

ESI, Table S1 – List of differential proteins identified in ANK and RCC microdomain samples through Progenesis LC-MS software v 4.1.

NAME	Accession ID (UNIPROT)	MW (Da)	Gravy index	Subcellular localization	Type of membrane interaction	Molecular function	RCC/ANK ratio		Protein score	Significative peptides
14-3-3 protein ε	P62258	29174	-0,54	Cyt		Ada	1,51	UP	16,55	1
14-3-3 protein β/α	P31946	28179	-0,55	Cyt		Ada	1,57	UP	88,09	2
14-3-3 protein γ	P61981	28456	-0,68	Cyt		Ada	2,08	UP	15,51	1
14-3-3 protein ζ/δ	P63104	27899	-0,62	Cyt		Ada	1,2	=	127,03	3
14-3-3 protein η	Q04917	28219	-0,62	Nu		Ada	2,7	UP	34,9	1
2',3'-cyclic-nucleotide 3'-phosphodiesterase	P09543	47948	-0,53	Mem	LA	RNA	1,26	=	39,12	1
2,4-dienoyl-CoA reductase, mitochondrial	Q16698	36330	-0,04	Org		Enz	1,02	=	56,99	1
2-oxoglutarate dehydrogenase, mitochondrial	Q02218	117059	-0,32	Org		Enz	1,01	=	161,45	5
2-oxoglutarate dehydrogenase-like, mitochondrial	Q9ULD0	115264	-0,33	Org		Enz	1,05	=	85,11	3
2-oxoglutarate DH complex component E2	P36957	49067	-0,14	Mem	PER	Enz	1,22	=	222,62	4
3-ketoacyl-CoA thiolase	P55084	51547	-0,07	Org		Enz	1,05	=	217,27	7
3-methylcrotonyl-CoA carboxylase 1	Q96RQ3	80473	-0,33	Org		Enz	0,4	DOWN	23,93	1
40S ribosomal protein S8	P62241	24205	-0,1	Cyt		RNA	0,89	=	20,49	1
5'-AMP-activated protein kinase catalytic sub α-1	Q13131	64009	-0,46	Cyt		Enz	5,1	UP	39,78	2
5'-AMP-activated protein kinase catalytic sub α-2	P54646	62850	-0,29	Nu		Enz	5,1	UP	39,78	2
5'-nucleotidase	P21589	63898	-0,14	Mem	LA	Enz	1,09	=	119,32	1
60S acidic ribosomal protein P0	P05388	34423	0,04	Nu		RNA	1,13	=	31,53	1
60S ribosomal protein L11	P62913	20468	-0,54	Nu		RNA	0,83	=	37,47	2
60S ribosomal protein L12	P30050	17979	-0,34	Nu		RNA	1,29	=	120,7	2
60S ribosomal protein L18a	Q02543	21034	-0,66	Nu		RNA	1,74	UP	91,71	2
60S ribosomal protein L30	P62888	12947	-0,29	Nu		RNA	1,7	UP	23,1	1
60S ribosomal protein L40	P62987	14728	-0,1	Cyt		Str	3,47	UP	167,19	4
60S ribosomal protein L7	P18124	29226	-0,62	Cyt		RNA	1,62	UP	29,12	1
78 kDa glucose-regulated protein	P11021	72402	-0,54	Mem	PER	Bin	1,23	=	169,08	3
84 kDa myeloperoxidase	P05164	84784	-0,34	Ex		Enz	2,15	UP	367,42	8
Acetyl-CoA acetyltransferase, mitochondrial	P24752	45456	0,09	Org		Enz	1,47	=	56,94	2
Acid ceramidase	Q13510	45087	0,09	Org		Enz	1,06	=	59,36	3
Aconitate hydratase, mitochondrial	Q99798	85425	-0,36	Org		Enz	1,11	=	27,97	2

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Actin, aortic smooth muscle	P62736	42381	-0,24	Cyt		Str	1,05	=	548	10
Actin, cytoplasmic 1	P60709	42052	-0,2	Cyt		Str	1,02	=	560,74	10
Actin-related protein 3	P61158	47797	-0,27	Cyt		Str	1,77	UP	79,43	1
Acyl-CoA-binding domain-containing protein 5	Q5T8D3	60092	-0,77	Mem	TM	Bin	0,79	=	24,52	1
Adenine phosphoribosyltransferase	P07741	19608	0,09	Cyt		Enz	1,85	UP	30,02	1
ADP/ATP translocase 1	P12235	33271	0,05	Mem	TM	Bin	0,9	=	285,16	7
ADP/ATP translocase 2	P05141	33059	0,04	Mem	TM	Tr	0,92	=	241,02	7
ADP/ATP translocase 3	P12236	33073	0,06	Mem	TM	Tr	0,91	=	225,69	8
ADP/ATP translocase 4	Q9H0C2	35022	-0,03	Cyt		Str	0,89	=	66,51	3
ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 2	Q10588	35724	-0,497	Mem	LA	Enz	0,69	=	15,63	1
ADP-ribosylation factor-like protein 8B	Q9NVJ2	21539	-0,27	Mem	PER	Str	1,47	=	36,33	2
Alcohol dehydrogenase 1C	P00326	39868	0,14	Cyt		Enz	0,76	=	39,81	1
Alkaline phosphatase, tissue-nonspecific isozyme	P05186	57611	-0,46	Mem	LA	Enz	0,47	DOWN	166,48	3
Alkaline phosphodiesterase I	O14638	101998	-0,38	Mem	TM	Enz	0,85	=	24,05	1
Amine oxidase [flavin-containing] A	P21397	60157	-0,27	Mem	TM	Enz	1,02	=	89,39	3
Amine oxidase [flavin-containing] B	P27338	59238	-0,27	Mem	TM	Enz	0,92	=	130,28	4
Aminopeptidase N (CD13)	P15144	109870	-0,32	Mem	TM	Enz	0,37	DOWN	1573,67	24
Ammonium transporter Rh type C	Q9UBD6	53600	0,45	Mem	TM	Tr	6	UP	68,46	2
Angiotensin-converting enzyme 2	Q9BYF1	92860	-0,42	Ex		Enz	0,81	=	50,07	1
Ankyrin-3	Q12955	482394	-0,65	Cyt		Str	0,84	=	48,9	2
Annexin A2	P07355	38808	-0,53	Ex		Bin	1,97	UP	75,57	3
Annexin A4	P09525	36088	-0,45	Cyt		Bin	2,09	UP	31,51	1
Apolipoprotein D	P05090	21547	-0,29	Ex		Tr	1,19	=	115,52	2
Apolipoprotein O	Q6UXV4	29311	-0,36	Ex		Tr	1,73	UP	72,71	1
Apolipoprotein O-like	Q9BUR5	22385	-0,36	Mem	TM	Tr	1,2	=	38,69	1
Apoptosis-inducing factor 1, mitochondrial	O95831	67144	-0,27	Org		Enz	1,12	=	46,9	1
Aquaporin-1	P29972	28736	0,49	Mem	TM	Tr	0,12	DOWN	197,56	2
ASM-like phosphodiesterase 3b	Q92485	51237	-0,19	Ex		Enz	0,67	DOWN	37,63	1
ATP synthase subunit b, mitochondrial	P24539	28947	-0,28	Mem	PER	Tr	0,63	DOWN	99,73	1

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ATP synthase subunit d, mitochondrial	O75947	18537	-0,56	Mem	PER	Enz	0,88	=	34,22	1
ATP synthase subunit g, mitochondrial	O75964	11421	0,22	Mem	PER	Enz	0,71	=	74,71	1
ATP synthase subunit O, mitochondrial	P48047	23377	-0,06	Mem	PER	Enz	0,81	=	50,57	1
ATP synthase subunit α , mitochondrial	P25705	59828	-0,1	Mem	PER	Enz	0,67	DOWN	389,13	6
ATP synthase subunit β , mitochondrial	P06576	56525	-0,02	Mem	PER	Enz	0,99	=	327,89	9
ATP synthase subunit γ , mitochondrial	P36542	33032	-0,2	Mem	PER	Enz	0,35	DOWN	14,01	1
ATP-binding cassette sub-family D member 3	P28288	75941	-0,13	Mem	TM	Enz	0,63	DOWN	212,47	4
Azurocidin	P20160	26886	-0,24	Cyt		Enz	1,86	UP	29,2	1
Band 3 anion transport protein	P02730	102013	0,21	Mem	TM	Tr	2,07	UP	390,64	7
Basal cell adhesion molecule	P50895	68161	-0,35	Mem	TM	Rec	1,18	=	110,72	5
Basigin	P35613	42573	-0,43	Mem	TM	Bin	2,29	UP	155,64	4
B-cell receptor-associated protein 31	P51572	28031	-0,16	Mem	TM	Tr	1,08	=	23,74	1
Bifunctional aminoacyl-tRNA synthetase	P07814	170591	-0,51	Cyt		Enz	0,77	=	13,15	1
Bone marrow stromal antigen 2	Q10589	19769	-0,16	Mem	TM	Bin	0,96	=	19,29	1
Brain acid soluble protein 1	P80723	61111	-1,27	Mem	LA	RNA	1,97	UP	202,92	4
Brain protein 13	O95415	14092	0,18	Mem	TM	Unk	1,17	=	29,98	1
C3a anaphylatoxin	P01024	188569	-0,34	Ex		Bin	1,42	=	33,94	1
Cadherin-1	P12830	97852	-0,31	Mem	TM	Rec	2,58	UP	67,68	1
Cadherin-13	P55290	78694	-0,27	Mem	LA	Rec	2,17	UP	69,99	1
Calcium-binding protein p22	Q99653	22442	-0,64	Cyt		Bin	0,63	DOWN	27,62	1
Calmodulin	P62158	16838	-0,67	Cyt		Bin	1,6	UP	30,03	1
Calpain-5	O15484	73169	-0,52	Cyt		Bin	1,03	=	14,31	1
Carbonic anhydrase 2	P00918	29285	-0,58	Cyt		Enz	2,54	UP	183,64	5
Carbonic anhydrase 4	P22748	35295	-0,57	Mem	LA	Enz	0,64	DOWN	215,78	5
Carbonyl reductase [NADPH] 1	P16152	30641	-0,21	Cyt		Enz	1,43	=	32,71	1
Carboxypeptidase M	P14384	50938	-0,45	Mem	LA	Enz	1,03	=	45,65	1
Carcinoembryonic antigen CGM6	P31997	38415	-0,5	Mem	LA	Unk	3,47	UP	112,57	1
Catenin α -	P35221	100693	-0,37	Cyt		Str	1,47	=	633,47	13
Catenin α -2	P26232	105313	-0,34	Cyt		Str	1,11	=	85,55	3

