Supplementary Table 1C

Accession	Protein Name	MWt (kDA)	pI	Scores	Peptides	SC	median 115/114	iTRAQ # 115/114	CV[%] 115/114	median 116/114	iTRAQ # 116/114	CV[%] 116/114	median 117/114	iTRAQ # 117/114	CV[%] 117/114
CH10_HUMAN	10 kDa heat shock protein, mitochondrial (Hsp10	10.9	9.4	721	9	77.5	1.04	9	13.28	1.06	9	33.01	1.04	9	29.72
U5S1_HUMAN	116 kDa U5 small nuclear ribonucleoprotein com	109.4	4.7	284	6	9.5	0.88	6	10.06	0.92	6	25.07	1.01	6	30.14
LPPRC_HUMAN	130 kDa leucine-rich protein (LRP 130) (GP130) (L	145.1	5.4	337	5	7.9	1.04	5	18.68	0.97	5	35.66	1.35	5	51.30
1433B_HUMAN	14-3-3 protein beta/alpha (Protein kinase C inhib	28.1	4.6	394	8	28.5	1.06	8	9.49	1.17	8	18.21	1.27	8	36.39
1433E_HUMAN	14-3-3 protein epsilon (14-3-3E) - Homo sapiens	29.2	4.5	271	6	25.1	1.17	6	5.87	1.12	6	25.76	1.56	6	21.83
1433G_HUMAN	14-3-3 protein gamma (Protein kinase C inhibitor	28.3	4.7	297	6	25.5	1.11	6	6.23	1.17	6	16.68	1.50	6	25.42
1433T_HUMAN	14-3-3 protein theta (14-3-3 protein tau) (14-3-3	27.7	4.5	306	7	22.0	1.01	7	10.17	1.13	7	16.67	1.31	7	28.76
1433Z_HUMAN	14-3-3 protein zeta/delta (Protein kinase C inhibi	27.7	4.6	280	7	18.8	1.03	7	11.78	1.15	7	16.93	1.31	7	33.87
SEP15_HUMAN	15 kDa selenoprotein precursor - Homo sapiens (	17.7	4.8	40	1	14.8	0.94	2	24.87	0.81	2	3.79	0.56	2	10.93
OXRP_HUMAN	150 kDa oxygen-regulated protein precursor (Orp	111.3	5.0	710	16	17.7	1.11	17	17.17	1.28	17	18.25	1.56	17	30.51
TB182_HUMAN	182 kDa tankyrase 1-binding protein - Homo sap	181.7	4.6	132	4	4.7	0.96	4	24.71	0.92	4	11.48	0.92	4	44.99
PCAT1_HUMAN	1-acylglycerophosphocholine O-acyltransferase 1	59.1	5.7	70	2	2.8	1.25	2	17.67	1.32	2	27.23	1.27	2	6.31
PLCB3_HUMAN	1-phosphatidylinositol-4,5-bisphosphate phosph	138.7	5.6	161	5	6.7	1.21	6	18.29	1.30	6	23.30	0.90	6	36.21
DECR_HUMAN	2,4-dienoyl-CoA reductase, mitochondrial precur	36.0	10.1	90	3	9.3	0.91	3	13.77	1.00	3	18.94	0.97	3	27.97
PRS6A_HUMAN	26S protease regulatory subunit 6A (Proteasome	49.2	5.0	162	2	20.0	1.21	2	3.48	1.15	2	15.31	0.94	2	14.74
PRS7_HUMAN	26S protease regulatory subunit 7 (Proteasome 2	48.6	5.6	208	4	12.5	0.93	4	22.19	0.96	4	19.00	0.90	4	39.55
PRS8_HUMAN	26S protease regulatory subunit 8 (Proteasome 2	45.6	7.8	170	1	26.8	1.27	2	19.74	1.15	2	6.30	1.76	2	9.06
PRS10_HUMAN	26S protease regulatory subunit S10B (Proteasor	44.1	7.8	122	4	12.1	0.98	4	10.90	0.97	4	21.02	1.04	4	22.76
PSMD1_HUMAN	26S proteasome non-ATPase regulatory subunit	105.8	5.1	144	4	8.7	0.82	4	13.40	0.79	4	22.57	0.86	4	5.42
PSMD6_HUMAN	26S proteasome non-ATPase regulatory subunit	45.5	5.3	125	3	11.8	1.04	4	10.53	1.05	4	35.61	0.88	4	36.36
