

Supplementary Table 1. Detailed annotation of proteins identified in Method I

Protein ID	Protein accession	Protein description	Gene name	MW [kDa]	Score AVG	Peptides AVG
1433B_RAT	P35213	14-3-3 protein beta/alpha	Ywhab	28.05	11223.23	11
1433E_RAT	P62260	14-3-3 protein epsilon	Ywhae	29.17	26648.94	15
1433F_RAT	P68511	14-3-3 protein eta	Ywhah	28.21	9444.25	10
1433G_RAT	P61983	14-3-3 protein gamma	Ywhag	28.30	16888.38	10
1433T_RAT	P68255	14-3-3 protein theta	Ywhaq	27.78	6448.93	10
1433Z_RAT	P63102	14-3-3 protein zeta/delta	Ywhaz	27.77	51663.05	12
4F2_RAT	Q794F9	4F2 cell-surface antigen heavy chain	Slc3a2	58.07	3739.78	8
6PGD_RAT	P85968	6-phosphogluconate dehydrogenase decarboxylating	Pgd	53.24	1909.47	9
6PGL_RAT	P85971	6-phosphogluconolactonase	Pgls	27.23	21556.29	8
A0JN30_RAT	A0JN30	Canopy 2 homolog	Cnpy2	20.71	3486.07	6
A3RLA8_RAT	A3RLA8	Low affinity immunoglobulin gamma Fc region receptor II	Fcgr2b	37.97	1010.58	5
AATC_RAT	P13221	Aspartate aminotransferase cytoplasmic	Got1	46.43	1457.99	7
AATM_RAT	P00507	Aspartate aminotransferase mitochondrial	Got2	47.31	3826.02	11
ABCF1_RAT	Q6MG08	ATP-binding cassette sub-family F member 1	Abcf1	95.25	412.00	13
ACON_RAT	Q9ER34	Aconitate hydratase mitochondrial	Aco2	85.43	1156.77	10
ACTB_RAT	P60711	Actin cytoplasmic 1	Actb	41.74	71387.43	25
ACTH_RAT	P63269	Actin gamma-enteric smooth muscle	Actg2	41.88	36706.60	17
ADA_RAT	Q920P6	Adenosine deaminase	Ada	39.90	1325.03	8
ADT1_RAT	Q05962	ADP/ATP translocase 1	Slc25a4	32.99	5567.02	12
ADT2_RAT	Q09073	ADP/ATP translocase 2	Slc25a5	32.90	9236.08	10
AK1A1_RAT	P51635	Alcohol dehydrogenase [NADP(+)]	Akr1a1	36.51	9758.76	11
ALDOA_RAT	P05065	Fructose-bisphosphate aldolase A	Aldoa	39.35	6507.14	15
ALDR_RAT	P07943	Aldose reductase	Akr1b1	35.80	2510.29	12
AN32B_RAT	Q9EST6	Acidic leucine-rich nuclear phosphoprotein 32 family member B	Anp32b	31.06	6097.84	4
AN32E_RAT	Q5XIE0	Acidic leucine-rich nuclear phosphoprotein 32 family member E	Anp32e	29.42	1731.89	4
ANXA1_RAT	P07150	Annexin A1	Anxa1	38.83	28648.83	22
ANXA2_RAT	Q07936	Annexin A2	Anxa2	38.68	2992.42	10
ANXA5_RAT	P14668	Annexin A5	Anxa5	35.75	1609.09	9
ARL8B_RAT	Q66HA6	ADP-ribosylation factor-like protein 8B	Arl8b	21.54	1344.18	4
ASNS_RAT	P49088	Glutamine-dependent asparagine synthetase	Asns	64.25	2279.61	9
AT1A1_RAT	P06685	Sodium/potassium-transporting ATPase subunit alpha-1	Atp1a1	113.05	3308.45	25
AT1A2_RAT	P06686	Sodium/potassium-transporting ATPase subunit alpha-2	Atp1a2	112.22	786.52	18
AT1A3_RAT	P06687	Sodium/potassium-transporting ATPase subunit alpha-3	Atp1a3	111.69	2489.10	14

AT1A4_RAT	Q64541	Sodium/potassium-transporting ATPase subunit alpha-4	Atp1a4	114.01	228.37	10
AT1B3_RAT	Q63377	Sodium/potassium-transporting ATPase subunit beta-3	Atp1b3	31.83	1201.31	3
ATP5H_RAT	P31399	ATP synthase subunit D mitochondrial	Atp5pd	18.76	4450.09	5
ATP5I_RAT	P29419	ATP synthase subunit E mitochondrial	Atp5me	8.26	9619.80	1
ATP5J_RAT	P21571	ATP synthase-coupling factor 6 mitochondrial	Atp5pf	12.49	11843.67	4
ATPA_RAT	P15999	ATP synthase subunit alpha mitochondrial	Atp5f1a	59.75	23316.71	19
ATPB_RAT	P10719	ATP synthase subunit beta mitochondrial	Atp5f1b	56.35	30347.52	20
ATPO_RAT	Q06647	ATP synthase subunit O mitochondrial	Atp5po	23.40	11373.30	7
B0BN81_RAT	B0BN81	Ribosomal protein S5	Rps5	22.91	918.98	5
B0BNG3_RAT	B0BNG3	Vesicular integral-membrane protein VIP36	Lman2	40.39	3280.38	12
B0BNJ1_RAT	B0BNJ1	Sorcin	Sri	21.62	7389.84	7
B0K010_RAT	B0K010	Thioredoxin domain-containing 17	Txndc17	14.09	5852.90	4
B0K031_RAT	B0K031	60S ribosomal protein L7, isoform	Rpl7	30.31	1423.62	5
B2GUV5_RAT	B2GUV5	V-type proton ATPase subunit G 1	Atp6v1g1	13.71	1621.28	2
B2GUZ9_RAT	B2GUZ9	Fam49b protein	Fam49b	36.78	3721.41	10
B2GV72_RAT	B2GV72	Carbonyl reductase 3	Cbr3	30.84	2001.98	7
B2GV96_RAT	B2GV96	Coiled-coil domain containing 115	Ccdc115	19.82	854.01	5
B2GVB9_RAT	B2GVB9	Fermt3 protein	Fermt3	75.62	1507.74	10
B2MG_RAT	P07151	Beta-2-microglobulin	B2m	13.72	2979.99	3