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Catenin β -1	P35222	86069	-0,17	Cyt		Str	1,44	=	193,28	4
Catenin δ -1	O60716	108674	-0,72	Cyt		Str	1,86	UP	168,56	4
Cathepsin B	P07858	37822	-0,4	Org		Enz	1,67	UP	27,45	1
Cathepsin D	P07339	45037	-0,04	Org		Enz	1,41	=	101,08	3
Caveolin-1	Q03135	20630	0,05	Mem	TM	Bin	2,58	UP	146,45	4
Caveolin-2	P51636	18564	0,3	Mem	TM	Bin	2,76	UP	86,67	2
CD109 antigen	Q6YHK3	162500	-0,17	Mem	LA	Bin	1,41	=	27,96	1
CD48 antigen	P09326	28121	-0,55	Mem	LA	Rec	1,92	UP	85,78	1
CD59 glycoprotein	P13987	14795	-0,57	Mem	LA	Bin	2,71	UP	257,56	5
CD63 antigen	P08962	26474	0,76	Mem	TM	Rec	1,25	=	23,44	1
CDGSH iron-sulfur domain-containing protein 1	Q9NZ45	12362	-0,39	Mem	TM	Bin	0,61	DOWN	80,12	1
Cell cycle control protein 50A	Q9NV96	41057	-0,27	Mem	TM	Unk	1,34	=	45,7	1
Cell division control protein 42 homolog	P60953	21587	-0,22	Mem	LA	Bin	1,89	UP	71,54	2
Centromeric protein E	Q02224	316415	-0,93	Nu		Str	0,76	=	17,68	1
Ceroid-lipofuscinosis neuronal protein 7	Q8NHS3	58046	0,45	Org		Tr	1,07	=	31,68	1
Ceruloplasmin	P00450	122983	-0,57	Ex		Tr	0,88	=	28,2	1
Charged multivesicular body protein 2a	O43633	25104	-0,61	Mem	PER	Str	1,06	=	31,57	2
Charged multivesicular body protein 4b	Q9H444	24935	-0,82	Mem	PER	Str	1,44	=	142,96	3
Charged multivesicular body protein 5	Q9NZZ3	24612	-0,79	Mem	PER	Str	1,2	=	29,43	1
Charged multivesicular body protein 6	Q96FZ7	23527	-0,81	Mem	LA	Str	1,04	=	30,79	1
ChCh domain-containing protein 3	Q9NX63	26421	-0,1	Org		Str	1,38	=	266,89	3
Choline transporter-like protein 1	Q8WWI5	74793	0,54	Mem	TM	Tr	1,78	UP	97,27	1
Chromodomain-helicase-DNA-binding protein 6	Q8TD26	305412	-0,7	Nu		DNA	0,81	=	33,82	2
Chromodomain-helicase-DNA-binding protein 7	Q9P2D1	335927	-0,81	Nu		DNA	1,19	=	31,38	2
Chromodomain-helicase-DNA-binding protein 8	Q9HCK8	290519	-0,67	Nu		DNA	0,71	=	14,67	1
Chromodomain-helicase-DNA-binding protein 9	Q3L8U1	326022	-0,73	Nu		DNA	0,97	=	31,62	2
Clarín-3	Q8NCR9	25362	0,31	Mem	TM	Unk	0,79	=	59,44	2
Clathrin heavy chain 1	Q00610	193260	-0,24	Mem	PER	Str	0,67	DOWN	253,13	8
Clathrin heavy chain 2	P53675	187030	-0,15	Mem	PER	Str	1,35	=	47,29	2

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Clathrin light chain B	P09497	25190	-0,91	Mem	PER	Str	1,28	=	28,78	1
Clusterin	P10909	53031	-0,76	Ex		Bin	0,96	=	60,99	1
Coiled-coil domain-containing protein 109A	Q8NE86	39867	-0,26	Mem	TM	Tr	1,42	=	45,16	2
Collagen α -1(IV) chain	P02462	160615	-0,64	Cyt		Str	1,32	=	25,21	1
Collagen α -1(VI) chain	P12109	109602	-0,55	Ex		Str	1,75	UP	34,41	1
Collagen α -1(XVIII) chain	P39060	178188	-0,49	Ex		Str	0,95	=	15,42	1
Collagen α -2(I) chain	P08123	129749	-0,68	Ex		Str	1,64	UP	32,47	1
Collagen α -3(VI) chain	P12111	345167	-0,23	Ex		Str	1,67	UP	57,43	2
Complement component C9	P02748	64615	-0,53	Ex		Enz	1,4	=	31,32	1
Contactin-1	Q12860	114104	-0,39	Ex		Rec	1,22	=	43,19	1
Corticosteroid 11- β -dehydrogenase isozyme 2	P80365	22680	0,11	Org		Enz	1,29	=	22,74	1
Creatine kinase B-type	P12277	42902	-0,42	Cyt		Enz	2,39	UP	271,32	6
Cubilin	O60494	407262	-0,3	Mem	PER	Tr	0,96	=	149,2	5
Cytochrome b	P00156	42804	0,63	Mem	TM	Enz	0,4	DOWN	21,8	1
Cytochrome b reductase 1	Q53TN4	31735	0,57	Mem	TM	Enz	1,58	UP	34,38	1
Cytochrome b-245 heavy chain	P04839	66206	0,04	Mem	TM	Enz	2,02	UP	77,28	3
Cytochrome b5 type B	O43169	16436	-0,52	Org		Enz	1,35	=	62,16	1
Cytochrome b5;CYB5	P00167	15321	-0,58	Mem	TM	Enz	1,2	=	25,29	1
Cytochrome b-c1 complex sub 1, mitochondrial	P31930	53297	-0,18	Mem	TM	Enz	0,59	DOWN	536,34	7
Cytochrome b-c1 complex sub 2, mitochondrial	P22695	48584	-0,07	Mem	PER	Enz	0,6	DOWN	940,72	12
Cytochrome b-c1 complex subunit 11	P47985	29934	-0,23	Mem	TM	Enz	0,54	DOWN	261,71	6
Cytochrome b-c1 complex subunit 7	P14927	13522	-1,07	Mem	TM	Enz	0,64	DOWN	140,16	2
Cytochrome b-c1 complex subunit 8	O14949	9900	-0,58	Mem	TM	Enz	1,23	=	35,25	1
Cytochrome b-c1 complex subunit 9	Q9UDW1	7304	-0,12	Mem	TM	Enz	0,6	DOWN	111,56	1
Cytochrome c	P99999	11855	-0,73	Org		Enz	2,86	UP	39,13	1
Cytochrome c oxidase sub 7A-related protein	O14548	12664	-0,19	Mem	TM	Enz	0,33	DOWN	73,08	1
Cytochrome c oxidase subunit 2	P00403	25719	0,46	Mem	TM	Enz	0,28	DOWN	181,36	5
Cytochrome c oxidase subunit 3	P00414	29988	0,37	Mem	TM	Enz	0,5	DOWN	25,76	1
Cytochrome c oxidase subunit 4 isoform 1	P13073	19621	-0,65	Mem	TM	Enz	0,3	DOWN	369,42	7

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Cytochrome c oxidase subunit 5A, mitochondrial	P20674	16923	-0,47	Mem	TM	Enz	0,36	DOWN	140,27	2
Cytochrome c oxidase subunit 5B, mitochondrial	P10606	13915	-0,44	Mem	TM	Enz	0,46	DOWN	182,34	4
Cytochrome c oxidase subunit 6B1	P14854	10414	-0,1	Org		Enz	0,47	DOWN	91,68	2
Cytochrome c oxidase subunit 6C	P09669	8776	-0,27	Mem	TM	Enz	0,43	DOWN	121,21	4
Cytochrome c oxidase subunit 7A1, mitochondrial	P24310	9169	-0,21	Org		Enz	0,64	DOWN	33,52	1
Cytochrome c oxidase subunit 7A2, mitochondrial	P14406	9390	-0,14	Mem	TM	Enz	0,6	DOWN	144,41	2
Cytochrome c oxidase subunit 7C, mitochondrial	P15954	7298	-0,03	Mem	TM	Enz	0,48	DOWN	24,07	1
Cytochrome c oxidase subunit 8A, mitochondrial	P10176	7631	0,4	Mem	TM	Enz	0,6	DOWN	14,26	1
Cytochrome c1, heme protein, mitochondrial	P08574	35741	-0,36	Org		Enz	0,51	DOWN	273,52	6
Cytoskeleton-associated protein 4	Q07065	66097	-0,7	Mem	TM	Str	0,99	=	70,8	3
Cytosolic non-specific dipeptidase	Q96KP4	52878	-0,28	Cyt		Enz	0,72	=	14,23	1
Desmin	P17661	53536	-0,72	Cyt		Str	1,11	=	14,6	1
Desmoglein-2;DSG2	Q14126	123016	-0,31	Mem	TM	Bin	1,38	=	14,63	1
Desmoyokin	Q09666	629213	-0,49	Nu		Unk	1,17	=	192,98	8
Dihydrolipoyl dehydrogenase, mitochondrial	P09622	54713	-0,01	Org		Enz	1,12	=	132,49	3
Dimethylaniline oxidase 1	Q01740	52813	-0,04	Mem	PER	Enz	1,39	=	21,87	1
Dipeptidase 1	P16444	46101	-0,28	Mem	LA	Enz	0,13	DOWN	501,13	10
Dipeptidyl peptidase 4	P27487	88907	-0,34	Mem	TM	Enz	1,05	=	286,39	8
Disabled homolog 2	P98082	82448	-0,62	Mem	PER	Bin	0,7	=	29,22	1
DnaJ homolog subfamily A member 2	O60884	46344	-0,69	Nu		Bin	1,25	=	61,66	1
DnaJ homolog subfamily C member 11	Q9NVH1	63524	-0,41	Nu		Bin	0,83	=	48,41	1
Dystonin	Q03001	860662	-0,64	Cyt		Str	1,13	=	13,38	1
E3 ubiquitin-protein ligase NEDD4-like	Q96PU5	112204	-0,71	Nu		Enz	2,03	UP	16,54	1
Electrogenic sodium bicarbonate cotransporter 1	Q9Y6R1	122295	-0,08	Mem	TM	Tr	0,48	DOWN	181,6	3
Electron transfer flavoprotein sub α	P13804	35400	-0,32	Org		Enz	1,78	UP	91,18	1
Electron-transferring-flavoprotein dehydrogenase	Q16134	69250	-0,32	Org		Enz	1,13	=	15,03	1
Elongation factor 2	P13639	95338	-0,21	Cyt		RNA	2,2	UP	44,43	2
Elongation factor Tu, mitochondrial	P49411	49852	-0,22	Org		Bin	1,43	=	129,12	5
Endonuclease domain-containing 1 protein	O94919	55723	0,09	Ex		Enz	1,45	=	101,02	1

