUMAN	Exocyst complex component Sec8	110,429	6.07	4		
SW:SEP1_HUMAN	Septin-1 (LARP)	41,944	5.56	15		
SW:SEP2_HUMAN	Septin-2 (NEDD5 protein homolog)	41,461	6.15	11		
SW:SEP6_HUMAN	Septin-6.	49,685	6.24	23		
SW:SEP7_HUMAN	Septin-7 (CDC10 protein homolog)	48,756	8.85	19		
SW:SERA_HUMAN	D-3-phosphoglycerate dehydrogenase	56,614	6.29	2	2	

Entry Name <sup>a</sup>	Description	MW	pI	NH <sup>b</sup>	NR <sup>b</sup>	NS <sup>b</sup>
SW:SET_HUMAN	SET protein (Phosphatase 2A inhibitor I2PP2A)	32,084	4.12	7		
SW:SFPQ_HUMAN	Splicing factor, proline-and glutamine-rich	76,102	9.45	27	11	
SW:SFR1_HUMAN	Splicing factor, arginine/serine-rich 1	27,597	10.30	7	11	10
SW:SFR3_HUMAN	RNA-binding protein, putative [Trypanosoma brucei]	19,318	11.60	3	15	8
SW:SFR4_HUMAN	Splicing factor, arginine/serine-rich 4; Pre-mRNA splicing factor SRP75	56,645	11.50			11
SW:SFR5_HUMAN	Splicing factor, arginine/serine-rich 5; Pre-mRNA splicing factor SRP40	31,245	11.50			3
SW:SFR7_HUMAN	SFRS6 [Homo sapiens]	27,350	11.80			13
SW:SFR9_HUMAN	Splicing factor, arginine/serine-rich 9	25,526	8.74	3	4	10
SW:SFX1_HUMAN	Sideroflexin 1	35,596	9.22		5	
SW:SJ2B_HUMAN	Synaptojanin 2 binding protein	15,918	5.86		2	
SW:SKD3_HUMAN	Suppressor of potassium transport defect 3	78,680	9.13		3	
SW:SMD1_HUMAN	Small nuclear ribonucleoprotein Sm D1	13,273	11.50	18	11	4
SW:SMD2_HUMAN	Small nuclear ribonucleoprotein Sm D2	13,518	9.92	12	7	
SW:SMD3_HUMAN	Small nuclear ribonucleoprotein Sm D3	13,907	10.30		6	
SW:SMF1_HUMAN	AT-rich interactive domain-containing protein 1A	205,815	6.23	9	16	
SW:SN21_HUMAN	GLOBAL TRANSCRIPTIONAL ACTIVATOR	114,659	8.72	4	18	12
SW:SN22_HUMAN	Possible global transcription activator SNF2L2	180,649	6.63	17	12	
SW:SN24_HUMAN	SN24_HUMAN	184,470	7.65	12	18	
SW:SNAAL_HUMAN	Alpha-soluble NSF attachment protein	33,225	5.23	6	6	
SW:SNF5_HUMAN	SWI/SNF related, matrix associated, actin dependent regulator of chromatin subfamily	44,089	5.86	5	8	
SW:SNW1_HUMAN	Nuclear protein SkiP	61,457	9.52			4
SW:SON_HUMAN	SON protein	263,677	5.50		44	19
SW:SP22_HUMAN	Microsomal signal peptidase 23 kDa subunit	20,240	8.66	2	6	
SW:SP25_HUMAN	Microsomal signal peptidase 25 kDa subunit	24,987	8.69		8	
SW:SPC4_HUMAN	Microsomal signal peptidase 18 kDa subunit	20,612	9.48		3	
SW:SPCB_HUMAN	RP3-398G3.1 [Homo sapiens]	246,168	5.13	2		
SW:SPCN_HUMAN	Spectrin alpha chain, brain	284,105	5.22	125	5	
SW:SPCO_HUMAN	Spectrin beta chain, brain 1	274,459	5.41	92	9	
SW:SPK_HUMAN	Symplekin.	126,421	6.04	6		
SW:SPS1_HUMAN	Selenide, water dikinase 1	42,883	5.65	3		
SW:SR14_HUMAN	Signal recognition particle 14 kDa protein	14,535	10.00	6		
SW:SR54_HUMAN	SIGNAL RECOGNITION PARTICLE 54kDa SUBUNIT	55,668	8.87	4		
SW:SR68_HUMAN	Signal recognition particle 68 kDa protein	70,686	8.75	7	3	