B2RYC9_RAT	B2RYC9	Glucosylceramidase	Gba	57.49	834.24	8
B2RZ27_RAT	B2RZ27	SH3 domain-binding glutamic acid-rich-like protein 3	Sh3bgrl3	10.48	10096.01	3
B2RZD1_RAT	B2RZD1	Protein transport protein Sec61 subunit beta	Sec61b	9.99	4644.72	2
B5DEN5_RAT	B5DEN5	Eukaryotic translation elongation factor 1 beta 2	Eef1b2	24.68	2100.89	8
BAG6_RAT	Q6MG49	Large proline-rich protein BAG6	Bag6	120.01	616.14	10
BASI_RAT	P26453	Basigin	Bsg	42.44	6552.17	6
BASP1_RAT	Q05175	Brain acid soluble protein 1	Basp1	21.79	8583.31	5
C1QBP_RAT	O35796	Complement component 1 Q subcomponent-binding protein mitochondrial	C1qbp	31.00	8810.01	4
CAH2_RAT	P27139	Carbonic anhydrase 2	Ca2	29.11	14786.58	7
CALM_RAT	P0DP29	Calmodulin-1	Calm1	16.84	16895.13	6
CALR_RAT	P18418	Calreticulin	Calr	48.00	18376.84	15
CALX_RAT	P35565	Calnexin	Canx	67.26	1491.23	11
CAP1_RAT	Q08163	Adenylyl cyclase-associated protein 1	Cap1	51.59	3944.03	8
CAPG_RAT	Q6AYC4	Macrophage-capping protein	Capg	38.80	3876.14	7
CAPZB_RAT	Q5XI32	F-actin-capping protein subunit beta	Capzb	30.63	2134.28	8
CAZA2_RAT	Q3T1K5	F-actin-capping protein subunit alpha-2	Capza2	32.97	1161.94	5
CD48_RAT	P10252	CD48 antigen	Cd48	27.68	943.18	7
CDC37_RAT	Q63692	Hsp90 co-chaperone Cdc37	Cdc37	44.51	5308.82	5
CDC42_RAT	Q8CFN2	Cell division control protein 42 homolog (CDC42)	Cdc42	21.26	8806.95	5

CDV3_RAT	Q5XIM5	Protein CDV3 homolog	Cdv3	24.31	1885.86	5
CH10_RAT	P26772	10 kDa heat shock protein mitochondrial	Hspe1	10.90	17415.36	8
CISY_RAT	Q8VHF5	Citrate synthase mitochondrial	Cs	51.87	2329.63	9
CLH1_RAT	P11442	Clathrin heavy chain 1	Cltc	191.60	409.21	24
CLIC1_RAT	Q6MG61	Chloride intracellular channel protein 1	Clic1	26.98	24293.77	11
CNBP_RAT	P62634	Cellular nucleic acid-binding protein	Cnbp	19.46	3759.30	3
CNTN1_RAT	Q63198	Contactin 1	Cntn1	113.50	519.19	20
COF1_RAT	P45592	Cofilin-1	Cfl1	18.53	35166.62	5
COR1A_RAT	Q91ZN1	Coronin-1A	Coro1a	51.07	4032.92	11
COTL1_RAT	B0BNA5	Coactosin-like protein	Cotl1	15.93	27708.91	9
COX41_RAT	P10888	Cytochrome c oxidase subunit 4 isoform 1 mitochondrial	Cox4i1	19.52	1971.84	8
COX5A_RAT	P11240	Cytochrome c oxidase subunit 5A mitochondrial	Cox5a	16.13	5776.28	5
COX5B_RAT	P12075	Cytochrome c oxidase subunit 5B mitochondrial	Cox5b	13.92	4351.65	6
CP20A_RAT	Q6P7D4	Cytochrome P450 20A1	Cyp20a1	52.00	2134.28	14
CX6C2_RAT	P11951	Cytochrome c oxidase subunit 6C2	Cox6c2	8.46	4565.52	4
CYBP_RAT	Q6AYK6	Calcyclin-binding protein	Cacybp	26.54	1038.41	7
CYC_RAT	P62898	Cytochrome c somatic	Cycs	11.61	8475.21	6
D3ZD09_RAT	D3ZD09	Cytochrome c oxidase subunit 6B1	Cox6b1	10.07	3236.07	7
D3ZGM7_RAT	D3ZGM7	Peptidase inhibitor 16	Pi16	52.15	747.31	3
D3ZN21_RAT	D3ZN21	ATP-dependent RNA helicase DDX3Y	Ddx3y	72.99	1314.29	13
D3ZNQ6_RAT	D3ZNQ6	NEDD8-conjugating enzyme Ubc12	Ube2m	20.90	4121.65	6
D3ZPP2_RAT	D3ZPP2	ADP-ribosylation factor-like protein 8A	Arl8a	21.39	1338.81	5
D3ZPR0_RAT	D3ZPR0	Exportin-2	Cse1l	110.21	805.23	11
D3ZRN3_RAT	D3ZRN3	Beta-actin-like protein 2	Actbl2	41.96	20353.75	13
D3ZSA9_RAT	D3ZSA9	Nodal modulator 1	Nomo1	133.44	750.75	16
D3ZV75_RAT	D3ZV75	Major facilitator superfamily domain-containing protein 1	Mfsd1	51.20	583.26	1
D3ZYS7_RAT	D3ZYS7	Ras GTPase-activating protein 1	G3bp1	51.79	876.93	6
D3ZYW2_RAT	Q499R8	Heterogeneous nuclear ribonucleoprotein H	Hnrnph1	20.58	3022.02	9
D3ZZR9_RAT	D3ZZR9	Peptidylprolyl isomerase	Fkbp2	15.39	7827.55	4
D4A0Y9_RAT	D4A0Y9	Phosphatidylcholine translocator ABCB4	Abcb1b	141.05	356.53	8
D4A133_RAT	D4A133	V-type proton ATPase catalytic subunit A	Atp6v1a	68.27	963.97	17
D4A1D8_RAT	D4A1D8	Surfeit 4	Surf4	30.38	1071.58	3
D4A3S8_RAT	D4A3S8	NOL1/NOP2/Sun domain family member 2	Nsun2	88.09	666.64	10
D4A6A2_RAT	D4A6A2	Heterogeneous nuclear ribonucleoprotein A3-like	LOC100911361	36.91	1700.26	7
D4A720_RAT	D4A720	Serine/arginine-rich splicing factor 7 isoform 2	Srsf7	27.38	2400.56	5
D4A7U1_RAT	D4A7U1	Zyxin	Zyx	60.30	2967.96	8
D4A7U6_RAT	D4A7U6	U6 snRNA-associated Sm-like protein LSm3	Lsm3	11.85	1542.28	2