PSMD9_HUMAN	26S proteasome non-ATPase regulatory subunit	24.6	6.5	125	2	13.9	0.96	2	14.85	0.79	2	2.12	0.90	2	21.33
RT09_HUMAN	28S ribosomal protein S9, mitochondrial precurs	45.8	10.1	77	1	10.9	0.93	2	8.11	0.93	2	6.00	1.13	2	1.59
KBL_HUMAN	2-amino-3-ketobutyrate coenzyme A ligase, mito	45.3	9.4	106	2	9.1	1.03	2	18.58	1.04	2	17.46	1.16	2	16.26
ODO1_HUMAN	2-oxoglutarate dehydrogenase E1 component, m	113.4	6.7	242	7	10.3	1.09	7	15.77	1.07	7	14.55	1.16	7	14.33
RM11_HUMAN	39S ribosomal protein L11, mitochondrial precur	20.7	10.5	131	3	24.5	0.78	3	36.88	0.95	3	52.39	0.74	3	61.25
RM14_HUMAN	39S ribosomal protein L14, mitochondrial precur	15.9	11.3	75	2	17.9	0.96	2	19.44	0.95	2	18.02	0.94	2	11.37
RM15_HUMAN	39S ribosomal protein L15, mitochondrial precur	33.4	10.5	148	6	19.9	1.00	10	17.47	0.98	10	24.53	1.16	10	16.28
RM17_HUMAN	39S ribosomal protein L17, mitochondrial precur	20.0	10.6	107	4	22.9	1.21	5	54.95	0.83	5	31.48	0.63	5	33.55
RM19_HUMAN	39S ribosomal protein L19, mitochondrial precur	33.5	10.2	63	1	7.2	0.93	6	13.88	0.99	6	12.53	0.86	6	20.56
RM38_HUMAN	39S ribosomal protein L38, mitochondrial precur	44.6	7.8	98	3	11.8	0.98	4	24.69	1.00	4	18.46	1.04	4	43.35
RM45_HUMAN	39S ribosomal protein L45, mitochondrial precur	35.3	9.8	52	2	7.8	1.03	2	33.57	0.92	2	8.09	0.94	2	8.05
HCD2_HUMAN	3-hydroxyacyl-CoA dehydrogenase type-2 (EC 1.1	26.9	9.1	387	6	34.9	0.94	6	10.09	1.04	6	18.64	1.10	6	28.81
3HIDH_HUMAN	3-hydroxyisobutyrate dehydrogenase, mitochon	35.3	9.3	87	1	9.2	1.09	2	5.85	1.20	2	16.91	1.01	2	13.34
THIM_HUMAN	3-ketoacyl-CoA thiolase, mitochondrial (EC 2.3.1.	41.9	9.3	93	3	10.3	1.32	3	14.98	1.55	3	27.31	1.23	3	45.24
THIK_HUMAN	3-ketoacyl-CoA thiolase, peroxisomal precursor (	44.3	9.8	125	3	13.7	1.27	4	10.49	1.37	4	21.91	1.76	4	19.09
RS10_HUMAN	40S ribosomal protein S10 - Homo sapiens (Hum	18.9	10.5	210	4	26.7	1.00	14	14.92	0.97	14	19.91	0.90	14	20.44
RS11_HUMAN	40S ribosomal protein S11 - Homo sapiens (Hum	18.4	11.0	201	5	27.8	0.87	7	10.91	0.63	7	46.68	0.50	7	81.45
RS12_HUMAN	40S ribosomal protein S12 - Homo sapiens (Hum	14.5	6.4	173	3	28.8	1.11	9	12.36	1.06	9	10.81	1.01	9	22.29
RS13_HUMAN	40S ribosomal protein S13 - Homo sapiens (Hum	17.2	11.0	249	4	19.9	0.92	9	19.86	0.90	9	29.23	0.83	9	27.33
RS14_HUMAN	40S ribosomal protein S14 - Homo sapiens (Hum	16.3	10.9	206	3	23.8	1.01	3	8.74	1.13	3	5.43	1.35	3	15.25
RS15_HUMAN	40S ribosomal protein S15 (RIG protein) - Homo s	17.0	10.8	75	3	12.4	0.69	3	39.09	0.55	3	45.53	0.65	3	12.47
RS15A_HUMAN	40S ribosomal protein S15a - Homo sapiens (Hun	14.8	10.9	78	2	31.5	1.17	3	8.87	1.22	3	21.15	1.56	3	9.83
RS16_HUMAN	40S ribosomal protein S16 - Homo sapiens (Hum	16.4	10.8	196	5	37.0	1.08	5	10.71	1.04	5	3.93	1.16	5	13.92