SW:SRPB_HUMAN	Signal recognition particle receptor beta subunit	29,684	9.17		10	
SW:SSB_HUMAN	Single-stranded DNA-binding protein, mitochondrial precursor	17,249	9.59		5	
SW:SSRA_HUMAN	Translocon-associated protein, alpha subunit precursor	32,215	4.39		4	
SW:SSRD_HUMAN	Translocon-associated protein, delta subunit precursor	18,987	5.76	4	8	
SW:SSRP_HUMAN	Structure-specific recognition protein 1	81,024	6.45		5	27
SW:STB1_HUMAN	syntaxin binding protein 1 [Homo sapiens]	67,526	6.50		2	
SW:STM1_HUMAN	Stromal interaction molecule 1 precursor	77,444	6.23		8	
SW:STT3_HUMAN	putative integral membrane protein	80,419	8.43	3	5	
SW:STXH_HUMAN	Syntaxin-18	38,650	5.36		2	
SW:SU12_HUMAN	Protein translation factor SU11 homolog A121	12,737	6.90	3		
SW:SUR1_HUMAN	Surfeit locus protein 1	33,310	9.64		2	
SW:SYD_HUMAN	Aspartyl-tRNA synthetase	57,100	6.11	3		
SW:SYEP_HUMAN	Bifunctional aminoacyl-tRNA synthetase [Includes	162,922	7.77	2		
SW:SYG_HUMAN	Glycyl-tRNA synthetase	83,087	6.61		3	
SW:SYK_HUMAN	Lysyl-tRNA synthetase	68,005	5.94	4		
SW:SYLM_HUMAN	Probable leucyl-tRNA synthetase, mitochondrial precursor; Leucine--tRNA ligase	101,911	8.46		2	
SW:SYR_HUMAN	Arginyl-tRNA synthetase	75,331	6.26	6		
SW:SYT_HUMAN	Threonyl-tRNA synthetase, cytoplasmic	82,103	6.23	3		
SW:SYV2_HUMAN	Valyl-tRNA synthetase 2	140,387	7.53	17		
SW:YY_HUMAN	TYROSYL tRNA SYNTHETASE [Encephalitozoon cuniculi GB-M1]	59,106	6.61	4	2	
SW:T150_HUMAN	Thyroid hormone receptor-associated protein complex 150 kDa component	108,629	10.10	3	6	10
SW:T172_HUMAN	TBP-associated factor 172	206,754	6.08		6	
SW:T2D3_HUMAN	Transcription initiation factor TFIID subunit 4	109,877	9.95	2		
SW:T2D7_HUMAN	TAF9-like RNA polymerase II, TATA box binding protein	28,956	8.77	2		
SW:TAG2_HUMAN	Transgelin-2 (SM22-alpha homolog)	22,377	8.41	4		
SW:TBA1_HUMAN	Tubulin alpha-1 chain	50,120	4.94	30	17	42
SW:TBB1_HUMAN	Tubulin beta-1 chain	49,727	4.75	31	23	24
SW:TBB2_HUMAN	Tubulin beta-2 chain	49,799	4.79	3		
SW:TBL2_HUMAN	Transducin beta-like 2 protein	49,766	9.52		2	
SW:TBL3_HUMAN	WD-repeat protein SAZD	56,011	8.39	2		2
SW:TCE1_HUMAN	transcription elongation factor S-II, putative [Trypanosoma brucei]	33,948	8.65	10		
SW:TCOF_HUMAN	Treacle protein	144,226	9.06	20	3	
SW:TCP4_HUMAN	Activated RNA polymerase II transcriptional coactivator p15	14,255	9.60	9	3	3



Entry Name <sup>a</sup>	Description	MW	pI	NH <sup>b</sup>	NR <sup>b</sup>	NS <sup>b</sup>
SW:TCPB_HUMAN	T-complex protein 1, beta subunit	57,452	6.01	2		
SW:TCPD_HUMAN	T-complex protein 1, delta subunit	57,803	7.52	5		
SW:TCPH_HUMAN	T-complex protein 1, eta subunit	59,329	7.55	2		
SW:TCPZ_HUMAN	T-complex protein 1, zeta subunit	57,988	6.24	3		
SW:TCTP_HUMAN	Translationally controlled tumor protein	19,583	4.84	8		
SW:TDBP_HUMAN	TAR DNA binding protein [Homo sapiens]	44,711	5.85		2	