D4A9L2_RAT	D4A9L2	Serine/arginine-rich splicing factor 1	Srsf1	27.75	4640.91	7

D4A9X7_RAT	D4A9X7	Hypermethylated in cancer 2 protein	Hic2	67.20	320.60	4
D4AAE9_RAT	D4AAE9	CDGSH iron-sulfur domain-containing protein 2	Cisd2	15.29	4059.60	2
D4ADD7_RAT	D4ADD7	Glutaredoxin 5	Glrx5	16.43	7892.59	2
D4ADS9_RAT	D4ADS9	EFR3 homolog A	Efr3a	92.52	558.92	13
D4AEG2_RAT	D4AEG2	Ras-related protein Rab-32	Rab32	25.26	883.24	5
D4AEP0_RAT	D4AEP0	Adenylosuccinate synthetase isozyme 2	Adss	50.09	2287.64	6
DHSA_RAT	Q920L2	Succinate dehydrogenase [ubiquinone] flavoprotein subunit mitochondrial	Sdha	71.62	3794.74	13
DOPD_RAT	P80254	D-dopachrome decarboxylase	Ddt	13.13	650.05	3
DUT_RAT	P70583	Deoxyuridine 5'-triphosphate nucleotidohydrolase	Dut	22.00	2153.78	5
DX39B_RAT	Q63413	Spliceosome RNA helicase Ddx39b	Ddx39b	49.04	1057.85	9
E9PSV5_RAT	E9PSV5	Phosphoserine aminotransferase	Psat1	40.49	1062.32	7
E9PT29_RAT	E9PT29	ATP-dependent RNA helicase DDX17	Ddx17	72.46	2327.21	10
E9PT65_RAT	E9PT65	Radixin	Rdx	68.49	645.19	8
E9PTW1_RAT	E9PTW1	Secretory carrier-associated membrane protein	Scamp3	38.50	289.38	5
E9PTX9_RAT	E9PTX9	Solute carrier family 12 member 2	Slc12a2	130.37	1782.78	12
E9PU78_RAT	E9PU78	Isoform Bcl-X(S) of Bcl-2-like protein 1	---	19.06	348.72	3
EF1A1_RAT	P62630	Elongation factor 1-alpha 1	Eef1a1	50.11	16649.03	11
EF1G_RAT	Q68FR6	Elongation factor 1-gamma	Eef1g	50.06	1306.83	8
EF2_RAT	P05197	Elongation factor 2	Eef2	95.28	17558.08	34
ENOA_RAT	P04764	Alpha-enolase	Eno1	47.13	67299.46	25
ENOB_RAT	P15429	Beta-enolase	Eno3	47.01	12346.33	12
ENPL_RAT	Q66HD0	Endoplasmin	Hsp90b1	92.77	8923.66	26
ERO1A_RAT	Q8R4A1	ERO1-like protein alpha	Ero1a	54.02	1337.72	9
ERP29_RAT	P52555	Endoplasmic reticulum resident protein 29	Erp29	28.58	5384.18	4
EZRI_RAT	P31977	Ezrin	Ezr	69.39	3834.35	13
F10A1_RAT	P50503	Hsc70-interacting protein	St13	41.28	3653.34	7
F1LM33_RAT	F1LM33	Leucine-rich PPR motif-containing protein mitochondrial isoform	Lrpprc	156.68	666.82	18
F1LM66_RAT	F1LM66	116 kDa U5 small nuclear ribonucleoprotein component	Eftud2	109.35	1261.28	7
F1LM82_RAT	F1LM82	Heterogeneous nuclear ribonucleoproteins A2/B1	Hnrnpa2b1	32.47	6670.34	10
F1LMM5_RAT	F1LMM5	Arachidonate 5-lipoxygenase	Alox5	78.13	1841.63	16
F1LMP7_RAT	F1LMP7	Granulins	Grn	56.65	838.66	7
F1LPV0_RAT	F1LPV0	Asparagine--tRNA ligase, cytoplasmic	Nars	64.13	788.27	9
F1LQ81_RAT	F1LQ81	Vesicle-fusing ATPase	Nsf	82.63	4215.60	17
F1LQJ7_RAT	F1LQJ7	Phosphoenolpyruvate carboxykinase [GTP], mitochondrial	Pck2	71.21	471.15	8
F1LRK1_RAT	F1LRK1	Sodium/potassium-transporting ATPase subunit alpha	Atp4a	114.04	92.21	11
F1LSN4_RAT	F1LSN4	Fibroblast growth factor receptor	Fgfr3	87.67	130.74	10
F1LVV4_RAT	F1LVV4	Protein RCC2	Rcc2	46.65	1350.43	7
F1LZW6_RAT	F1LZW6	Solute carrier family 25 member 13	Slc25a13	54.10	1622.14	13

F1M0G0_RAT	F1M0G0	Regulator of G-protein signaling 17	Rgs17	24.32	1702.56	6
F1M0J3_RAT	F1M0J3	Sodium bicarbonate cotransporter 3, isophorm 4	Slc4a7	126.85	406.78	11
F1M2K3_RAT	F1M2K3	Small ubiquitin-related modifier	Sumo2	10.77	10781.10	1
F1M2P8_RAT	F1M2P8	Protein kinase C alpha	Prkca	72.77	335.43	9
F1M4T3_RAT	B2RYQ5	Enhancer of rudimentary homolog	Erh	12.26	520.09	2
F1M7T6_RAT	F1M7T6	Translocon-associated protein subunit gamma	Ssr3	7.38	976.79	2
F1M8X9_RAT	F1M8X9	Golgi brefeldin A-resistant guanine nucleotide exchange factor 1	Gbf1	206.52	487.28	14
F7EPH4_RAT	F7EPH4	Inorganic Pyrophosphatase	Ppa1	32.77	3875.81	8
F7EWC1_RAT	F7EWC1	Vasodilator-stimulated phosphoprotein	Vasp	39.49	418.42	5
F7F4S8_RAT	B2RYB8	Integrin beta 2	Itgb2	84.82	658.56	12
F7FFV2_RAT	F7FFV2	keratin 5	Krt5	44.02	1939.83	7
F7FP91_RAT	Q95II0	MHC class Ib antigen	RT1-CE5	42.23	4291.37	4
FCERB_RAT	P13386	High affinity immunoglobulin epsilon receptor subunit beta	Ms4a2	26.73	1896.05	4
FEN1_RAT	Q5XIP6	Flap endonuclease 1	Fen1	42.61	557.15	4
FGR_RAT	Q6P6U0	Tyrosine-protein kinase Fgr	Fgr	58.82	140.71	5