RS17_HUMAN	40S ribosomal protein S17 - Homo sapiens (Hum	15.5	10.4	68	2	13.3	0.81	2	1.31	0.84	2	13.50	0.72	2	15.79
RS18_HUMAN	40S ribosomal protein S18 (Ke-3) (Ke3) - Homo sa	17.7	11.5	206	5	30.9	0.94	17	17.48	1.06	17	20.89	1.19	17	18.14
RS19_HUMAN	40S ribosomal protein S19 - Homo sapiens (Hum	16.1	10.7	379	7	45.5	0.85	7	12.75	0.85	7	24.85	0.81	7	29.55

Supplementary Table 1C

RS2_HUMAN	40S ribosomal protein S2 (S4) (LLRep3 protein) -	31.3	11.0	386	9	30.4	1.00	9	10.10	0.99	9	31.49	1.19	9	46.81
RS20_HUMAN	40S ribosomal protein S20 - Homo sapiens (Hum	13.4	10.7	289	5	33.6	1.03	8	7.82	0.96	8	16.36	0.90	8	28.05
RS21_HUMAN	40S ribosomal protein S21 - Homo sapiens (Hum	9.1	9.7	204	3	32.5	0.87	4	25.55	0.85	4	29.15	0.79	4	24.78
RS23_HUMAN	40S ribosomal protein S23 - Homo sapiens (Hum	15.8	11.3	72	2	14.0	1.13	2	36.26	1.01	2	40.97	0.81	2	10.85
RS25_HUMAN	40S ribosomal protein S25 - Homo sapiens (Hum	13.7	10.6	197	4	39.2	0.98	4	9.21	0.85	4	9.55	0.78	4	18.35
RS26_HUMAN	40S ribosomal protein S26 - Homo sapiens (Hum	13.0	12.2	64	1	13.0	0.86	2	21.47	1.08	2	11.40	0.99	2	12.58
RS27_HUMAN	40S ribosomal protein S27 (Metallopan-stimulin	9.5	10.7	82	2	23.8	1.11	5	14.41	1.08	5	7.11	1.10	5	14.47
RS28_HUMAN	40S ribosomal protein S28 - Homo sapiens (Hum	7.8	11.6	82	1	17.4	1.03	3	2.25	1.07	3	6.20	0.81	3	19.62
RS29_HUMAN	40S ribosomal protein S29 - Homo sapiens (Hum	6.7	11.8	68	1	19.6	0.61	2	0.37	0.57	2	7.04	0.51	2	10.91
RS3_HUMAN	40S ribosomal protein S3 - Homo sapiens (Huma	26.7	10.3	259	5	30.0	1.01	13	17.02	1.22	13	40.00	1.45	13	50.45
RS30_HUMAN	40S ribosomal protein S30 - Homo sapiens (Hum	6.6	12.6	65	1	16.9	0.98	2	19.82	1.07	2	2.68	0.83	2	13.78
RS3A_HUMAN	40S ribosomal protein S3a - Homo sapiens (Hum	29.9	10.4	312	6	24.2	0.93	6	11.41	1.04	6	8.59	1.01	6	23.86
RS4X_HUMAN	40S ribosomal protein S4, X isoform (Single copy	29.6	10.8	451	10	36.1	1.04	10	21.63	1.05	10	29.60	1.19	10	30.11
RS5_HUMAN	40S ribosomal protein S5 - Homo sapiens (Huma	22.9	10.4	172	5	19.1	0.88	5	16.65	0.94	5	19.54	0.84	5	24.77
RS6_HUMAN	40S ribosomal protein S6 (Phosphoprotein NP33)	28.7	11.5	183	3	15.3	0.91	5	11.54	0.73	5	32.85	0.65	5	49.64
RS8_HUMAN	40S ribosomal protein S8 - Homo sapiens (Huma	24.2	11.0	165	5	31.2	0.97	8	20.98	1.07	8	29.31	1.16	8	27.78
RS9_HUMAN	40S ribosomal protein S9 - Homo sapiens (Huma	22.6	11.2	220	6	26.8	1.06	16	24.83	1.20	16	25.20	1.35	16	22.78
RSSA_HUMAN	40S ribosomal protein SA (p40) (34/67 kDa lamin	32.8	4.6	318	5	30.8	1.13	6	38.56	1.00	6	26.59	1.23	6	31.26
XRN2_HUMAN	5'-3' exoribonuclease 2 (EC 3.1.13.-) (DHM1-like	108.5	7.8	176	4	8.3	1.01	6	17.71	1.19	6	11.90	0.90	6	14.35