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Endoplasmin	P14625	92696	-0,77	Org		Bin	0,45	DOWN	53,61	2
ENPP6	Q6UWR7	50551	-0,36	Mem	TM	Enz	1,23	=	349,22	4
Eosinophil peroxidase	P11678	81040	-0,36	Cyt		Enz	1,99	UP	29,35	1
Epithelial cell adhesion molecule	P16422	34932	-0,34	Mem	TM	Rec	2,04	UP	25,99	1
Erlin-1	O75477	39072	-0,26	Mem	TM	Bin	0,81	=	212,74	3
Erlin-2	O94905	38044	-0,16	Mem	TM	Bin	0,89	=	596,41	8
Erythrocyte band 7 integral membrane protein	P27105	31882	0,04	Mem	LA	Str	1,72	UP	643,75	10
Erythrocyte membrane protein band 4,2	P16452	77816	-0,23	Mem	LA	Enz	1,68	UP	139,62	3
Ezrin	P15311	69484	-0,97	Mem	PER	Str	1,58	UP	377,7	6
F-actin-capping protein subunit α -2	P47755	32949	-0,57	Cyt		Str	1,31	=	17	1
F-actin-capping protein subunit β	P47756	31350	-0,56	Cyt		Str	1,69	UP	15,19	1
Fatty aldehyde dehydrogenase	P51648	55269	-0,07	Mem	TM	Enz	0,8	=	92,06	1
Fibrinogen α chain	P02671	95656	-0,88	Ex		Bin	0,73	=	14,76	1
Fibrinogen β chain	P02675	56577	-0,84	Ex		Bin	1,28	=	41,25	1
Fibrinogen γ chain	P02679	52106	-0,68	Ex		Bin	2,17	UP	59,6	1
Filamin-A	P21333	283301	-0,31	Cyt		Str	1,4	=	308,18	9
Filamin-B	O75369	280157	-0,29	Cyt		Str	1,37	=	277,39	9
Filamin-C	Q14315	291022	-0,32	Cyt		Str	1,25	=	69,06	2
Flavin reductase	P30043	22119	-0,06	Cyt		Enz	1,25	=	24,63	1
Flavoprotein subunit of complex II	P31040	73672	-0,27	Org		Enz	0,92	=	251,61	4
Flotillin-1	O75955	47554	-0,33	Mem	PER	Str	1,22	=	713,57	14
Flotillin-2	Q14254	47434	-0,14	Mem	PER	Str	1,51	UP	358,47	9
Folate receptor α	P15328	30712	-0,78	Mem	LA	Rec	1	=	34,12	1
Folate receptor β	P14207	30286	-0,82	Mem	LA	Rec	1,74	UP	116,81	4
Folate receptor γ	P41439	27638	-0,73	Ex		Rec	2,94	UP	38,31	1
Fructose-bisphosphate aldolase A	P04075	39851	-0,26	Cyt		Enz	1,47	=	230,11	3
FYVE and coiled-coil domain-containing protein 1	Q9BQS8	168590	-0,73	Mem	PER	Bin	2,27	UP	41,54	1
G -binding protein G(i) subunit α -2	P04899	40995	-0,37	Mem	PER	G-p	1,63	UP	570,05	10
G protein G(i) subunit α -1	P63096	40905	-0,33	Mem	PER	G-p	1,63	UP	408,28	8

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G protein G(I)/G(S)/G(O) subunit γ -12	Q9UBI6	8115	-0,63	Mem	LA	G-p	1,95	UP	177,34	3
G protein G(I)/G(S)/G(T) subunit β -1	P62873	38151	-0,23	Mem	PER	G-p	1	=	248,06	7
G protein G(I)/G(S)/G(T) subunit β -2	P62879	38048	-0,18	Mem	PER	G-p	1,42	=	151,7	5
G protein G(I)/G(S)/G(T) subunit β -3	P16520	37221	-0,06	Mem	PER	G-p	1,93	UP	47,86	1
G protein G(q) subunit α ;GNAQ	P50148	42400	-0,44	Mem	PER	G-p	0,95	=	63,84	2
G protein G(s) subunit α isoforms XLas;GNAS1	Q5JWF2	111697	-0,6	Mem	PER	G-p	1,41	=	93,31	3
G protein G(t) subunit α -1	P11488	40041	-0,28	Mem	PER	G-p	1,61	UP	83,51	2
G protein protein G(k) subunit α	P08754	41076	-0,36	Mem	PER	G-p	1,63	UP	386,79	8
G protein protein G(o) subunit α	P09471	40051	-0,32	Mem	PER	G-p	1,52	UP	67,96	2
G protein subunit α -12	Q03113	44279	-0,36	Mem	LA	G-p	1,58	UP	50,99	1
G protein subunit β -4	Q9HAV0	38284	-0,23	Mem	LA	G-p	1,41	=	201,34	5
Galectin-4	P56470	35941	-0,26	Mem	LA	Bin	2,27	UP	16,14	1
Galectin-8	O00214	35957	-0,21	Cyt		Lig	1,43	=	53,46	1
Galectin-9B	Q3B8N2	39660	-0,2	Mem	LA	Bin	1,19	=	35,69	1
Gelsolin	P06396	86043	-0,46	Org		Str	1,51	UP	105,88	3
GEM-interacting protein	Q9P107	106683	-0,6	Cyt		Bin	0,42	DOWN	15,86	1
GH3 domain-containing protein	Q8N2G8	57523	-0,18	Org		Unk	0,46	DOWN	22,13	1
Glioma pathogenesis-related protein 2	Q9H4G4	17322	-0,8	Mem	LA	Unk	1,36	=	266,84	3
Glucoamylase	O43451	211031	-0,31	Mem	TM	Enz	0,57	DOWN	69,8	1
Glucose transporter type 1, erythrocyte/brain	P11166	54391	0,53	Mem	TM	Tr	1,46	=	75,67	1
Glucose-6-phosphate isomerase	P06744	63335	-0,34	Cyt		Enz	1,88	UP	99,33	1
Glutathione peroxidase 3	P22352	25765	-0,4	Ex		Enz	0,43	DOWN	43,87	1
Glutathione S-transferase kappa 1	Q9Y2Q3	25594	-0,14	Org		Enz	1,01	=	47,84	1
Glyceraldehyde-3-phosphate dehydrogenase	P04406	36201	-0,11	Cyt		Enz	2,75	UP	367,03	4
Glycerol-3-phosphate DH, mitochondrial	P43304	81315	-0,24	Org		Enz	0,55	DOWN	30,25	2
Granulins	P28799	68518	-0,28	Ex		Lig	2,28	UP	17,84	1
Growth hormone-inducible TM protein	Q9H3K2	37352	0,47	Mem	TM	Lig	0,69	DOWN	91,23	2
Growth/differentiation factor 6	Q6KF10	51143	-0,39	Ex		Lig	0,19	DOWN	28,44	1
GTPase HRas	P01112	21298	-0,46	Mem	LA	G-p	1,29	=	16,73	1

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HCV F-transactivated protein 2	Q96IX5	6510	-0,06	Mem	TM	RNA	0,78	=	162,74	1
HEAT repeat-containing protein 7B2	Q7Z745	180781	-0,03	Unk		Unk	0,58	DOWN	16,13	1
Heat shock 70 kDa protein 1A/1B	P08107	70294	-0,38	Cyt		Bin	1,6	UP	209,03	3
Heat shock 70 kDa protein 1-like	P34931	70375	-0,34	Cyt		Bin	1,56	UP	132,07	2
Heat shock cognate 71 kDa protein	P11142	71082	-0,46	Cyt		Bin	1,53	UP	257,73	5
Heat shock protein HSP 90- α	P07900	85006	-0,75	Cyt		Bin	1,67	UP	232,11	6
Heat shock protein β -1	P04792	22826	-0,56	Cyt		Bin	2,26	UP	293,23	4
Heat shock-related 70 kDa protein 2	P54652	70021	-0,48	Cyt		Bin	1,54	UP	157,79	3
Hemoglobin subunit α	P69905	44612	0,03	Cyt		Bin	2,15	UP	66,17	1
Hemoglobin subunit β	P68871	16102	0,001	Ex		Bin	1,28	=	153,75	3
Hemoglobin subunit δ	P02042	16055	-0,05	Ex		Bin	1,21	=	42,22	1
Heparan- α -glucosaminide N-acetyltransferase	Q68CP4	74045	0,29	Cyt		Enz	1,04	=	26,06	1
Histone H13	P16402	22350	-0,78	Nu		DNA	1,1	=	32,46	1
Histone H2A type 2-B	Q8IUE6	13995	-0,47	Nu		DNA	1,18	=	21,32	1
Histone H2B type F-S	P57053	13944	-0,77	Nu		DNA	1,79	UP	14,42	1
Histone H4;H4	P62805	11360	-0,54	Nu		DNA	1,43	=	30,98	1
Histone-lysine N-methyltransferase SUV420H2	Q86Y97	52113	-0,55	Nu		Enz	1,07	=	15,27	1
HLA class II histocompatibility antigen γ chain	P04233	33950	-0,6	Mem	TM	Ag	1,41	=	95,88	1
Hydroxyacid oxidase 2	Q9NYQ3	39384	-0,01	Org		Enz	0,39	DOWN	683,2	10
Ig kappa chain C region	P01834	11773	-0,55	Ex		Ag	1,29	=	35,66	1
Ig mu chain C region	P01871	49960	-0,26	Ex		Ag	1,77	UP	49,86	1
Ig α -1 chain C region	P01876	38486	-0,16	Ex		Ag	1	=	138,02	4
Ig α -2 chain C region	P01877	36526	-0,38	Ex		Ag	1,07	=	29,44	1
Ig γ -1 chain C region	P01857	36596	0,02	Ex		Ag	1,99	UP	187,11	4
Ig γ -2 chain C region	P01859	35901	-0,04	Ex		Ag	1,15	=	41,34	2
Ig γ -3 chain C region	P01860	42287	-0,51	Ex		Ag	1,29	=	99,95	3
Immunoglobulin λ -like polypeptide 5	B9A064	23063	-0,44	Ex		Ag	0,5	DOWN	15,29	1
Integrin α -6	P23229	127724	-0,44	Mem	TM	Bin	1,35	=	58,23	2
Interferon-induced transMem protein 1	P13164	14126	0,528	Mem	TM	Rec	1,21	=	124,65	1