FKB1A_RAT	Q62658	Peptidyl-prolyl cis-trans isomerase FKBP1A	Fkbp1a	11.92	4920.10	3
FPPS_RAT	P05369	Farnesyl pyrophosphate synthase	Fdps	40.83	552.94	9
G3P_RAT	P04797	Glyceraldehyde-3-phosphate dehydrogenase	Gapdh	35.83	31578.66	10
G3V679_RAT	G3V679	Transferrin receptor protein 1	Tfrc	85.88	840.95	15
G3V6D3_RAT	G3V6D3	ATP synthase subunit beta	Atp5f1b	56.35	30347.52	6
G3V6G5_RAT	G3V6G5	F-box-like/WD repeat-containing protein TBL1X	Tbl1x	56.80	308.26	6
G3V6P7_RAT	G3V6P7	Myosin heavy chain 9	Myh9	226.41	458.29	30
G3V6P8_RAT	G3V6P8	Guanine nucleotide-binding protein gamma-12	Gng12	7.99	12311.67	3
G3V6T7_RAT	G3V6T7	Protein disulfide-isomerase A4	Pdia4	72.75	3414.59	20
G3V6W2_RAT	G3V6W2	Prolactin regulatory element-binding protein	Preb	45.37	360.95	3
G3V741_RAT	G3V741	Solute carrier family 25 member 3	Slc25a3	39.53	10300.27	9
G3V7J7_RAT	G3V7J7	Eukaryotic translation initiation factor 5A-2	Eif5a2	16.79	1875.77	6
G3V7Q7_RAT	G3V7Q7	Ras GTPase-activating-like protein IQGAP1	Iqgap1	188.83	652.63	17
G3V852_RAT	G3V852	Talin-1	Tln1	269.67	737.61	31
G3V8A5_RAT	G3V8A5	Vacuolar protein sorting-associated protein 35	Vps35	91.73	564.08	9
G3V8C4_RAT	G3V8C4	Chloride intracellular channel protein 4	Clic4	28.67	4051.87	7
G3V8G5_RAT	G3V8G5	Golgi apparatus protein 1	Glg1	133.55	545.01	9
G3V908_RAT	G3V908	keratin, type II Kb15	Kb15	57.61	1787.99	7
G3V936_RAT	G3V936	Citrate synthase	Cs	51.83	1051.28	10
G3V993_RAT	G3V993	SAM domain, SH3 domain and nuclear localization signals, 1 (SAMNS1)	Samsn1	40.73	2311.95	8
G3V9A3_RAT	G3V9A3	14-3-3 protein sigma	Sfn	27.75	2008.64	5
G3V9U7_RAT	G3V9U7	Sarcoplasmic/endoplasmic reticulum calcium ATPase 3 (SERCA3)	Atp2a3	109.37	317.82	15
GBB1_RAT	P54311	Transducin beta-1	Gnb1	37.38	310.34	10

GBB2_RAT	P54313	Transducin beta-2	Gnb2	37.33	1658.05	9
GDIA_RAT	P50398	Rab GDP dissociation inhibitor alpha	Gdi1	50.54	2846.46	9
GDIB_RAT	P50399	Rab GDP dissociation inhibitor beta	Gdi2	50.54	8115.68	11
GDIR1_RAT	Q5XI73	Rho GDP dissociation inhibitor 1	Arhgdia	23.41	45101.02	7
GELS_RAT	Q68FP1	Gelsolin	Gsn	86.07	1453.52	10
GFAP_RAT	P47819	Glial fibrillary acidic protein	Gfap	49.96	161.47	5
GLOD4_RAT	Q5I0D1	Glyoxalase domain-containing protein 4	Glod4	33.27	2020.22	8
GNAI2_RAT	P04897	Guanine nucleotide-binding protein G(i) subunit alpha-2	Gnai2	40.50	4498.67	16
GNAI3_RAT	P08753	Guanine nucleotide-binding protein G(k) subunit alpha	Gnai3	40.52	1366.32	10
GNAS1_RAT	Q63803	Guanine nucleotide-binding protein G(s) subunit alpha isoforms XLas	Gnas	122.89	1083.32	3
GNAS2_RAT	P63095	Guanine nucleotide-binding protein G(s) subunit alpha	Gnas	45.66	1301.58	8
GNAZ_RAT	P19627	Guanine nucleotide-binding protein G(z) subunit alpha	Gnaz	40.88	1912.17	8
GPDM_RAT	P35571	Glycerol-3-phosphate dehydrogenase mitochondrial	Gpd2	80.97	413.42	8
GRP75_RAT	P48721	Mortalin	Hspa9	73.86	4225.23	16
GRP78_RAT	P06761	Endoplasmic reticulum chaperone BiP	Hspa5	72.35	23724.92	28
GTR1_RAT	P11167	Solute carrier family 2, facilitated glucose transporter member 1	Slc2a1	53.96	797.33	3
GTR3_RAT	Q07647	Solute carrier family 2, facilitated glucose transporter member 3	Slc2a3	53.58	4665.32	9
H14_RAT	P15865	Histone H1.4	Hist1h1e	21.99	3178.50	6
H4_RAT	P62804	Histone H4	Hist1h4b; Hist1h4m; Hist4h4	11.37	2107.98	4
HAP28_RAT	Q62785	28 kDa heat- and acid-stable phosphoprotein	Pdap1	20.61	3318.89	3
HMCS1_RAT	P17425	Hydroxymethylglutaryl-CoA synthase cytoplasmic	Hmgcs1	57.43	1203.94	9
HS90A_RAT	P82995	Heat shock protein HSP 90-alpha	Hsp90aa1	84.82	16741.41	27
HS90B_RAT	P34058	Heat shock protein HSP 90-beta	Hsp90ab1	83.28	34505.82	32
HSP72_RAT	P14659	Heat shock-related 70 kDa protein 2	Hspa2	69.64	24993.69	16
HSP74_RAT	O88600	Heat shock 70 kDa protein 4	Hspa4	94.06	3185.07	22
HXK1_RAT	P05708	Hexokinase-1	Hk1	102.41	352.55	17
HXK2_RAT	P27881	Hexokinase-2	Hk2	102.54	79.98	6
ICK_RAT	Q62726	Serine/threonine-protein kinase ICK	Ick	70.57	130.74	3
IF4A2_RAT	Q5RKI1	Eukaryotic initiation factor 4A-II	Eif4a2	46.40	4299.29	10