CH60_HUMAN	60 kDa heat shock protein, mitochondrial precur	61.0	5.6	1570	24	37.9	1.03	24	18.72	0.98	23	30.45	1.19	22	38.96
RLA0_HUMAN	60S acidic ribosomal protein P0 (L10E) - Homo sa	34.3	5.6	251	6	16.4	1.19	9	24.67	1.27	9	43.50	1.62	9	41.71
RLA1_HUMAN	60S acidic ribosomal protein P1 - Homo sapiens (	11.5	4.0	107	1	19.3	1.09	5	17.99	0.85	5	23.82	0.99	5	23.18
RLA2_HUMAN	60S acidic ribosomal protein P2 (Renal carcinoma	11.7	4.2	128	2	31.3	1.03	3	6.76	1.11	3	8.30	1.31	3	18.01
RL10_HUMAN	60S ribosomal protein L10 (QM protein) (Tumor	24.6	11.0	364	8	35.0	1.08	8	11.56	1.20	8	15.99	1.31	8	22.98
RL10A_HUMAN	60S ribosomal protein L10a (CSA-19) - Homo sap	24.8	10.5	118	2	12.9	1.04	8	10.50	1.20	8	9.53	1.45	8	17.38
RL12_HUMAN	60S ribosomal protein L12 - Homo sapiens (Hum	17.8	10.3	312	5	35.2	0.93	11	12.47	0.91	11	19.15	1.01	11	14.67
RL13_HUMAN	60S ribosomal protein L13 (Breast basic conserve	24.2	12.2	340	6	37.9	0.76	6	15.14	0.89	6	14.24	0.75	6	22.50
RL13A_HUMAN	60S ribosomal protein L13a (23 kDa highly basic	23.6	11.5	233	7	25.1	1.13	7	11.90	1.23	7	15.50	1.40	7	14.80
RL14_HUMAN	60S ribosomal protein L14 (CAG-ISL 7) - Homo sa	23.3	11.6	157	2	20.7	1.08	13	10.79	1.08	13	14.48	1.10	13	10.03
RL15_HUMAN	60S ribosomal protein L15 - Homo sapiens (Hum	24.1	12.2	359	7	36.8	1.21	7	36.56	1.25	7	28.32	1.23	7	55.34
RL17_HUMAN	60S ribosomal protein L17 (L23) - Homo sapiens	21.4	10.9	184	3	23.4	0.92	6	14.02	0.96	6	24.97	0.97	6	34.76
RL18_HUMAN	60S ribosomal protein L18 - Homo sapiens (Hum	21.6	12.3	165	2	16.5	0.91	5	22.89	0.98	5	21.94	0.86	5	23.88
RL18A_HUMAN	60S ribosomal protein L18a - Homo sapiens (Hun	20.7	11.7	148	4	21.6	1.00	8	23.44	1.01	8	18.32	1.16	8	18.56
RL23_HUMAN	60S ribosomal protein L23 (Ribosomal protein L1	14.9	11.2	229	4	32.1	1.09	5	6.34	1.06	5	13.70	0.99	5	27.96
RL23A_HUMAN	60S ribosomal protein L23a - Homo sapiens (Hun	17.7	10.9	246	5	25.6	1.01	7	9.25	1.09	7	33.62	0.97	7	52.40
RL24_HUMAN	60S ribosomal protein L24 (Ribosomal protein L3	17.8	12.0	172	4	35.0	0.87	4	24.36	0.78	4	13.03	0.76	4	18.70
RL26_HUMAN	60S ribosomal protein L26 - Homo sapiens (Hum	17.2	11.0	181	4	24.1	0.94	4	8.84	1.04	4	24.48	1.16	4	34.36
RL27_HUMAN	60S ribosomal protein L27 - Homo sapiens (Hum	15.8	11.0	171	5	25.0	1.01	8	14.26	1.13	8	35.50	1.27	8	42.75
RL27A_HUMAN	60S ribosomal protein L27a - Homo sapiens (Hun	16.6	11.8	156	3	16.2	1.11	9	19.75	1.17	9	11.44	1.45	9	10.27
RL28_HUMAN	60S ribosomal protein L28 - Homo sapiens (Hum	15.7	12.6	174	5	25.5	1.06	6	9.11	1.17	6	5.70	1.10	6	20.68
RL29_HUMAN	60S ribosomal protein L29 (Cell surface heparin-l	17.7	12.3	131	2	14.5	0.81	2	22.21	0.65	2	9.09	0.56	2	14.43