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Inverted formin-2	Q27J81	135624	-0,4	Cyt		Str	1,76	UP	13,52	1
Isocitrate dehydrogenase [NADP], mitochondrial	P48735	51333	-0,39	Cyt		Enz	1,25	=	208,01	3
IST1 homolog	P53990	39897	-0,33	Cyt		Bin	1,26	=	45,08	2
Junction plakoglobin	P14923	82434	-0,15	Mem	PER	Str	1,21	=	125,11	3
K+-transporting ATPase α chain 1;ATP4A	P20648	115756	0,07	Mem	TM	Tr	1,11	=	257,01	3
K+-transporting ATPase α chain 2	P54707	115511	0,01	Mem	TM	Tr	1,08	=	137,75	2
Kaliocin-1;TRFL	P02788	80014	-0,41	Unk		Tr	1,27	=	64,69	2
Kelch-like protein 2	O95198	66958	-0,15	Cyt		Str	1,99	UP	14,06	1
Kinesin-like protein KIF21A	Q7Z4S6	187179	-0,67	Cyt		Str	2,05	UP	32,68	2
Kinesin-like protein KIF21B	O75037	182662	-0,57	Cyt		Str	1,02	=	33,07	2
Leptin receptor gene-related protein	O15243	14415	0,96	Mem	TM	Rec	1,29	=	145,32	1
Leptin receptor overlapping transcript-like 1	O95214	14647	0,1	Mem	TM	Rec	1,54	UP	72,73	1
Leucine-rich repeat-containing protein 37A3	O60309	180621	-0,62	Mem	TM	Rec	1,17	=	14,24	1
LIMA1	Q9UHB6	85630	-0,1	Unk		Str	1,05	=	137,3	6
LIMC1	Q9UPQ0	122818	-0,95	Unk		Str	1,36	=	79,21	2
Lipid phosphate phosphohydrolase 1	O14494	32156	0,1	Mem	TM	Enz	1,29	=	27,65	1
Lipid phosphate phosphohydrolase 3	O14495	35720	0,1	Mem	TM	Enz	1,12	=	40,91	1
Lipolysis-stimulated lipoprotein receptor	Q86X29	72534	-0,61	Mem	TM	Rec	1,33	=	72,75	2
L-lactate dehydrogenase A chain	P00338	36950	-0,01	Cyt		Enz	7,38	UP	34,59	1
L-lactate dehydrogenase B chain	P07195	36900	0,05	Cyt		Enz	3,42	UP	103,2	2
Long chain 3-hydroxyacyl-CoA dehydrogenase	P40939	83688	-0,11	Org		Enz	1,29	=	415,86	7
Long-chain-fatty-acid--CoA ligase 1	P33121	78919	-0,1	Mem	TM	Enz	1,25	=	63,68	2
Long-chain-fatty-acid--CoA ligase 5	Q9ULC5	75991	-0,07	Mem	TM	Tr	1,6	UP	48,89	1
Low-density lipoprotein receptor-related protein 2	P98164	540376	-0,48	Mem	TM	Bin	0,76	=	140,45	4
LRIG-3	Q6UXM1	123434	-0,3	Mem	TM	Rec	0,88	=	27,19	1
L-type amino acid transporter 4	Q8N370	63618	0,42	Mem	TM	Tr	1,65	UP	15,28	1
Lysophospholipid acyltransferase 7	Q96N66	53415	0,3	Mem	TM	Enz	1,23	=	188,36	4
Lysosomal protective protein	P10619	54466	-0,34	Org		Enz	1,44	=	17,68	1
Lysosome-associated membrane glycoprotein 1	P11279	45367	-0,12	Mem	TM	Str	3,21	UP	136,2	1

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Lysosome-associated membrane glycoprotein 2	P13473	44961	-0,16	Mem	TM	Str	0,82	=	28,09	1
Macrophage migration inhibitory factor	P14174	12476	-0,01	Ex		Enz	0,85	=	23,11	1
Macrophage-capping protein	P40121	38760	-0,43	Cyt		Str	1,46	=	65,63	1
Major prion protein	P04156	27871	-0,11	Mem	LA	Bin	1,37	=	65,71	1
Major vault protein	Q14764	99327	-0,36	Cyt		RNA	0,92	=	15,35	1
Malectin	Q14165	32234	-0,32	Mem	TM	Bin	1,16	=	21,04	1
Malonate-semialdehyde DH [acylating]	Q02252	58259	-0,09	Ex		Enz	1,15	=	32,54	1
Mannose-1-phosphate guanyltransferase β	Q9Y5P6	39834	0,07	Cyt		Enz	0,58	DOWN	20,12	1
Mdm2-binding protein	Q96DY7	102193	-0,42	Unk		Bin	0,95	=	18,76	1
Metaxin-2	O75431	30086	-0,22	Org		Tr	1,29	=	69,72	2
Methyltransferase-like protein 2A	Q96IZ6	43537	-0,52	Cyt		Enz	0,82	=	15,15	1
Methyltransferase-like protein 7A	Q9H8H3	28814	-0,06	Mem	LA	Enz	0,84	=	47,91	2
MHC class I antigen B*73	Q31612	40435	-0,63	Mem	TM	Ag	0,3	DOWN	19,53	1
MHC class I antigen Cw*15	Q07000	40863	-0,62	Mem	TM	Ag	0,3	DOWN	19,53	1
MHC class II antigen DPB1	P04440	29159	-0,51	Mem	TM	Ag	1,8	UP	58,69	1
MHC class II antigen DRA	P01903	28760	-0,1	Mem	TM	Ag	1,94	UP	98,77	2
MHC class II antigen DRB1*1	P04229	30294	-0,41	Mem	TM	Ag	1,74	UP	14,95	1
MHC class II antigen DRB1*11	P20039	30483	-0,41	Mem	TM	Ag	1,72	UP	106,59	3
MHC class II antigen DRB1*12	Q95IE3	29878	-0,4	Mem	TM	Ag	1,8	UP	73,64	2
MHC class II antigen DRB1*3	P01912	30120	-0,53	Mem	TM	Bin	1,8	UP	58,69	1
MHC class II antigen DRB1*4	P13760	30112	-0,47	Mem	TM	Ag	1,74	UP	14,95	1
MHC class II antigen DRB1*8	Q30134	30004	-0,43	Mem	TM	Ag	1,56	UP	32,95	1
MHC class II antigen DRB1*9	Q9TQE0	30149	-0,41	Mem	TM	Ag	1,25	=	32,64	1
MHC class II DQA2	P01906	28033	0,01	Mem	TM	Ag	1,26	=	13,84	1
Microsomal glutathione S-transferase 1	P10620	17644	0,18	Mem	TM	Enz	0,58	DOWN	64,75	1
Microsomal glutathione S-transferase 2	Q99735	16781	0,41	Mem	TM	Enz	0,72	=	75,66	1
Microsomal glutathione S-transferase 3	O14880	16734	0,28	Mem	TM	Enz	0,82	=	103,14	1
Mitochondrial amidoxime reducing component 2	Q969Z3	38569	-0,31	Mem	PER	Bin	0,79	=	118,83	4
Mitochondrial aspartate glutamate carrier 1	O75746	75114	-0,02	Mem	TM	Bin	1,07	=	406,06	7