IF4A3_RAT	Q3B8Q2	Eukaryotic initiation factor 4A-III	Eif4a3	46.84	709.67	7
IF5A1_RAT	Q3T1J1	Eukaryotic translation initiation factor 5A-1	Eif5a	16.83	2240.27	7
IF6_RAT	Q3KRD8	Eukaryotic translation initiation factor 6	Eif6	26.57	2731.00	5
ILEUA_RAT	Q4G075	Leukocyte elastase inhibitor	Serpinb1a	42.73	1485.99	8
ILRL1_RAT	Q62611	Interleukin 1 receptor-like 1	Il1rl1	64.41	970.66	10
IMB1_RAT	P52296	Importin subunit beta-1	Kpnb1	97.12	727.21	10
IMMT_RAT	Q3KR86	MICOS complex subunit Mic60	Immt	67.18	2906.70	13
ITFG3_RAT	Q5M7W6	Protein FAM234A	Fam234a	60.64	348.83	7
ITM2C_RAT	Q5PQL7	Integral membrane protein 2C	Itm2c	30.48	2043.92	5

K1C10_RAT	Q6IFW6	Keratin, type I cytoskeletal 10	Krt10	56.51	299.44	6
K1C14_RAT	Q6IFV1	Keratin, type I cytoskeletal 14	Krt14	52.68	662.16	7
K1C15_RAT	Q6IFV3	Keratin, type I cytoskeletal 15	Krt15	48.87	703.90	11
K1C17_RAT	Q6IFU8	Keratin, type I cytoskeletal 17	Krt17	48.12	706.33	8
K2C1_RAT	Q6IMF3	Keratin, type II cytoskeletal 1	Krt1	64.83	2068.50	11
K2C1B_RAT	Q6IG01	Keratin, type II cytoskeletal 1B	Krt77	57.26	936.67	7
K2C5_RAT	Q6P6Q2	Keratin, type II cytoskeletal 5	Krt5	61.83	1967.47	8
K2C6A_RAT	Q4FZU2	Keratin, type II cytoskeletal 6A	Krt6a	59.25	2511.33	7
K2C73_RAT	Q6IG03	Keratin, type II cytoskeletal 73	Krt73	60.39	1167.59	7
K2C75_RAT	Q6IG05	Keratin, type II cytoskeletal 75	Krt75	59.03	1766.46	9
K2C8_RAT	Q10758	Keratin, type II cytoskeletal 8	Krt8	54.02	99.78	8
KAP0_RAT	P09456	cAMP-dependent protein kinase type I-alpha regulatory subunit	Prkar1a	43.10	5804.33	8
KCY_RAT	Q4KM73	UMP-CMP kinase	Cmpk1	22.17	2624.88	6
KPYM_RAT	P11980	Pyruvate kinase PKM	Pkm	57.82	25113.64	25
KPYR_RAT	P12928	Pyruvate kinase PKLR	Pklr	62.20	1366.61	6
LAP2_RAT	Q62733	Lamina-associated polypeptide 2 isoform beta	Tmpo	50.28	2803.44	14
LAT_RAT	O70601	Linker for activation of T-cells family member 1 (LAT)	Lat	26.19	1279.26	5
LCK_RAT	Q01621	Tyrosine-protein kinase LCK	Lck	57.89	130.74	5.3
LDHA_RAT	P04642	L-lactate dehydrogenase A chain	Ldha	36.45	26968.88	17
LEG1_RAT	P11762	Galectin-1	Lgals1	14.86	7991.49	4
LPPRC_RAT	Q5SGE0	Leucine-rich PPR motif-containing protein mitochondrial	Lrpprc	156.65	996.19	18
LRC59_RAT	Q5RJR8	Leucine-rich repeat-containing protein 59	Lrrc59	34.87	1701.89	6
LTOR1_RAT	Q6P791	Ragulator complex protein LAMTOR1	Lamtor1	17.72	3092.09	5
LYN_RAT	Q07014	Tyrosine-protein kinase Lyn	Lyn	58.66	590.98	17
M0R5K9_RAT	M0R5K9	40S ribosomal protein S18	---	17.66	2436.05	5
M0R866_RAT	M0R866	Uncharacterized protein	---	27.02	1094.06	7
M0R9L0_RAT	M0R9L0	Nascent polypeptide-associated complex subunit alpha	Naca	220.20	6601.05	14
M0RAU0_RAT	M0RAU0	Advanced glycosylation end product-specific receptor	Ager	13.93	2946.14	2
M0RDJ4_RAT	M0RDJ4	Glia maturation factor beta	Gmfb	16.45	2318.48	5
MAK_RAT	P20793	Serine/threonine-protein kinase MAK	Mak	69.90	130.74	4.3
MANF_RAT	P0C5H9	Mesencephalic astrocyte-derived neurotrophic factor	Manf	20.39	1906.83	6
MARE1_RAT	Q66HR2	Microtubule-associated protein RP/EB family member 1	Mapre1	30.00	3227.68	7
MDHC_RAT	O88989	Malate dehydrogenase cytoplasmic	Mdh1	36.48	5681.27	10
MDHM_RAT	P04636	Malate dehydrogenase mitochondrial	Mdh2	35.68	29096.08	15
MK03_RAT	P21708	Mitogen-activated protein kinase 3	Mapk3	43.08	795.09	5
MOT1_RAT	P53987	Monocarboxylate transporter 1	Slc16a1	53.24	1041.20	2
MPRD_RAT	Q6AY20	Cation-dependent mannose-6-phosphate receptor	M6pr	31.10	2601.04	6
MTPN_RAT	P62775	Myotrophin	Mtpn	12.86	17148.85	1

MYL6_RAT	Q64119	Myosin light polypeptide 6	Myl6	16.98	4308.61	5
NCF2_RAT	A7E3N2	Neutrophil cytosol factor 2	Ncf2	59.57	292.81	7
NCPR_RAT	P00388	NADPH--cytochrome P450 reductase	Por	76.96	850.87	14
NDKA_RAT	Q05982	Nucleoside diphosphate kinase A	Nme1	17.19	13543.53	6
NDKB_RAT	P19804	Nucleoside diphosphate kinase B	Nme2	17.28	10973.40	5
NDUS1_RAT	Q66HF1	NADH-ubiquinone oxidoreductase 75 kDa subunit mitochondrial	Ndufs1	79.41	478.50	12
NDUV2_RAT	P19234	NADH dehydrogenase [ubiquinone] flavoprotein 2 mitochondrial	Ndufv2	27.38	1011.01	5