RL3_HUMAN	60S ribosomal protein L3 (HIV-1 TAR RNA-bindin	46.1	10.8	255	8	14.6	1.03	9	13.67	1.08	9	19.00	1.13	9	34.89
RL31_HUMAN	60S ribosomal protein L31 - Homo sapiens (Hum	14.5	11.0	139	4	32.0	0.89	4	19.33	0.93	4	30.40	0.86	4	48.82
RL32_HUMAN	60S ribosomal protein L32 - Homo sapiens (Hum	15.8	12.1	176	3	15.6	0.91	3	17.39	1.15	3	24.68	1.01	3	27.64
RL34_HUMAN	60S ribosomal protein L34 - Homo sapiens (Hum	13.3	12.4	44	2	15.4	1.09	2	13.94	0.81	2	9.31	0.94	2	14.47
RL35_HUMAN	60S ribosomal protein L35 - Homo sapiens (Hum	14.5	11.5	129	4	21.1	0.88	7	17.28	1.04	7	19.62	0.99	7	33.24
RL36_HUMAN	60S ribosomal protein L36 - Homo sapiens (Hum	12.2	12.2	178	2	24.8	0.96	7	12.34	0.92	7	10.02	1.04	7	13.67
RL36A_HUMAN	60S ribosomal protein L36a (60S ribosomal prote	12.4	11.7	114	4	33.0	0.96	4	5.32	0.95	4	10.88	0.83	4	13.78
RL37_HUMAN	60S ribosomal protein L37 (G1.16) - Homo sapien	11.1	12.7	71	2	13.4	0.97	3	10.04	0.77	3	21.76	0.76	3	23.90

Supplementary Table 1C

RL38_HUMAN	60S ribosomal protein L38 - Homo sapiens (Huma	8.2	10.7	100	2	41.4	0.74	5	10.80	0.56	5	27.33	0.48	5	28.14
RL4_HUMAN	60S ribosomal protein L4 (L1) - Homo sapiens (Hu	47.7	11.8	438	10	27.4	0.96	10	14.27	0.99	10	25.69	1.01	10	29.94
RL5_HUMAN	60S ribosomal protein L5 - Homo sapiens (Humar	34.3	10.2	410	9	21.9	0.97	10	7.01	0.92	10	25.33	0.99	10	28.69
RL6_HUMAN	60S ribosomal protein L6 (TAX-responsive enhan	32.7	11.1	299	7	25.3	1.15	13	13.40	1.17	13	22.14	1.31	13	33.75
RL7_HUMAN	60S ribosomal protein L7 - Homo sapiens (Humar	29.2	11.1	276	7	32.7	1.01	7	17.05	0.94	7	26.28	1.13	7	25.61
RL7A_HUMAN	60S ribosomal protein L7a (Surfeit locus protein	30.0	11.3	346	7	33.8	1.11	7	19.39	1.12	7	16.30	1.19	7	22.07
RL8_HUMAN	60S ribosomal protein L8 - Homo sapiens (Humar	28.0	11.9	470	8	36.2	1.00	8	11.47	1.00	8	14.91	1.04	8	29.34
RL9_HUMAN	60S ribosomal protein L9 - Homo sapiens (Humar	21.8	10.5	108	3	16.7	0.84	3	19.86	0.76	3	18.06	1.04	3	6.48
K6PP_HUMAN	6-phosphofructokinase type C (EC 2.7.1.11) (Pho	85.5	8.5	88	4	6.5	1.11	5	10.88	1.03	5	16.40	1.27	5	9.79
K6PL_HUMAN	6-phosphofructokinase, liver type (EC 2.7.1.11) (	85.0	7.9	85	2	4.7	0.96	3	6.66	0.99	3	5.54	1.13	3	16.73
6PGD_HUMAN	6-phosphogluconate dehydrogenase, decarboxy	53.1	7.0	153	1	6.8	1.15	4	11.69	1.09	4	5.98	1.16	4	9.19
GRP78_HUMAN	78 kDa glucose-regulated protein precursor (GRP	72.3	4.9	1934	30	44.8	1.09	29	15.76	1.11	29	27.05	1.35	29	20.99
DHCR7_HUMAN	7-dehydrocholesterol reductase (EC 1.3.1.21) (7-	54.5	9.7	82	2	2.9	1.06	7	21.47	1.65	7	22.66	1.62	7	25.83
ABD12_HUMAN	Abhydrolase domain-containing protein 12 - Hor	45.1	9.6	96	3	15.8	1.08	3	12.27	0.97	3	15.97	1.31	3	21.41