SW:TE2I_HUMAN	Telomeric repeat binding factor 2 interacting protein 1	44,233	4.64	7		
SW:TEBP_HUMAN	Telomerase-binding protein p23; Hsp90 co-chaperone	18,685	4.35		2	
SW:TEM2_HUMAN	thioesterase superfamily member 2 [Homo sapiens]	14,951	9.23	3	4	
SW:TERA_HUMAN	Transitional endoplasmic reticulum ATPase	89,135	5.14		9	
SW:TF1B_HUMAN	Transcription intermediary factor 1-beta	88,493	5.52	13	16	
SW:TFH4_HUMAN	general transcription factor IIH, polypeptide 4, 52kDa [Homo sapiens]	52,153	9.12	2		
SW:TFR1_HUMAN	Transferrin receptor protein 1	84,848	6.18		16	
SW:THIK_HUMAN	3-ketoacyl-CoA thiolase, peroxisomal precursor	44,264	8.76		2	
SW:THIL_HUMAN	Acetyl-CoA acetyltransferase, mitochondrial precursor	45,171	8.98		7	
SW:THIO_HUMAN	Thioredoxin	11,599	4.82		2	
SW:THO1_HUMAN	THO complex subunit 1	75,619	4.92	7	5	
SW:THO2_HUMAN	THO complex subunit 2	169,474	8.85	12	5	
SW:THO4_HUMAN	THO complex subunit 4	26,872	11.10	10	6	7
SW:THPA_HUMAN	ABC transporter, ATP-binding/permease protein [Brucella suis 1330]	75,315	7.80	22	63	16
SW:THPB_HUMAN	Lamina-associated polypeptide 2, isoforms beta/gamma	50,508	9.39	2	27	
SW:TIAR_HUMAN	Nucleolysin TIAR	41,564	7.62		5	
SW:TM21_HUMAN	Transmembrane protein Tmp21 precursor	24,960	6.98	4	11	
SW:TO1A_HUMAN	Torsin A precursor	37,784	6.51		2	
SW:TOP1_HUMAN	DNA topoisomerase I	90,669	9.33	8	5	8
SW:TP2A_HUMAN	DNA topoisomerase II, alpha isozyme	174,275	8.82	3	3	190
SW:TP2B_HUMAN	DNA topoisomerase II, beta isozyme	183,152	8.14	2		67
SW:TPIS_HUMAN	Triosephosphate isomerase	26,522	6.51	2		
SW:TPM1_HUMAN	Tropomyosin 1 alpha chain	32,689	4.69	3		
SW:TPR_HUMAN	Nucleoprotein TPR	265,439	5.01	12	62	
SW:TRAL_HUMAN	Heat shock protein 75 kDa, mitochondrial precursor; HSP 75	79,961	8.05		9	
SW:TRF2_HUMAN	Telomeric repeat binding factor 2	55,517	9.22	3		
SW:TRIB_HUMAN	ubiquitin-protein ligase, putative [Trypanosoma brucei]	220,294	8.76		2	
SW:TXTP_HUMAN	Tricarboxylate transport protein, mitochondrial precursor; Citrate transport protein	33,991	9.91		4	
SW:U2AF_HUMAN	Splicing factor U2AF 65 kDa subunit	53,467	9.19	6	2	5
SW:U3P2_HUMAN	U3 small nucleolar RNA interacting protein 2	51,809	7.97			8
SW:U520_HUMAN	U5 small nuclear ribonucleoprotein 200 kDa helicase	194,355	6.27	18	37	3
SW:U5S1_HUMAN	116 kDa U5 small nuclear ribonucleoprotein component	109,366	4.84	13	30	
SW:U84B_HUMAN	Sad1/unc-84-like protein 2	80,262	6.27		11	
SW:UBCE_HUMAN	Ubiquitin-conjugating enzyme E2S	23,831	8.45	2	3	
SW:UBCI_HUMAN	UBE21 [Homo sapiens]	17,995	8.87	11	4	
SW:UBCN_HUMAN	ubiquitin-conjugating enzyme E2N-like [Homo sapiens]	17,127	6.13	3		
SW:UBF1_HUMAN	Nucleolar transcription factor 1	89,350	5.63	3		10
SW:UCR1_HUMAN	Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor	52,585	5.94		2	