NEDD4_RAT	Q62940	E3 ubiquitin-protein ligase NEDD4	Nedd4	102.40	725.16	9
NHRF1_RAT	Q9JJ19	Na(+)/H(+) exchange regulatory cofactor NHE-RF1	Slc9a3r1	38.83	404.97	8
NICA_RAT	Q8CGU6	Nicastrin	Ncstn	78.40	574.06	5
NP1L4_RAT	Q5U2Z3	Nucleosome assembly protein 1-like 4	Nap1l4	43.92	586.05	3
NPM_RAT	P13084	Nucleophosmin	Npm1	32.56	2741.26	2.8
NQO1_RAT	P05982	NAD(P)H dehydrogenase [quinone] 1	Nqo1	30.95	30225.76	8
NSDHL_RAT	Q5PPL3	Sterol-4-alpha-carboxylate 3-dehydrogenase decarboxylating	Nsdhl	40.41	281.17	5
NSF1C_RAT	O35987	NSFL1 cofactor p47	Nsf1c	40.68	2478.01	10
NTF2_RAT	P61972	Nuclear transport factor 2	Nutf2	14.48	2377.15	3
NUCL_RAT	P13383	Nucleolin	Ncl	77.15	2332.35	17
ODP2_RAT	P08461	Pyruvate dehydrogenase component E2	Dlat	67.17	986.99	8
ORN_RAT	Q5U1X1	Oligoribonuclease mitochondrial	Rexo2	26.75	617.30	7
OTUB1_RAT	B2RYG6	Ubiquitin thioesterase OTUB1	Otub1	31.27	1483.33	6
PAIRB_RAT	Q6AXS5	Plasminogen activator inhibitor 1 RNA-binding protein	Serbp1	44.75	10414.05	8
PARK7_RAT	O88767	Protein/nucleic acid deglycase DJ-1	Park7	19.97	12049.97	7
PCNA_RAT	P04961	Proliferating cell nuclear antigen	Pcna	28.75	8018.69	7
PDIA1_RAT	P04785	Protein disulfide-isomerase	P4hb	56.95	17035.55	26
PDIA3_RAT	P11598	Protein disulfide-isomerase A3	Pdia3	56.62	13336.71	26
PDIA6_RAT	Q63081	Protein disulfide-isomerase A6	Pdia6	48.17	10114.17	11
PEBP1_RAT	P31044	Phosphatidylethanolamine-binding protein 1	Pebp1	20.80	34833.09	8
PGAM1_RAT	P25113	Phosphoglycerate mutase 1	Pgam1	28.83	15635.43	9
PGH2_RAT	P35355	Prostaglandin G/H synthase 2	Ptgs2	69.16	334.63	7
PGK1_RAT	P16617	Phosphoglycerate kinase 1	Pgk1	44.54	24901.38	19
PGRC1_RAT	P70580	Membrane-associated progesterone receptor component 1	Pgrmc1	21.60	505.15	4
PHB_RAT	P67779	Prohibitin	Phb	29.82	4371.60	12
PHB2_RAT	Q5XIH7	Prohibitin 2	Phb2	33.31	1214.79	8
PLS1_RAT	P58195	Phospholipid scramblase 1	Plscr1	36.71	679.03	5
PP2AA_RAT	P63331	Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform	Ppp2ca	35.61	674.64	6
PPIA_RAT	P10111	Peptidyl-prolyl cis-trans isomerase A	Ppia	17.87	47501.08	12
PPIB_RAT	P24368	Peptidyl-prolyl cis-trans isomerase B	Ppib	23.80	6691.57	11
PRAF3_RAT	Q9ES40	PRA1 family protein 3	Arl6ip5	21.55	717.39	3

PRDX1_RAT	Q63716	Peroxiredoxin-1	Prdx1	22.11	29448.13	11
PRDX2_RAT	P35704	Peroxiredoxin-2	Prdx2	21.78	4001.95	6
PROF1_RAT	P62963	Profilin-1	Pfn1	14.96	50467.21	7
PUR9_RAT	O35567	Bifunctional purine biosynthesis protein PURH	Atic	64.21	3332.23	15
PYGL_RAT	P09811	Glycogen phosphorylase liver form	Pygl	97.48	289.66	13
Q2I6B2_RAT	Q2I6B2	V-type proton ATPase subunit A1	Atp6v0a1	95.59	1994.21	15
Q32PX6_RAT	Q32PX6	Rho-related GTP-binding protein RhoG	Rhog	21.31	12262.52	8
Q4G002_RAT	Q4G002	Histocompatibility 2 T region locus 24	RT1-T24-4	42.46	4123.62	4
Q4KM97_RAT	Q4KM97	Tyrosine-protein kinase BLK	Blk	56.65	226.26	8
Q4V7D1_RAT	Q4V7D1	Translocon-associated protein subunit alpha	Ssr1	32.21	1369.80	3
Q4V7D9_RAT	Q4V7D9	Acid sphingomyelinase-like phosphodiesterase 3B	Smpdl3b	51.65	2105.85	7
Q5M7T6_RAT	Q5M7T6	V-type proton ATPase subunit D 1	Atp6v0d1	40.30	843.55	11
Q5M860_RAT	Q5M860	Rho GDP dissociation inhibitor 2	Arhgdib	22.88	33388.18	9
Q5RJK5_RAT	Q5RJK5	Chromobox 3	Cbx3	20.81	7670.66	5
Q5U1Y2_RAT	Q5U1Y2	Ras-related C3 botulinum toxin substrate 2 (Rac2)	Rac2	21.44	9647.45	7
Q5U362_RAT	Q5U362	Annexin A4	Anxa4	35.89	1216.83	7
Q5U3Z7_RAT	Q5U3Z7	Serine hydroxymethyltransferase	Shmt2	55.77	2111.16	11
Q5XI34_RAT	Q5XI34	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform	Ppp2r1a	65.32	510.75	10
Q5XI38_RAT	Q5XI38	Lymphocyte cytosolic protein 1	Lcp1	70.12	4833.94	12
Q5XI77_RAT	Q5XI77	Annexin A11	Anxa11	54.16	2775.25	11
Q5XIM7_RAT	Q5XIM7	Lysine--tRNA ligase	Kars	71.62	319.66	10
Q5XIV1_RAT	Q5XIV1	Phosphoglycerate kinase 2	Pgk2	45.01	4224.74	9
Q63116_RAT	Q63116	Mast/stem cell growth factor receptor	Kit	109.34	274.17	12
Q68FX4_RAT	Q68FX4	Hematopoietic cell-specific LYN substrate 1 (hcls1)	Hcls1	52.82	1030.79	8