THIC_HUMAN	Acetyl-CoA acetyltransferase, cytosolic (EC 2.3.1.	41.3	6.5	127	3	9.6	1.30	3	23.59	1.35	3	20.72	0.92	3	31.49
THIL_HUMAN	Acetyl-CoA acetyltransferase, mitochondrial prec	45.2	9.6	174	4	14.8	0.94	4	12.43	1.07	4	16.18	1.23	4	20.92
COA1_HUMAN	Acetyl-CoA carboxylase 1 (EC 6.4.1.2) (ACC-alpha	265.4	5.9	192	5	3.8	0.98	6	16.98	0.92	6	8.36	0.84	6	21.37
ACS2L_HUMAN	Acetyl-coenzyme A synthetase 2-like, mitochond	74.8	6.7	104	3	7.5	1.01	7	28.60	1.27	7	23.14	1.10	7	19.04
AN32A_HUMAN	Acidic leucine-rich nuclear phosphoprotein 32 fa	28.6	3.8	124	3	14.1	1.11	3	2.86	1.25	3	10.42	1.01	3	21.09
ACON_HUMAN	Aconitate hydratase, mitochondrial precursor (E	85.4	7.9	69	1	6.5	1.00	3	19.14	0.88	3	20.71	0.84	3	21.07
ACTS_HUMAN	Actin, alpha skeletal muscle (Alpha-actin-1) - Hor	42.0	5.1	897	15	32.4	1.06	15	15.74	1.13	14	20.81	1.23	14	43.63
ACTB_HUMAN	Actin, cytoplasmic 1 (Beta-actin) - Homo sapiens	41.7	5.2	1747	21	48.3	1.01	20	16.92	1.06	19	20.32	1.19	20	43.91
ARP3_HUMAN	Actin-like protein 3 (Actin-related protein 3) - Ho	47.3	5.5	153	3	8.4	0.96	6	26.80	0.93	6	30.24	0.86	6	33.12
ARPC3_HUMAN	Actin-related protein 2/3 complex subunit 3 (ARP	20.5	9.5	57	2	10.1	0.92	3	11.33	0.84	3	18.24	1.04	3	9.57
ARP5L_HUMAN	Actin-related protein 2/3 complex subunit 5-like	16.9	6.2	85	2	19.0	0.97	2	4.95	0.53	2	39.42	0.71	2	15.38
TCP4_HUMAN	Activated RNA polymerase II transcriptional coac	14.4	10.1	186	4	34.6	1.00	4	7.03	1.12	4	12.22	1.19	4	15.36
ADNP_HUMAN	Activity-dependent neuroprotector (Activity-dep	123.5	7.1	132	3	6.8	1.15	3	27.78	1.50	3	21.06	1.50	3	30.33
ACAD9_HUMAN	Acyl-CoA dehydrogenase family member 9, mito	68.7	9.0	122	3	6.4	1.00	3	16.16	1.06	3	14.16	1.10	3	19.58
ACBP_HUMAN	Acyl-CoA-binding protein (ACBP) (Diazepam-binc	10.0	6.2	296	5	63.2	1.13	6	14.75	0.93	6	30.09	0.72	6	29.11
LYPA1_HUMAN	Acyl-protein thioesterase 1 (EC 3.1.2.-) (Lysophos	24.7	6.3	47	1	5.7	0.89	2	25.24	0.87	2	34.81	0.78	2	34.30
APT_HUMAN	Adenine phosphoribosyltransferase (EC 2.4.2.7) (	19.6	5.7	121	2	19.4	1.23	17	19.70	1.23	17	18.91	1.45	17	20.20
SAHH_HUMAN	Adenosylhomocysteinase (EC 3.3.1.1) (S-adenosy	47.7	5.9	285	5	19.2	0.97	5	12.34	1.01	5	18.09	1.19	5	17.19
KAD1_HUMAN	Adenylate kinase isoenzyme 1 (EC 2.7.4.3) (ATP-A	21.6	9.4	132	3	16.5	1.08	8	22.34	1.15	8	24.96	1.10	8	24.88
KAD2_HUMAN	Adenylate kinase isoenzyme 2, mitochondrial (EC	26.5	8.9	194	3	25.5	0.93	3	28.06	0.86	3	40.22	0.97	3	14.13
KAD4_HUMAN	Adenylate kinase isoenzyme 4, mitochondrial (EC	25.3	9.2	85	3	16.1	0.96	3	7.83	1.03	3	9.57	0.99	3	13.90
APMAP_HUMAN	Adipocyte plasma membrane-associated protein	46.5	5.8	210	4	18.3	1.11	9	22.37	0.93	9	22.81	1.07	9	34.15