SW:UCR2_HUMAN	Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor	48,413	8.74		8	
SW:UCR6_HUMAN	Ubiquinol-cytochrome C reductase complex 14 kDa protein	13,391	8.75		4	
SW:UCRI_HUMAN	Ubiquinol-cytochrome c reductase iron-sulfur subunit, mitochondrial precursor	29,633	8.55		4	
SW:UCRY_HUMAN	Ubiquinol-cytochrome C reductase complex 6	6,565	9.87		2	
SW:UNRI_HUMAN	hypothetical protein DDB0215888 [Dictyostelium discoideum]	38,414	4.98	4		
SW:VAPA_HUMAN	Vesicle-associated membrane protein-associated protein A	27,300	8.80	4	11	
SW:VAPB_HUMAN	Vesicle-associated membrane protein-associated protein B/C	27,211	6.85		3	
SW:VAT1_HUMAN	Synaptic vesicle membrane protein VAT-1 homolog	32,537	6.45	2		
SW:VATF_HUMAN	Vacuolar ATP synthase subunit F	13,350	5.29		2	
SW:VIME_HUMAN	Vimentin.	53,522	5.06	42	25	5
SW:VP35_HUMAN	Vacuolar protein sorting 35	91,649	5.32	4		
SW:VP36_HUMAN	Vesicular integral-membrane protein VIP36 precursor	40,203	6.46		3	
SW:VP45_HUMAN	Vacuolar protein sorting-associated protein 45	65,036	8.41		2	
SW:VRK1_HUMAN	Serine/threonine-protein kinase VRK1	45,447	9.02	6	4	7
SW:WD12_HUMAN	WD-repeat protein 12	47,678	5.57			9
SW:WDR3_HUMAN	WD-repeat protein 3	106,032	6.20			4
SW:WDR5_HUMAN	WD-repeat protein 5	36,565	8.54	5		
SW:WNT3_HUMAN	Wnt-3 proto-oncogene protein precursor	39,619	7.47		3	
SW:XAB2_HUMAN	XPA-binding protein 2	99,946	5.87		7	
SW:XRC1_HUMAN	DNA-repair protein XRCC1	69,483	6.02	3		
SW:Y056_HUMAN	Hypothetical protein KIAA0056	169,609	7.55	4		
SW:Y101_HUMAN	HCV NS5A-transactivated protein 9	11,979	9.85	2		

Entry Name <sup>a</sup>	Description	MW	pI	NH <sup>b</sup>	NR <sup>b</sup>	NS <sup>b</sup>
SW:Y152_HUMAN	Hypothetical protein KIAA0152	32,214	5.27		9	
SW:Y539_HUMAN	Nucleolar preribosomal-associated protein 1	252,156	5.97	3	12	
SW:YU20_HUMAN	UPF0120 protein DKFZp564C186	84,852	5.46		10	
SW:YV03_HUMAN	Hypothetical protein PP2447	42,294	8.15		2	
SW:YZX5_HUMAN	OTTHUMP0000016364 [Homo sapiens]	9,660	7.68	4		
SW:Z148_HUMAN	Zinc finger protein 148; Zinc finger DNA binding protein 89	88,921	6.03		2	
SW:ZAP3_HUMAN	YLP motif containing protein 1	204,820	6.23	7	7	
SW:ZN22_HUMAN	Zinc finger protein 22	25,899	10.00	2		
SW:ZW10_HUMAN	Centromere/kinetochore protein zw10 homolog	88,642	5.89		4	
SWN:1B73_HUMAN	HLA class I histocompatibility antigen, B-73 alpha chain precursor	40,410	5.84		4	
SWN:A32E_HUMAN	acidic (leucine-rich) nuclear phosphoprotein 32 family, member E	30,674	3.77	2		
SWN:ACD9_HUMAN	Acyl-CoA dehydrogenase family member 9, mitochondrial precursor; ACAD-9	68,717	8.15		4	
SWN:ANC5_HUMAN	Anaphase promoting complex subunit 5	85,023	6.40	2		
SWN:ASH2_HUMAN	ASH2-like protein	68,680	5.45		3	
SWN:BRIX_HUMAN	Brix domain containing protein 2	41,375	9.92			2
SWN:C5P3_HUMAN	CDK5 regulatory subunit-associated protein 3	56,885	4.68		5	