Q6AYD3_RAT	Q6AYD3	Proliferation-associated protein 2G4	Pa2g4	43.66	2398.25	11
Q6AYI1_RAT	Q6AYI1	Probable ATP-dependent RNA helicase DDX5	Ddx5	69.24	2618.88	14
Q6IFU9_RAT	Q6IFU9	keratin 16	Krt16	50.78	550.92	6
Q6IN37_RAT	Q6IN37	GM2 ganglioside activator	Gm2a	21.49	13499.93	5
Q6MGA3_RAT	Q6MGA3	Antigen peptide transporter 2	Tap2	77.75	710.30	7
Q6P3V8_RAT	Q6P3V8	Eukaryotic initiation factor 4A-I	Eif4a1	46.15	7441.99	10
Q6P685_RAT	Q6P685	Eukaryotic translation initiation factor 2 subunit 2	Eif2s2	38.24	2854.59	6
Q6P6T6_RAT	Q6P6T6	Cathepsin D	Ctsd	44.62	7200.07	10
Q6TXF3_RAT	Q6TXF3	Acyl-CoA-binding protein	Dbi	66.45	9389.79	5
Q76GL9_RAT	Q76GL9	Neutral amino acid transporter A	Slc1a4	55.90	585.50	2
Q78P65_RAT	Q78P65	Rap2A-like protein	Rap2a	11.95	1466.66	7.6
Q7TP15_RAT	Q7TP15	S-methyl-5'-thioadenosine phosphorylase	Mtap	43.08	549.50	3
Q9JKB7_RAT	Q9JKB7	Guanine deaminase	Gda	50.90	1391.87	10
Q9QX80_RAT	Q9QX80	Heterogeneous nuclear ribonucleoprotein A/B	Hnrnpab	30.85	4882.10	6

QCR1_RAT	Q68FY0	Cytochrome b-c1 complex subunit 1 mitochondrial	Uqcrc1	52.85	2700.23	9
QCR2_RAT	P32551	Cytochrome b-c1 complex subunit 2 mitochondrial	Uqcrc2	48.40	2697.00	10
QCR6_RAT	Q5M9I5	Cytochrome b-c1 complex subunit 6 mitochondrial	Uqcrh	10.42	13352.32	1
R9PXR7_RAT	B2GV92	Prostaglandin E synthase 3	Ptges3	18.72	1704.81	7
R9PXU4_RAT	R9PXU4	Thioredoxin reductase 1 cytoplasmic	Txnrd1	54.51	651.76	6
RAB15_RAT	P35289	Ras-related protein Rab-15	Rab15	24.28	441.17	3
RAB1A_RAT	Q6NYB7	Ras-related protein Rab-1a	Rab1A	22.68	18707.79	9
RAB2A_RAT	P05712	Ras-related protein Rab-2a	Rab2a	23.54	5913.19	9
RAB35_RAT	Q5U316	Ras-related protein Rab-35	Rab35	23.03	9690.18	4
RAB4B_RAT	P51146	Ras-related protein Rab-4b	Rab4b	23.63	7202.53	5
RAB7A_RAT	P09527	Ras-related protein Rab-7a	Rab7a	23.50	2888.40	8
RAB8B_RAT	P70550	Ras-related protein Rab-8b	Rab8b	23.60	8159.46	5
RAC1_RAT	Q6RUV5	Ras-related C3 botulinum toxin substrate 1 (Rac1)	Rac1	21.45	7675.92	6
RACK1_RAT	P63245	Receptor of activated protein C kinase 1 (RACK1)	Rack1	35.08	10611.07	13
RAN_RAT	P62828	GTP-binding nuclear protein Ran	Ran	24.42	25542.29	8
RAP1A_RAT	P62836	Ras-related protein Rap-1a	Rap1a	20.99	5357.49	8
RAP1B_RAT	Q62636	Ras-related protein Rap-1b	Rap1b	20.80	9674.37	9
RAP2B_RAT	P61227	Ras-related protein Rap-2b	Rap2b	20.50	4624.50	6
RB11B_RAT	O35509	Ras-related protein Rab-11b	Rab11b	24.49	4738.40	5
RGS19_RAT	O70521	Regulator of G-protein signaling 19	Rgs19	24.74	2000.75	6
RHOA_RAT	P61589	Transforming protein RhoA	Rhoa	21.78	13836.53	7
RL10A_RAT	P62907	60S ribosomal protein L10a	Rpl10a	24.83	1439.95	6
RL30_RAT	P62890	60S ribosomal protein L30	Rpl30	12.78	3993.24	3
RL40_RAT	P62986	Ubiquitin-60S ribosomal protein L40	Uba52	14.73	35049.19	6
RL5_RAT	P09895	60S ribosomal protein L5	Rpl5	34.46	1356.49	9
RL7_RAT	P05426	60S ribosomal protein L7	Rpl7	30.33	809.21	2.3
RLA1_RAT	P19944	60S acidic ribosomal protein P1	Rplp1	11.50	14697.37	3
RLA2_RAT	P02401	60S acidic ribosomal protein P2	Rplp2	11.69	11381.50	4
ROA3_RAT	Q6URK4	Heterogeneous nuclear ribonucleoprotein A3	Hnrnpa3	39.65	1531.91	7
RPN1_RAT	P07153	Dolichyl-diphosphooligosaccharide protein glycosyltransferase subunit 1	Rpn1	68.30	4482.31	18
RPN2_RAT	P25235	Dolichyl-diphosphooligosaccharide protein glycosyltransferase subunit 2	Rpn2	69.08	2932.00	9
RS19_RAT	P17074	40S ribosomal protein S19	Rps19	16.09	2635.92	5
RS28_RAT	P62859	40S ribosomal protein S28	Rps28	7.84	11656.72	2
RS3_RAT	P62909	40S ribosomal protein S3	Rps3	26.67	3086.85	11
RS7_RAT	P62083	40S ribosomal protein S7	Rps7	22.13	1601.40	4
RS8_RAT	P62243	40S ribosomal protein S8	Rps8	24.21	2727.93	7
RSSA_RAT	P38983	40S ribosomal protein SA	Rpsa	32.82	15306.53	7
RTN4_RAT	Q9JK11	Reticulon-4	Rtn4	126.39	600.97	11

S38A2_RAT	Q9JHE5	Sodium-coupled neutral amino acid transporter 2	Slc38a2	55.55	1988.21	3
SAE1_RAT	Q6AXQ0	SUMO-activating enzyme subunit 1	Sae1	38.51	1620.00	6
SAP_RAT	P10960	Prosaposin	Psap	61.12	2213.07	10
SC22B_RAT	Q4KM74	Vesicle-trafficking protein SEC22b	Sec22b	24.74	3487.08	6