ADT2_HUMAN	ADP/ATP translocase 2 (Adenine nucleotide trans	32.9	10.3	499	10	37.9	1.08	10	16.00	1.09	10	21.19	1.69	10	33.62
ADT3_HUMAN	ADP/ATP translocase 3 (Adenine nucleotide trans	32.8	10.3	454	9	34.2	1.09	9	14.76	1.09	9	24.13	1.56	9	35.90
ADPGK_HUMAN	ADP-dependent glucokinase (EC 2.7.1.147) (ADP(	54.1	5.8	46	1	3.0	1.11	2	0.79	0.96	2	5.82	0.94	2	27.06
ARF3_HUMAN	ADP-ribosylation factor 3 - Homo sapiens (Huma	20.6	7.7	77	2	16.6	1.25	3	51.65	1.06	3	13.62	1.35	3	19.07
AFG32_HUMAN	AFG3-like protein 2 (EC 3.4.24.-) (Paraplegin-like	88.5	9.4	160	3	4.3	0.98	3	9.21	1.20	3	9.82	1.35	3	22.19
AGRIN_HUMAN	Agrin precursor - Homo sapiens (Human)	214.7	6.0	671	16	14.6	1.01	16	16.36	1.11	16	26.63	1.10	16	39.04
SYAC_HUMAN	Alanyl-tRNA synthetase, cytoplasmic (EC 6.1.1.7)	106.7	5.2	149	2	8.9	0.89	5	14.96	0.88	5	25.48	1.04	5	20.31
AK1A1_HUMAN	Alcohol dehydrogenase [NADP+] (EC 1.1.1.2) (Alc	36.5	6.4	88	3	16.3	0.83	4	19.80	1.04	4	21.87	1.04	4	39.47
ALDH2_HUMAN	Aldehyde dehydrogenase, mitochondrial precurs	56.3	6.8	237	6	15.3	0.85	6	32.41	0.90	6	27.10	0.99	6	39.11
AK1BA_HUMAN	Aldo-keto reductase family 1 member B10 (EC 1.	36.0	7.8	159	4	12.7	1.13	4	17.86	1.06	4	27.04	1.62	4	47.30
AK1C3_HUMAN	Aldo-keto reductase family 1 member C3 (EC 1.-.	36.8	9.0	146	4	19.5	0.85	5	38.24	0.89	5	33.08	0.88	5	99.96
ADAS_HUMAN	Alkyldihydroxyacetonephosphate synthase, perc	72.9	7.2	159	5	13.2	1.01	6	20.45	1.03	6	23.59	0.99	6	17.36
ACTN1_HUMAN	Alpha-actinin-1 (Alpha-actinin cytoskeletal isofor	103.0	5.1	485	9	13.3	0.98	9	17.53	1.08	9	29.42	1.04	9	44.39

Supplementary Table 1C

ACTN4_HUMAN	Alpha-actinin-4 (Non-muscle alpha-actinin 4) (F-a	104.8	5.2	1121	24	25.4	1.04	23	19.04	1.09	23	26.75	1.07	23	39.35
AL7A1_HUMAN	Alpha-aminoadipic semialdehyde dehydrogenas	55.3	6.5	83	1	7.8	1.01	5	26.46	0.93	5	15.26	0.86	5	5.55
ENOA_HUMAN	Alpha-enolase (EC 4.2.1.11) (2-phospho-D-glycer	47.1	7.7	838	14	32.9	1.23	14	17.06	1.37	14	26.28	1.40	14	39.37
AMPB_HUMAN	Aminopeptidase B (EC 3.4.11.6) (Ap-B) (Arginyl a	72.5	5.4	159	4	10.9	1.03	6	18.93	1.05	6	7.23	1.04	6	10.18
ANK3_HUMAN	Ankyrin-3 (ANK-3) (Ankyrin-G) - Homo sapiens (H	480.1	6.1	245	4	2.9	0.87	4	8.54	0.83	4	11.21	0.72	4	38.91
ANXA1_HUMAN	Annexin A1 (Annexin I) (Lipocortin I) (Calpactin II	38.7	6.7	675	7	33.8	0.91	7	14.99	0.81	7	21.16	1.16	7	12.30
ANX11_HUMAN	Annexin A11 (Annexin XI) (Calcyclin-associated a	54.4	8.5	258	8	18.4	0.98	12	14.20	0.86	12	28.11	1.01	12	25.41
ANXA2_HUMAN	Annexin A2 (Annexin II) (Lipocortin II) (Calpactin	38.6	8.5	1801	26	60.5	1.01	26	18.77	1.19	25	31.57	1.45	25	50.33
ANXA3_HUMAN	Annexin A3 (Annexin III) (Lipocortin III) (Placenta	36.4	5.5	96	3	13.0	1.06	3	8.43	1.13	3	13.35	1.07	3	29.78