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Mitochondrial aspartate glutamate carrier 2	Q9UJS0	74528	-0,02	Mem	TM	Bin	0,99	=	625,76	13
Mitochondrial carrier homolog 1	Q9NZJ7	41859	0,1	Mem	TM	Tr	1,08	=	31,57	1
Mitochondrial carrier homolog 2	Q9Y6C9	33936	0,23	Mem	TM	Tr	0,79	=	147,33	4
Mitochondrial dicarboxylate carrier	Q9UBX3	31718	0,14	Mem	TM	Tr	0,84	=	159,97	3
Mitochondrial import receptor subunit TOM7 homolog	Q9P0U1	6244	0,08	Org		Rec	0,96	=	35,9	1
Mitochondrial inner membrane protein	Q16891	84026	-0,46	Org		Unk	1,36	=	511,25	11
Mitochondrial Rho GTPase 2	Q8IXI1	68118	-0,1	Mem	TM	G-p	2,02	UP	14,15	1
Moesin	P26038	67892	-0,98	Mem	PER	Str	1,69	UP	373,39	11
Monocarboxylate transporter 2	O60669	52565	0,36	Mem	TM	Tr	1,37	=	69,21	1
Monocarboxylate transporter 4	O15427	50064	0,65	Mem	TM	Tr	2,54	UP	35,19	1
Monocyte differentiation antigen CD14	P08571	40678	0,003	Mem	LA	Rec	0,39	DOWN	27,38	1
Multidrug resistance protein 1	P08183	141788	0,03	Mem	TM	Tr	0,43	DOWN	295,68	4
Multidrug resistance-associated protein 2	Q92887	175237	0,08	Mem	TM	Tr	0,35	DOWN	47,78	2
Myeloid-associated differentiation marker	Q96S97	36049	0,77	Mem	TM	Unk	0,8	=	14,96	1
Myosin light chain 6B	P14649	22764	-0,5	Cyt		Str	1,89	UP	154,69	2
Myosin light polypeptide 6	P60660	17090	-0,4	Cyt		Str	1,76	UP	214,05	5
Myosin regulatory light chain 12B	O14950	71066	-0,77	Cyt		Str	0,73	=	71,27	3
Myosin regulatory light polypeptide 9	P24844	19827	-0,81	Cyt		Str	0,65	DOWN	55,77	2
Myosin-10	P35580	229827	-0,86	Cyt		Str	1,56	UP	411,48	10
Myosin-11	P35749	227339	-0,85	Cyt		Str	0,96	=	244,41	5
Myosin-14	Q7Z406	228701	-0,81	Cyt		Bin	1,04	=	472,44	12
Myosin-9	P35579	227646	-0,85	Cyt		Str	1,49	=	934,42	20
Myosin-Id	O94832	116202	-0,38	Cyt		Str	0,93	=	15,42	1
Myosin-Vb	Q9ULV0	213672	-0,57	Cyt		Str	1,16	=	98,98	1
Na(+)/H(+) exchange regulatory cofactor NHE-RF2	Q15599	37619	-0,896	Mem	PER	Tr	1,28	=	18,42	1
Na+- and Cl--dependent taurine transporter	P31641	70867	0,42	Mem	TM	Tr	0,82	=	32,34	1
Na+/glucose cotransporter 1;SC5A1	P13866	74305	0,58	Mem	TM	Tr	0,75	=	65,85	1
Na+/glucose cotransporter 2;SC5A2	P31639	73932	0,58	Mem	TM	Tr	0,23	DOWN	216,85	3
Na+/glucose cotransporter 5;SC5AA	A0PKJ1	64928	0,62	Mem	TM	Tr	0,15	DOWN	116,59	2

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Na ⁺ /H ⁺ exchange regulatory cofactor NHE-RF1	O14745	39130	-0,71	Mem	PER	Str	0,94	=	75,51	2
Na ⁺ /K ⁺ -transporting ATPase subunit α -1	P05023	114135	0,01	Mem	TM	Tr	1,02	=	1491,35	25
Na ⁺ /K ⁺ -transporting ATPase subunit α -2	P50993	112265	-0,01	Mem	TM	Tr	1,05	=	641,75	10
Na ⁺ /K ⁺ -transporting ATPase subunit α -3	P13637	113102	0,01	Mem	TM	Tr	0,98	=	772,09	12
Na ⁺ /K ⁺ -transporting ATPase subunit α -4	Q13733	114166	0,04	Mem	TM	Tr	1,08	=	153,49	3
Na ⁺ /K ⁺ -transporting ATPase subunit β -1	P05026	35438	0,01	Mem	TM	Tr	1,16	=	175,37	4
Na ⁺ /K ⁺ -transporting ATPase subunit γ	P54710	7336	-0,29	Mem	TM	Tr	0,86	=	98,77	2
Na ⁺ -coupled monocarboxylate transporter 2	Q1EHB4	68629	0,52	Mem	TM	Tr	0,71	=	113,95	2
NAD(P) transhydrogenase, mitochondrial	Q13423	114564	0,3	Org		Enz	1,28	=	354,66	7
NADH-cytochrome b5 reductase 1	Q9UHQ9	34244	-0,16	Mem	TM	Enz	0,52	DOWN	49,59	2
NADH-ubiquinone oxidoreductase 13 kDa-A subunit	O75380	14045	-0,65	Mem	PER	Enz	0,5	DOWN	272,26	4
NADH-ubiquinone oxidoreductase 13 kDa-B sub	Q16718	13507	-0,5	Org		Enz	0,56	DOWN	230,6	5
NADH-ubiquinone oxidoreductase 15 kDa subunit	O43920	12737	-0,94	Mem	PER	Enz	0,47	DOWN	29,21	2
NADH-ubiquinone oxidoreductase 18 kDa subunit	O43181	20095	-0,94	Mem	PER	Enz	0,48	DOWN	149,02	2
NADH-ubiquinone oxidoreductase 19 kDa subunit	P51970	20548	-0,78	Org		Enz	0,65	DOWN	138,6	3
NADH-ubiquinone oxidoreductase 20 kDa subunit	O75251	23833	-0,21	Mem	PER	Enz	0,48	DOWN	162,17	3
NADH-ubiquinone oxidoreductase 23 kDa subunit	O00217	24203	-0,52	Mem	PER	Enz	0,85	=	291,78	5
NADH-ubiquinone oxidoreductase 24 kDa subunit	P19404	27659	-0,28	Mem	PER	Enz	0,56	DOWN	305,18	7
NADH-ubiquinone oxidoreductase 30 kDa subunit	O75489	30337	-0,41	Mem	PER	Enz	0,55	DOWN	458,08	8
NADH-ubiquinone oxidoreductase 39 kDa subunit	Q16795	42654	-0,07	Org		Enz	0,52	DOWN	378,74	9
NADH-ubiquinone oxidoreductase 42 kDa subunit	O95299	41067	-0,54	Org		Enz	0,61	DOWN	447,81	8
NADH-ubiquinone oxidoreductase 49 kDa subunit	O75306	52911	-0,31	Mem	PER	Enz	0,97	=	162,59	6
NADH-ubiquinone oxidoreductase 51 kDa subunit	P49821	51469	-0,3	Mem	PER	Enz	0,79	=	549,22	12
NADH-ubiquinone oxidoreductase 75 kDa subunit	P28331	80443	-0,11	Mem	PER	Enz	0,58	DOWN	1483,84	24
NADH-ubiquinone oxidoreductase 9 kDa subunit	P56181	11990	-0,14	Mem	PER	Enz	0,45	DOWN	23,09	1
NADH-ubiquinone oxidoreductase ASH1 subunit	O95169	21865	-0,87	Mem	TM	Enz	0,57	DOWN	31,86	2
NADH-ubiquinone oxidoreductase B12 subunit	O43676	11395	-0,74	Mem	TM	Enz	0,51	DOWN	58,08	2
NADH-ubiquinone oxidoreductase B14 subunit	P56556	17973	-0,53	Mem	PER	Enz	0,52	DOWN	72,99	3
NADH-ubiquinone oxidoreductase B15 subunit	O95168	15256	-0,65	Mem	TM	Enz	0,43	DOWN	69,27	2

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NADH-ubiquinone oxidoreductase B16.6 subunit	Q9P0J0	16688	-0,42	Org		Enz	0,61	DOWN	196,07	5
NADH-ubiquinone oxidoreductase B17 subunit	O95139	15479	-0,71	Mem	TM	Enz	1,12	=	15,7	1
NADH-ubiquinone oxidoreductase B18 subunit	P17568	16619	-0,1	Mem	PER	Enz	0,43	DOWN	222,99	4
NADH-ubiquinone oxidoreductase B22 subunit	Q9Y6M9	22045	-0,1	Mem	PER	Enz	0,61	DOWN	97,54	3
NADH-ubiquinone oxidoreductase B8 subunit	O43678	11029	-0,33	Mem	PER	Enz	0,33	DOWN	65,2	2
NADH-ubiquinone oxidoreductase B9 subunit	O95167	9273	-0,06	Mem	TM	Enz	0,65	DOWN	15,74	1
NADH-ubiquinone oxidoreductase chain 1	P03886	35637	0,68	Org		Enz	0,54	DOWN	32,49	1
NADH-ubiquinone oxidoreductase chain 3	P03897	13234	0,99	Mem	TM	Enz	0,62	DOWN	69,99	1
NADH-ubiquinone oxidoreductase chain 4	P03905	51718	0,72	Mem	TM	Enz	0,85	=	17,18	1
NADH-ubiquinone oxidoreductase chain 5	P03915	67325	0,58	Org		Enz	1,55	UP	30,05	1
NADH-ubiquinone oxidoreductase ESSS subunit	Q9NX14	17363	-0,64	Mem	TM	Enz	0,53	DOWN	51,05	2
NADH-ubiquinone oxidoreductase MLRQ subunit	O00483	9421	-0,38	Org		Enz	0,76	=	118,06	3
NADH-ubiquinone oxidoreductase MNLL subunit	O75438	7014	-0,18	Mem	TM	Enz	0,43	DOWN	76,79	2
NADH-ubiquinone oxidoreductase PDSW subunit	O96000	21048	-0,1	Mem	PER	Enz	0,49	DOWN	216,03	5
NADH-ubiquinone oxidoreductase subunit B14.5a	O95182	12601	-0,75	Org		Enz	0,5	DOWN	294,86	6
NADH-ubiquinone oxidoreductase subunit B14.5b	O95298	14235	-0,39	Mem	TM	Enz	0,63	DOWN	36,87	2
NADH-ubiquinone oxidoreductase subunit B17.2	Q9UI09	17104	-0,85	Org		Enz	0,62	DOWN	149,5	4
Neprilysin	P08473	86144	-0,45	Mem	TM	Enz	0,77	=	248,66	4
Neuroblastoma breakpoint family member 7	P0C2Y1	48090	-0,98	Cyt		Unk	1,63	UP	14,52	1
Neuronal growth regulator 1	Q7Z3B1	39379	-0,34	Mem	LA	Lig	0,67	DOWN	36,04	1
Neutral and basic aa transport protein rBAT	Q07837	79258	-0,43	Mem	TM	Enz	0,7	=	47,68	1
Neutrophil defensin 1	P59665	10536	-0,04	Ex		Ag	6,8	UP	104,18	2
NMDA receptor-regulated protein 1	Q9BXJ9	101272	-0,61	Cyt		Enz	1,33	=	14,03	1
Obscurin	Q5VST9	868484	-0,34	Cyt		Str	0,92	=	50,38	3
OCIA domain-containing protein 1	Q9NX40	27626	-0,75	Org		Unk	0,78	=	13,45	1
OCIA domain-containing protein 2	Q56VL3	17285	-0,26	Org		Unk	0,67	DOWN	181,4	6
p27-Beckwith-Wiedemann region 1 B	Q8N1D0	27061	-0,37	Unk		Unk	0,43	DOWN	14,56	1
Pantetheinase	O95497	57716	-0,19	Mem	LA	Enz	0,8	=	94,54	2
PDZK1-interacting protein 1	Q13113	12333	0,25	Mem	TM	Unk	0,64	DOWN	35,21	1