SEPT2_RAT	Q91Y81	Septin-2	Sept2	41.59	701.70	5
SERA_RAT	O08651	D-3-phosphoglycerate dehydrogenase	Phgdh	56.49	1111.31	9
SET_RAT	Q63945	Protein SET	Set	33.41	6928.88	4
SFXN1_RAT	Q63965	Sideroflexin-1	Sfxn1	35.55	1833.89	7
SNAA_RAT	P54921	Alpha-soluble NSF attachment protein (SNAP-alpha)	Napa	33.19	486.89	8
SND1_RAT	Q66X93	Staphylococcal nuclease domain-containing protein 1	Snd1	101.95	5635.33	25
SODC_RAT	P07632	Superoxide dismutase [Cu-Zn]	Sod1	15.91	19388.87	8
SRSF2_RAT	Q6PDU1	Serine/arginine-rich splicing factor 2	Srsf2	25.48	2693.82	5
STX12_RAT	G3V7P1	Syntaxin-12	Stx12	31.19	2343.64	8
SYAC_RAT	P50475	Alanine--tRNA ligase cytoplasmic	Aars	106.79	410.41	13
SYG_RAT	Q5I0G4	Glycine--tRNA ligase	Gars	72.03	1604.88	13
SYSC_RAT	Q6P799	Serine--tRNA ligase cytoplasmic	Sars	58.59	895.43	8
SYYC_RAT	Q4KM49	Tyrosine--tRNA ligase cytoplasmic	Yars	59.12	1173.85	16
TAGL2_RAT	Q5XFX0	Transgelin-2	Tagln2	22.39	23459.84	10
TBA1A_RAT	P68370	Tubulin alpha-1A	Tuba1a	50.14	42173.61	17
TBA1C_RAT	Q6AYZ1	Tubulin alpha-1C	Tuba1c	49.94	28941.29	15
TBA4A_RAT	Q5XIF6	Tubulin alpha-4A	Tuba4a	49.92	12377.59	13
TBB2A_RAT	P85108	Tubulin beta-2A	Tubb2a	49.91	31653.95	16
TBB2B_RAT	Q3KRE8	Tubulin beta-2B	Tubb2b	49.95	31408.71	17
TBB3_RAT	Q4QRB4	Tubulin beta-3	Tubb3	50.42	9224.14	11
TBB4B_RAT	Q6P9T8	Tubulin beta-4B	Tubb4b	49.80	10186.00	16
TBB5_RAT	P69897	Tubulin beta-5	Tubb5	49.67	38708.10	16
TCP4_RAT	Q63396	Activated RNA polymerase II transcriptional coactivator p15	Sub1	14.44	3159.79	4
TERA_RAT	P46462	Transitional endoplasmic reticulum ATPase	Vcp	89.35	1961.14	16
THIO_RAT	P11232	Thioredoxin	Txn	11.67	19963.77	5
THY1_RAT	P01830	Thy-1 membrane glycoprotein	Thy1	18.17	1348.38	5
TKT_RAT	P50137	Transketolase	Tkt	67.64	16757.68	22
TM165_RAT	Q4V899	Transmembrane protein 165	Tmem165	34.81	1066.11	4
TMED7_RAT	D3ZTX0	Transmembrane emp24 domain-containing protein 7	Tmed7	25.48	2409.23	5
TMED9_RAT	Q5I0E7	Transmembrane emp24 domain-containing protein 9	Tmed9	27.03	6239.15	7
TMEDA_RAT	Q63584	Transmembrane emp24 domain-containing protein 10	Tmed10	24.86	3549.54	5
TPIS_RAT	P48500	Triosephosphate isomerase	Tpi1	26.85	19579.29	12
TPM3_RAT	Q63610	Tropomyosin alpha-3	Tpm3	29.01	2366.42	13
TPM4_RAT	P09495	Tropomyosin alpha-4	Tpm4	28.51	8519.55	15

TRPV2_RAT	Q9WUD2	Transient receptor potential cation channel subfamily V member 2 (TRPV2)	Trpv2	86.71	1115.42	14
TRY1_RAT	P00762	Anionic trypsin-1	Prss1	25.96	1052.53	1
TSH3_RAT	D3ZKB9	Teashirt homolog 3	Tshz3	117.46	233.93	7.8
TXNL1_RAT	Q920J4	Thioredoxin-like protein 1	Txn1l	32.25	4646.14	8
TYB4_RAT	P62329	Thymosin beta-4	Tmsb4x	5.05	23782.26	2
UBA1_RAT	Q5U300	Ubiquitin-like modifier-activating enzyme 1	Uba1	117.79	5052.02	25
UBE2N_RAT	Q9EQX9	Ubiquitin-conjugating enzyme E2 N	Ube2n	17.12	7043.94	8
VAMP3_RAT	P63025	VAMP3	Vamp3	11.48	440.77	3
VAT1_RAT	Q3MIE4	Synaptic vesicle membrane protein VAT-1 homolog	Vat1	43.12	4179.74	8
VATB2_RAT	P62815	V-type proton ATPase subunit B	Atp6v1b2	56.55	795.64	15
VDAC1_RAT	Q9Z2L0	Voltage-dependent anion-selective channel protein 1	Vdac1	30.76	2829.24	11
VDAC2_RAT	P81155	Voltage-dependent anion-selective channel protein 2	Vdac2	31.75	695.17	10
VIME_RAT	P31000	Vimentin	Vim	53.73	1477.31	12
VWA5A_RAT	Q75WE7	Von Willebrand factor A domain-containing protein 5A	Vwa5a	91.48	5986.09	18
YBOX3_RAT	Q62764	Y-box-binding protein 3	Ybx3	38.85	421.43	4
YME1_RAT	Q925S8	ATP-dependent zinc metalloprotease YME1L1	Yme1l1	79.87	329.19	9

Header line description of worksheets	
Method	Protein identification with which Method
Protein ID	Protein identification of UniProt
Protein accession	Protein accession number of UniProt
Protein description	Protein functional description
Gene name	Indicates the name of the gene that code for the protein sequence
MW [kDa]	Protein molecular weight ,unit [kDa]
Score AVG	A simple rule to be used to judge whether a result is significant or not
Peptides AVG	Number of peptides whitch spectrum hit