SWN:CC16_HUMAN	Cell division cycle protein 16 homolog	71,610	5.55	2		
SWN:CF66_HUMAN	UPF0240 protein C6orf66	20,254	8.85		3	
SWN:CG21_HUMAN	Protein C7orf21	26,245	5.44		7	
SWN:CTB6_HUMAN	Protein C20orf116 precursor	35,590	5.12		4	
SWN:DD27_HUMAN	Probable ATP-dependent RNA helicase DDX27	89,779	9.33			7
SWN:DOC2_HUMAN	Dedicator of cytokinesis protein 2	211,811	6.43	15	3	
SWN:FNB3_HUMAN	Formin-binding protein 3	108,736	7.18	4		
SWN:FUB1_HUMAN	Far upstream element binding protein 1	67,432	7.18	21	5	
SWN:FUB2_HUMAN	Far upstream element binding protein 2	72,664	8.02	13	12	
SWN:FUB3_HUMAN	Far upstream element binding protein 3	61,602	8.60		10	
SWN:IMMT_HUMAN	Mitochondrial inner membrane protein	83,626	6.08		24	
SWN:INCE_HUMAN	Inner centromere protein	105,473	9.49			3
SWN:KG62_HUMAN	Thioredoxin-like protein KIAA1162 precursor	38,928	4.31		4	
SWN:KTN1_HUMAN	Kinectin	156,179	5.52		30	
SWN:MED8_HUMAN	Mediator of RNA polymerase II transcription subunit 8 homolog	29,062	6.92	4		
SWN:N133_HUMAN	nucleoporin 133kDa [Homo sapiens]	128,932	4.98	2	34	
SWN:NEK7_HUMAN	Serine/threonine-protein kinase Nek7	34,528	8.49	4		
SWN:PHFE_HUMAN	PHD finger protein 14	100,018	5.22			6
SWN:PPIH_HUMAN	Peptidyl-prolyl cis-trans isomerase H	19,196	8.28	6	2	
SWN:PRP3_HUMAN	PRP3 pre-mRNA processing factor 3 homolog	77,481	9.50	3		
SWN:RDHB_HUMAN	Retinol dehydrogenase 11	35,363	9.05		6	
SWN:RDHE_HUMAN	Retinol dehydrogenase 14	36,841	9.02		2	
SWN:ROAA_HUMAN	Heterogeneous nuclear ribonucleoprotein A/B	36,590	9.04		7	2
SWN:SA1_HUMAN	Cohesin subunit SA-1	144,353	5.39	3	15	
SWN:SA2_HUMAN	stromal antigen 2 [Homo sapiens]	133,986	5.19	2	5	
SWN:SDR4_HUMAN	Dehydrogenase/reductase SDR family member 7 precursor	38,274	8.59		3	
SWN:SELH_HUMAN	Selenoprotein H	13,398	9.65	4		
SWN:SM1A_HUMAN	Structural maintenance of chromosome 1-like 1 protein	143,144	7.51	4	38	2
SWN:SMC2_HUMAN	Structural maintenance of chromosome 2-like 1 protein	135,696	8.68	10	3	
SWN:SMC3_HUMAN	Structural maintenance of chromosome 3	141,453	6.77	15	45	
SWN:SMC4_HUMAN	Structural maintenance of chromosomes 4-like 1 protein	147,090	6.37	9	4	
SWN:SNE1_HUMAN	Nesprin 1	1,010,433	5.38		16	
SWN:SNE2_HUMAN	Nesprin 2	795,897	5.26		31	
SWN:SUM2_HUMAN	Sulfatase modifying factor 2 precursor	33,836	7.78		5	
SWN:TXL2_HUMAN	Thioredoxin-like protein 2	37,408	5.31			2
SWN:TXN5_HUMAN	Thioredoxin domain containing protein 5 precursor	47,599	5.63		2	
SWN:UXD2_HUMAN	UBX domain-containing protein 2	56,743	6.10		2	
SWN:XRN2_HUMAN	5'-3' exoribonuclease 2	108,513	7.26	2	3	

<sup>a</sup> Entry name in NCBI, SWISS-Prot, or PIR databases

<sup>b</sup> Fractions of Nuclei: NH (High Salt), NR (mRIPA), and NS (SDS); Color code for peptide occurrence, between 1-20 (light yellow), 21-99 (orange), over 100 (red).