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Peptidyl-prolyl cis-trans isomerase A	P62937	18229	-0,31	Cyt		Enz	2,58	UP	35,62	2
Peptidylprolyl cis-trans isomerase A-like 4B	Q9Y536	18182	-0,33	Cyt		Enz	1,37	=	21,71	1
Peripherin	P41219	53651	-0,77	Cyt		Str	1,61	UP	33,26	1
Peroxiredoxin-1	Q06830	22324	-0,27	Cyt		Enz	0,94	=	33,24	2
Peroxiredoxin-2	P32119	22049	-0,21	Cyt		Enz	1,04	=	43,27	2
Peroxiredoxin-5, mitochondrial	P30044	22086	0,13	Org		Enz	2,18	UP	27,9	1
Phosphate carrier protein, mitochondrial	Q00325	40525	0,1	Mem	TM	Tr	1,16	=	59,82	2
Phosphoenolpyruvate carboxykinase [GTP], mitochondrial	Q16822	71483	-0,292	Org		Enz	1	=	19,38	1
Phosphoglycerate kinase 1	P00558	44985	-0,08	Cyt		Enz	2,97	UP	190,76	3
Phosphoinositide phospholipase C-γ-2	P16885	148974	-0,61	Mem	PER	Enz	1,27	=	66,29	2
Phospholipase D1	Q13393	124184	-0,43	Cyt		Enz	0,97	=	13,9	1
Phospholipid scramblase 1	O15162	36052	-0,24	Mem	TM	Enz	1,69	UP	79,86	1
Phytanoyl-CoA hydroxylase-interacting protein-like	Q96FC7	43029	-0,44	Cyt		Enz	1,21	=	14,87	1
Plakophilin-4	Q99569	132585	-0,65	Mem	PER	Str	0,97	=	40,75	2
Plasma serine protease inhibitor	P05154	45760	-0,15	Ex		Bin	0,63	DOWN	36,73	1
Plasminogen receptor (KT)	Q9HBL7	17190	-0,22	Mem	TM	Rec	0,95	=	31,72	1
Platelet glycoprotein 4	P16671	53589	0,01	Unk		Rec	1,61	UP	86,8	3
Plectin	Q15149	533462	-0,66	Cyt		Str	1,1	=	76,54	2
PMS1 protein homolog 1	P54277	105830	-0,49	Nu		DNA	0,54	DOWN	15,51	1
Poly(rC)-binding protein 1	Q15365	37987	-0,13	Nu		RNA	1,26	=	32,81	1
POTE ankyrin domain family member E	Q6S8J3	121363	-0,68	Cyt		Str	0,87	=	253,46	3
POTE ankyrin domain family member F	A5A3E0	121445	-0,67	Cyt		Str	0,87	=	253,46	3
POTE ankyrin domain family member I	P0CG38	121282	-0,67	Cyt		Str	0,84	=	90,28	2
Prefoldin subunit 4	Q9NQP4	15314	-0,57	Cyt		Bin	2,16	UP	15,27	1
Proactivator polypeptide	P07602	59899	0,06	Org		Bin	1,2	=	64,49	2
Probable N-acetyltransferase 8	Q9UHE5	25831	0,22	Mem	TM	Enz	0,83	=	33,76	1
Probable phospholipid-transporting ATPase IH	P98196	131155	-0,2	Mem	TM	Enz	1,04	=	205,87	7
Probable proline dehydrogenase 2	Q9UF12	58871	-0,13	Mem	PER	Enz	1,02	=	13,16	1
Probable serine carboxypeptidase CPVL	Q9H3G5	54164	unkno wn	Ex		Enz	0,82	=	15,45	1

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Profilin-2	P35080	15378	-0,021	Cyt		Str	2,85	UP	69,77	1
Programmed cell death 6-interacting protein	Q8WUM4	96590	-0,471	Cyt		Bin	0,8	=	23,64	1
Prohibitin;PHB	Q99623	33276	0,02	Mem	LA	DNA	1,07	=	157,29	3
Prohibitin-2;PHB2	P35232	29843	0,02	Mem	LA	DNA	1,55	UP	203,54	5
Prostaglandin E2 receptor EP4 subtype	P35408	53119	0,18	Mem	TM	Rec	1,01	=	15,17	1
Protein disulfide-isomerase A3	P30101	57146	-0,59	Org		Enz	1,07	=	29,74	1
Protein EAN57	O43247	30725	-0,1	Unk		Unk	1,64	UP	15,38	1
Protein EFR3 homolog A	Q14156	93777	-0,15	Mem	TM	Unk	1,22	=	23,6	1
Protein FAM3C	Q92520	24680	-0,32	Ex		Bin	2,6	UP	43,04	1
Protein GPR108	Q9NPR9	60633	0,15	Mem	TM	G-p	1,55	UP	21,64	1
Protein MAL2	Q969L2	19341	0,72	Mem	TM	Unk	0,47	DOWN	38,51	1
Protein NDRG1;NDRG1	Q92597	43264	-0,29	Cyt		Bin	1,94	UP	174,67	2
Protein NipSnap homolog 1	Q9BPW8	33460	-0,64	Org		Unk	0,79	=	28,32	1
Protein NipSnap homolog 2	O75323	33949	-0,61	Mem	TM	Unk	1,44	=	19,66	1
Protein S100-A8	P05109	10885	-0,39	Mem	PER	Bin	1,65	UP	55,19	2
Protein S100-A9	P06702	13291	-0,89	Mem	PER	Bin	2,03	UP	26,53	1
Protein XRP2	O75695	39641	-0,27	Mem	LA	G-p	2,54	UP	16,34	1
Proto-oncogene tyrosine-protein kinase Src	P12931	60310	-0,47	Mem	LA	Enz	1,37	=	23,88	1
Putative annexin A2-like protein	A6NMY6	38806	-0,55	Ex		Bin	1,96	UP	59,7	2
Putative cytochrome b-c1 complex subunit Rieske-like protein 1	P0C7P4	30815	-0,1	Unk		Unk	0,52	DOWN	229,2	6
Putative elongation factor 1- α -like 3	Q5VTE0	50495	-0,25	Cyt		Bin	1,12	=	33,66	1
Putative endoplasmic-like protein	Q58FF3	45859	-0,66	Cyt		Bin	0,97	=	29,55	1
Putative heat shock protein HSP 90- α A2	Q14568	39365	-0,83	Cyt		Bin	1,91	UP	75,94	3
Putative heat shock protein HSP 90- β 2	Q58FF8	44349	-0,83	Cyt		Bin	1,95	UP	74,72	3
Putative heat shock protein HSP 90- β -3	Q58FF7	68325	-0,65	Cyt		Bin	1,62	UP	17,89	1
Putative Ras-related protein Rab-12	Q6IQ22	27248	-0,45	Mem	LA	G-p	0,91	=	34,97	1
Putative Ras-related protein Rab-1C	Q92928	22017	-0,26	Mem	LA	G-p	2,1	UP	164,99	4
Putative ubiquitin-conjugating enzyme E2 N-like	Q5JXB2	17377	-0,35	Unk		Enz	1,38	=	25,19	1
Putative β -actin-like protein 3	Q9BYX7	42016	-0,27	Cyt		Str	0,89	=	211,58	2

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Pyruvate kinase isozymes M1/M2	P14618	58470	-0,13	Cyt		Enz	1,62	UP	210,12	6
Pyruvate kinase PKLR	P30613	61830	0,041	Cyt		Enz	1,55	UP	30,3	1
Quinone oxidoreductase	Q08257	35356	0,05	Cyt		Enz	1,21	=	30,04	2
Rab11 family-interacting protein 3	O75154	82440	-0,72	Mem	PER	Bin	0,42	DOWN	15,08	1
Radixin	P35241	68635	-0,1	Mem	PER	Str	1,56	UP	172,79	5
Ragulator complex protein LAMTOR1	Q6IAA8	17848	-0,48	Mem	LA	Unk	1,35	=	93,13	1
Ragulator complex protein LAMTOR2	Q9Y2Q5	13613	0,08	Mem	PER	Unk	0,61	DOWN	105,21	2
Ras-related C3 botulinum toxin substrate 1	P63000	21835	-0,16	Mem	LA	G-p	1,52	UP	125,93	4
Ras-related C3 botulinum toxin substrate 2	P15153	21429	-0,15	Mem	PER	G-p	1,62	UP	82,54	2
Ras-related C3 botulinum toxin substrate 3	P60763	21587	-0,13	Mem	PER	G-p	1,62	UP	98,39	3
Ras-related protein Rab-10	P61026	22541	-0,33	Mem	LA	G-p	0,96	=	62,55	2
Ras-related protein Rab-11B	Q15907	24588	-0,43	Mem	LA	G-p	2,59	UP	51,05	1
Ras-related protein Rab-13	P51153	22774	-0,5	Mem	LA	G-p	1,12	=	27,58	1
Ras-related protein Rab-14	P61106	24110	-0,41	Mem	LA	G-p	0,94	=	54,81	2
Ras-related protein Rab-1A	P62820	22891	-0,3	Mem	PER	G-p	2,11	UP	88,38	3
Ras-related protein Rab-1B	Q9H0U4	22328	-0,3	Mem	LA	G-p	2,09	UP	223,74	5
Ras-related protein Rab-21	Q9UL25	24348	-0,38	Mem	LA	G-p	1,28	=	21,5	1
Ras-related protein Rab-2A	P61019	23702	-0,36	Mem	LA	G-p	1,61	UP	68,12	1
Ras-related protein Rab-5A	P20339	23659	-0,42	Mem	LA	G-p	1,18	=	29,85	1
Ras-related protein Rab-5C	P51148	23696	-0,33	Mem	LA	G-p	0,85	=	114,7	3
Ras-related protein Rab-7a	P51149	23760	-0,37	Mem	LA	G-p	1,5	=	104,09	3
Ras-related protein Ral-A	P11233	23723	-0,68	Mem	LA	G-p	1,54	UP	111,91	2
Ras-related protein Rap-1A	P62834	21316	-0,44	Mem	LA	G-p	0,93	=	145,28	5
Ras-related protein Rap-1b	P61224	21040	-0,419	Mem	PER	G-p	0,97	=	172,44	6
Ras-related protein Rap-1b-like protein	A6NIZ1	20925	-0,43	Mem	PER	G-p	0,97	=	139,97	5
Ras-related protein Rap-2c	Q9Y3L5	20745	-0,27	Mem	LA	G-p	1,74	UP	29,17	1
Ras-related protein R-Ras2	P62070	23613	-0,62	Mem	LA	G-p	1,02	=	32,46	1
Receptor-type tyrosine-protein phosphatase β	P23467	224301	-0,38	Mem	TM	Enz	1,11	=	20,75	1
Renin receptor	O75787	38983	-0,02	Mem	TM	Rec	1,16	=	29,7	1

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Retinoic acid-induced gene 3 protein	Q9NQ84	48732	0,29	Mem	TM	Rec	0,4	DOWN	127,16	5
Retinoic acid-induced protein 3	Q8NFJ5	40624	0,31	Mem	TM	Rec	0,87	=	19,77	1
Rho-related GTP-binding protein RhoG	P84095	21309	-0,28	Mem	LA	G-p	1,65	UP	33,75	1
Rho-related GTP-binding protein RhoJ	Q9H4E5	23821	-0,24	Mem	LA	G-p	1,65	UP	33,75	1
Ribonuclease inhibitor	P13489	49973	0,05	Cyt		Bin	1,06	=	26,13	1
RING finger protein 170	Q96K19	29815	0,3	Mem	TM	Enz	1,29	=	43,41	1
Serine β -lactamase-like protein LACTB	P83111	60694	-0,5	Nu		Unk	1,21	=	14,09	1
Serum albumin;ALBU	P02768	71317	-0,39	Ex		Tr	1,6	UP	177,66	5
Serum amyloid P-component	P02743	25485	-0,18	Ex		Bin	2,01	UP	103,42	2
SH3 domain-containing protein 6511	Q9UKS6	48799	-0,97	Cyt		Enz	1,04	=	25,38	1
Short/branched chain specific acyl-CoA DH	P45954	47485	-0,14	Org		Enz	0,61	DOWN	22,39	1
Sialoadhesin	Q9BZZ2	182624	-0,06	Mem	TM	Str	0,72	=	14,88	1
Sideroflexin-1	Q9H9B4	35881	0,03	Mem	TM	Tr	0,91	=	123,41	2
Single-stranded DNA-binding protein	Q04837	17249	-0,61	Org		DNA	0,78	=	73,06	1
Small VCP/p97-interacting protein	Q8NHG7	8551	-0,92	Mem	PER	Unk	1,2	=	67,59	2
Solute carrier family 12 member 1	Q13621	122627	0,09	Mem	TM	Tr	0,7	=	63,99	3
Solute carrier family 12 member 3	P55017	114207	0,15	Mem	TM	Tr	0,51	DOWN	53,12	2
Solute carrier family 23 member 1	Q9UHI7	65644	0,49	Mem	TM	Tr	0,73	=	30,09	1
Solute carrier family 25 member 11	Q02978	34211	0,11	Mem	TM	Enz	0,74	=	36,9	1
Spectrin α chain, erythrocyte	P02549	281039	-0,76	Cyt		Str	0,99	=	52,56	2
Spectrin α chain, non-erythrocytic 1	Q13813	285163	-0,79	Cyt		Str	1,03	=	1219,46	34
Spectrin β chain, brain 1	Q01082	275237	-0,76	Cyt		Str	1,08	=	809,35	19
Spectrin β chain, erythrocyte	P11277	247171	-0,67	Cyt		Str	1,42	=	66,75	4
SRC kinase signaling inhibitor 1	Q9C0H9	112453	-0,64	Cyt		Bin	1,3	=	15,21	1
StAR-related lipid transfer protein 6	P59095	25022	-0,45	Cyt		Tr	0,42	DOWN	14,94	1
Stomatin-like protein 2	Q9UJZ1	38624	-0,19	Mem	PER	Str	0,99	=	519,38	6
Stress-70 protein, mitochondrial	P38646	73920	-0,4	Org		Bin	1,33	=	426,73	8
Synaptojanin-2-binding protein	P57105	15928	-0,16	Mem	TM	Bin	1,34	=	31,28	1
Synaptophysin-like protein 1	Q16563	28565	0,34	Mem	TM	Tr	0,92	=	23,79	1

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Synaptosomal-associated protein 23	O00161	23682	-0,82	Mem	LA	Rec	1,42	=	161,59	3
Syntaxin-7	O15400	29911	-0,25	Mem	TM	Tr	1,61	UP	130,75	3
Talin-1	Q9Y490	271766	-0,24	Mem	PER	Str	1,19	=	122,54	3
Terminal uridylyltransferase 7	Q5VYS8	171229	-0,72	Cyt		RNA	1,14	=	14,19	1
Testin	Q9UGI8	47996	-0,53	Cyt		Str	1,67	UP	25,3	1
TGF- β -induced protein ig-h3	Q15582	74681	-0,15	Ex		Bin	1,71	UP	32,82	1
Thromboxane A2 receptor	P21731	37431	0,49	Mem	TM	Rec	0,27	DOWN	13,54	1
Thy-1 membrane glycoprotein	P04216	18151	-0,49	Mem	LA	Lig	0,79	=	216,85	3
Toll-like receptor 3	O15455	104732	-0,13	Mem	TM	Rec	1,48	=	118,31	2
TOMM20	Q15388	16459	-0,33	Mem	TM	Tr	1,16	=	31,75	1
TOMM22	Q9NS69	15512	-0,25	Mem	TM	Rec	1,34	=	41,69	1
TOMM7	O94826	68096	-0,54	Mem	TM	Tr	1,09	=	146,65	3
Transformation-related gene 3 protein	Q9Y512	52342	-0,21	Mem	TM	Bin	1,19	=	72,58	1
Transforming protein RhoA	P61586	22096	-0,436	Mem	LA	Bin	2,12	UP	34,44	1
Transitional endoplasmic reticulum ATPase	P55072	89950	-0,35	Mem	PER	Tr	1,25	=	107,29	4
Transmembrane 4 L6 family member 1	P30408	21632	0,68	Mem	TM	Unk	1,18	=	13,98	1
Transmembrane adapter protein PAG	Q9NWQ8	47408	-0,76	Mem	TM	Bin	1,09	=	13,54	1
Transmembrane glycoprotein NMB	Q14956	64623	-0,32	Mem	TM	Bin	5,15	UP	94,2	2
Transmembrane protein 106B	Q9NUM4	31393	-0,23	Mem	TM	Rec	1,25	=	33,08	1
Transmembrane protein 120A	Q9BXJ8	41040	0,27	Mem	TM	Rec	0,75	=	15,44	1
Transmembrane protein 176A	Q96HP8	26385	0,28	Mem	TM	Rec	1,06	=	59,16	1
Transmembrane protein 43	Q9BTV4	44876	-0,05	Mem	TM	Str	1,24	=	13,57	1
Transmembrane protein 50B	P56557	18152	0,48	Mem	TM	Bin	1,11	=	32,36	1
Transmembrane protein 55B	Q86T03	30533	0,02	Mem	TM	Bin	1,29	=	36,52	1
Transmembrane protein 63A	O94886	93549	0,17	Mem	TM	Bin	0,45	DOWN	50,96	1
Transmembrane protein C15orf27	Q2M3C6	74880	-0,06	Mem	TM	Unk	0,45	DOWN	15,14	1
Transmembrane protein C2orf18	Q8N357	40473	0,54	Mem	TM	Tr	1,23	=	122,44	2
Trehalase	O43280	66925	-0,5	Mem	LA	Enz	0,73	=	85,55	3
Tricarboxylate transport protein, mitochondrial	P53007	34333	-0,07	Mem	TM	Tr	0,8	=	159,52	4

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Trifunctional purine biosynthetic protein adenosine-3	P22102	107767	0,034	Cyt		Enz	0,5	DOWN	16,44	1
Triosephosphate isomerase	P60174	31057	-0,16	Cyt		Enz	1,79	UP	279,91	5
Tripartite motif-containing protein 25	Q14258	70973	-0,43	Cyt		Enz	1,09	=	16,09	1
Tripartite motif-containing protein 50	Q86XT4	54774	-0,29	Cyt		Enz	1,19	=	29,21	1
Tubulin α -1A chain	Q71U36	50136	-0,22	Cyt		Str	2,25	UP	244,98	5
Tubulin α -1B chain	P68363	50804	-0,23	Cyt		Str	2,23	UP	314,24	6
Tubulin α -1C chain	Q9BQE3	49895	-0,23	Cyt		Str	2,12	UP	185,45	4
Tubulin α -3C/D chain	Q13748	49960	-0,18	Cyt		Str	2,22	UP	161,27	4
Tubulin α -4A chain	P68366	50634	-0,25	Cyt		Str	2,23	UP	227,82	5
Tubulin α -8 chain	Q9NY65	50094	-0,2	Cyt		Str	2,88	UP	59,53	1
Tubulin β chain	P07437	50095	-0,34	Cyt		Str	1,88	UP	477,45	11
Tubulin β -1 chain	Q9H4B7	50327	-0,24	Cyt		Str	1,37	=	48,95	2
Tubulin β -2A chain	Q13885	50274	-0,4	Cyt		Str	1,71	UP	298,63	10
Tubulin β -2B chain	Q9BVA1	49953	-0,4	Cyt		Str	1,71	UP	277,99	9
Tubulin β -3 chain	Q13509	50856	-0,37	Cyt		Str	2,04	UP	376,32	9
Tubulin β -4A chain	P04350	49586	-0,32	Cyt		Str	1,69	UP	383,64	9
Tubulin β -4B chain	P68371	50255	-0,36	Cyt		Str	1,69	UP	544,48	13
Tubulin β -6 chain	Q9BUF5	49857	-0,32	Cyt		Str	1,81	UP	177,63	6
Tubulin β -8 chain	Q3ZCM7	49776	-0,35	Cyt		Str	0,8	=	116,38	4
Tubulin β -8 chain B	A6NNZ2	49573	-0,34	Cyt		Str	1,46	=	78,99	3
Tubulin-specific chaperone C	Q15814	39248	-0,57	Cyt		Bin	3,16	UP	13,41	1
Two pore calcium channel protein 1	Q9ULQ1	94147	0,18	Mem	TM	Tr	0,77	=	46,2	1
Tyrosine-protein kinase HCK	P08631	59600	-0,52	Mem	LA	Enz	1,63	UP	30,31	1
Ubiquitin-protein ligase E3B;UBE3B	Q7Z3V4	124502	-0,1	Cyt		Bin	1,47	=	29,78	2
UDP-glucuronosyltransferase 1-10	Q9HAW8	59810	0,01	Mem	TM	Enz	0,49	DOWN	15,83	1
UDP-glucuronosyltransferase 1-6	P19224	60751	-0,1	Mem	TM	Enz	1,32	=	29,65	2
UDP-glucuronosyltransferase 2B10	P36537	61190	-0,07	Mem	TM	Enz	0,23	DOWN	23,57	1
Uncharacterized protein C1orf131	Q8NDD1	32766	-0,96	Unk		Unk	1,45	=	13,53	1
Uncharacterized protein KIAA2013	Q8IYS2	69157	-0,03	Mem	TM	Unk	0,64	DOWN	16,47	1

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Uncharacterized protein LOC388588	B2RUZ4	8915	-0,07	Mem	TM	Unk	0,82	=	99,65	1
Unconventional myosin-Ic	O00159	122461	-0,38	Cyt		Str	1,22	=	34,67	2
Unconventional myosin-Va	Q9Y4H1	216979	-0,56	Cyt		Str	0,62	DOWN	146,41	3
Unconventional myosin-Vc	Q9NQX4	203994	-0,52	Cyt		Str	0,17	DOWN	112,02	2
Unconventional myosin-VI	Q9UM54	150965	-0,67	Org		Str	1,02	=	196,82	3
UPF0539 protein C7orf59	Q0VGL1	10741	0,02	Org		Bin	0,49	DOWN	21,55	1
Uromodulin	P07911	72451	-0,21	Mem	LA	Rec	0,51	DOWN	679,14	11
Vascular non-inflammatory molecule 3	Q9NY84	56118	-0,24	Mem	LA	Enz	0,85	=	78,55	1
Very long-chain acyl-CoA synthetase	O14975	70312	-0,09	Mem	TM	Enz	0,38	DOWN	31,97	1
Very long-chain specific acyl-CoA dehydrogenase	P49748	70745	-0,04	Mem	PER	Tr	0,81	=	195,54	4
Very-long-chain enoyl-CoA reductase	Q9NZ01	36034	0,03	Mem	TM	Enz	0,95	=	20,31	1
Vesicle-associated membrane protein 3	Q15836	11359	-0,07	Mem	TM	Tr	1,6	UP	109,22	1
Vesicle-associated membrane protein 8	Q9BV40	11488	-0,04	Org		Tr	1,05	=	18,95	1
Vesicle-trafficking protein SEC22b	O75396	24806	-0,14	Mem	TM	Tr	1,01	=	35,41	1
Villin-1	P09327	93093	-0,44	Cyt		Str	1,4	=	89,47	4
Vimentin	P08670	53676	-0,82	Cyt		Str	1,01	=	341,31	9
Vinculin	P18206	124292	-0,4	Mem	PER	Str	1,03	=	93,52	2
Vitamin K epoxide reductase complex subunit 1	Q9BQB6	18622	0,54	Mem	TM	Enz	1,31	=	76,98	1
Vitronectin	P04004	55069	-0,83	Ex		Str	0,93	=	28,69	1
Voltage-dependent anion-selective channel protein 1	P21796	30868	-0,41	Mem	TM	Tr	1,31	=	583,18	9
Voltage-dependent anion-selective channel protein 2	P45880	32060	-0,28	Mem	TM	Tr	0,88	=	454,84	9
Voltage-dependent anion-selective channel protein 3	Q9Y277	30981	-0,28	Mem	TM	Tr	1,47	=	391,74	8
Voltage-dependent calcium channel subunit α -2-1	P54289	125630	-0,36	Mem	TM	Tr	0,96	=	207,84	4
V-type proton ATPase 116 kDa subunit a isoform 1	Q93050	97148	0,01	Mem	TM	Tr	0,51	DOWN	807,41	16
V-type proton ATPase 116 kDa subunit a isoform 2	Q9Y487	98082	0,13	Mem	TM	Tr	0,68	DOWN	14,29	1
V-type proton ATPase 116 kDa subunit a isoform 4	Q9HBG4	97235	0,11	Mem	TM	Tr	2,4	UP	241,92	5
V-type proton ATPase 16 kDa proteolipid subunit	P27449	15725	0,1	Mem	TM	Enz	6,26	UP	77,42	1
V-type proton ATPase catalytic subunit A	P38606	68660	-0,18	Mem	TM	Enz	0,52	DOWN	1173,06	18
V-type proton ATPase subunit B, brain isoform	P21281	56807	-0,16	Mem	PER	Enz	0,48	DOWN	1202,03	21

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V-type proton ATPase subunit B, kidney isoform	P15313	57196	-0,15	Mem	PER	Enz	0,61	DOWN	729,76	13
V-type proton ATPase subunit C 1	P21283	44085	-0,31	Mem	PER	Enz	0,41	DOWN	188,84	5
V-type proton ATPase subunit D	Q9Y5K8	28245	-0,44	Mem	PER	Enz	0,47	DOWN	151,94	2
V-type proton ATPase subunit d 1	P61421	40759	-0,09	Mem	PER	Enz	0,7	=	295,62	7
V-type proton ATPase subunit d 2	Q8N8Y2	40913	-0,19	Mem	PER	Enz	2,08	UP	177,16	5
V-type proton ATPase subunit E 1	P36543	26186	-0,54	Mem	PER	Enz	0,71	=	287,34	5
V-type proton ATPase subunit E 2	Q96A05	26074	-0,35	Mem	PER	Tr	0,53	DOWN	13,15	1
V-type proton ATPase subunit F	Q16864	13362	-0,25	Mem	PER	Enz	0,67	DOWN	191,28	4
V-type proton ATPase subunit G 1	O75348	13863	-0,11	Mem	PER	Enz	0,33	DOWN	188,95	3
V-type proton ATPase subunit H	Q9UI12	56417	-0,36	Mem	PER	Enz	0,55	DOWN	402,62	6
V-type proton ATPase subunit S1	Q15904	52164	0,07	Mem	TM	Enz	0,71	=	32,32	1
Xaa-Pro aminopeptidase 2	O43895	76090	-0,28	Mem	LA	Enz	0,63	DOWN	721,41	14
Z-DNA-binding protein 1	Q9H171	46343	-0,67	Nu		DNA	0,42	DOWN	16,1	1
Zinc finger CCCH domain-containing protein 10	Q96K80	46052	-0,49	Nu		DNA	0,07	DOWN	15,01	1
Zinc finger protein 414	Q96IQ9	32782	-0,55	Nu		DNA	0,35	DOWN	19,27	1
Zinc finger protein 713	Q8N859	50172	-0,93	Nu		DNA	1,06	=	13,73	1
α -actinin-2	P35609	104358	-0,6	Ex		Str	1,48	=	57,03	2
α -actinin-3	Q08043	103241	-0,51	Cyt		Str	1,26	=	34,83	1
α -actinin-4;ACTN4	O43707	105245	-0,64	Cyt		Str	1,31	=	281,42	6
α -crystallin B chain;CRYAB	P02511	20146	-0,5	Nu		Str	1,58	UP	135,03	3
α -enolase;ENOA	P06733	47481	-0,22	Cyt		Enz	1,97	UP	109,73	2
α -1-antitrypsin	P01009	46878	-0,3	Ex		Bin	1,22	=	19,98	1
α -actinin-1	P12814	103058	-0,6	Cyt		Str	1,37	=	86,32	3
β -1-syntrophin	Q13884	58061	-0,3	Cyt		Str	5,2	UP	17,63	1
β -2-syntrophin	Q13425	57950	-0,12	Cyt		Str	0,89	=	21,13	1
β -actin-like protein 2	Q562R1	42003	-0,19	Cyt		Str	1,02	=	239,09	4
β -enolase	P13929	46987	-0,19	Cyt		Enz	2,34	UP	91,47	1
γ -glutamyltransferase light chain 2	Q14390	23661	-0,27	Mem	PER	Enz	0,83	=	64,04	1
γ -glutamyltranspeptidase 1	P19440	61410	0,02	Mem	TM	Enz	0,94	=	84,56	2

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γ -glutamyltranspeptidase 2	P36268	61771	0,04	Mem	TM	Enz	0,99	=	20,52	1

Notes: **Subcellular localization** column (by LocDB): Mem, membrane; Cyt, cytoplasm; Ex, extracellular; Org, organelles; Nu, nucleus; Unk, unknown. **Type of membrane interaction** column (by LocDB): TM, transmembrane; LA, lipid-anchored; PER, peripheral. **Molecular function** column (by Panther): Ada, adapter; Ag, antigen binding; Bin, binding; DNA, DNA binding; Enz, enzyme; G-p, G-protein; Lig, ligand; Rec, receptor; RNA, RNA binding; Sig, signaling; Str, structural; Tr, transport; Unk, unknown. **RCC/ANK ratio** column: =, unchanged. **Significant peptides**: peptides with a score higher than 13 (p-value >0.05) were considered significant.