ANXA4_HUMAN	Annexin A4 (Annexin IV) (Lipocortin IV) (Endonex	35.9	5.8	727	14	40.8	0.93	14	19.06	1.04	14	21.89	1.27	14	30.42
ANXA5_HUMAN	Annexin A5 (Annexin V) (Lipocortin V) (Endonexi	35.9	4.8	387	7	26.9	1.04	7	11.26	0.81	7	31.92	1.16	7	19.13
AGR2_HUMAN	Anterior gradient protein 2 homolog precursor (S	20.0	9.5	442	6	35.4	1.15	6	9.97	1.20	6	13.35	1.62	6	20.04
AP2A1_HUMAN	AP-2 complex subunit alpha-1 (Adapter-related p	107.5	6.7	108	4	6.6	1.11	9	11.86	1.00	9	33.45	1.16	8	16.71
ACF_HUMAN	APOBEC1 complementation factor (APOBEC1-stir	65.2	9.1	42	1	1.9	0.89	2	10.69	0.82	2	3.32	0.99	2	15.63
API5_HUMAN	Apoptosis inhibitor 5 (API-5) (Fibroblast growth f	57.5	5.8	81	2	7.5	1.13	2	11.01	1.16	2	4.82	1.40	2	7.99
AIFM1_HUMAN	Apoptosis-inducing factor 1, mitochondrial precu	66.9	9.6	73	2	8.2	0.72	2	11.76	0.83	2	21.63	0.70	2	59.10
TRA2B_HUMAN	Arginine/serine-rich-splicing factor 10 (Transforn	33.6	11.8	101	5	21.2	1.06	6	21.00	0.96	6	11.45	1.04	6	19.33
SYRC_HUMAN	Arginyl-tRNA synthetase, cytoplasmic (EC 6.1.1.1	75.3	6.3	96	3	6.4	1.21	4	15.65	1.09	4	24.56	1.16	4	15.45
AR6P1_HUMAN	ARL-6-interacting protein 1 (ADP-ribosylation-like	23.3	10.0	62	2	5.9	1.13	2	5.00	1.11	2	12.20	1.40	2	17.00
ARS2_HUMAN	Arsenite-resistance protein 2 - Homo sapiens (Hu	100.6	5.6	153	2	5.8	0.92	2	13.89	1.19	2	38.42	1.23	2	16.97
AATM_HUMAN	Aspartate aminotransferase, mitochondrial precu	47.4	9.8	306	5	18.8	1.11	5	8.26	1.04	5	17.85	1.16	5	39.26
ASPH_HUMAN	Aspartyl/asparaginyl beta-hydroxylase (EC 1.14.1	85.8	4.8	187	5	8.8	1.04	5	11.00	0.90	5	27.03	1.07	5	22.61
SYDC_HUMAN	Aspartyl-tRNA synthetase, cytoplasmic (EC 6.1.1.	57.1	6.1	62	2	8.2	0.78	2	26.38	1.13	2	6.57	1.07	2	5.08
ATP5H_HUMAN	ATP synthase D chain, mitochondrial (EC 3.6.3.14	18.5	5.1	135	3	18.0	0.96	5	11.64	1.08	5	10.11	1.10	5	18.15
ATPG_HUMAN	ATP synthase gamma chain, mitochondrial precu	33.0	9.7	113	2	7.4	1.11	2	10.91	1.45	2	6.46	1.93	2	19.31
ATPO_HUMAN	ATP synthase O subunit, mitochondrial precurso	23.3	10.5	158	4	25.8	1.04	4	18.41	1.13	4	5.70	0.78	4	52.85
ATPA_HUMAN	ATP synthase subunit alpha, mitochondrial precu	59.7	9.6	658	12	23.9	1.04	12	16.06	1.06	12	20.41	1.31	12	42.99
ATPB_HUMAN	ATP synthase subunit beta, mitochondrial precur	56.5	5.1	1274	20	38.6	1.06	20	19.53	1.06	20	29.35	1.27	20	42.27
ATAD1_HUMAN	ATPase family AAA domain-containing protein 1	40.7	6.5	72	2	4.7	0.91	2	38.84	1.19	2	39.13	1.07	2	68.20
ATD2B_HUMAN	ATPase family AAA domain-containing protein 2B	164.8	6.4	141	3	5.6	0.87	3	4.82	1.13	3	21.96	0.86	3	18.16
ATD3A_HUMAN	ATPase family AAA domain-containing protein 3A	71.3	9.7	242	8	14.0	0.97	8	11.66	1.08	8	15.38	1.07	8	19.81
ATIF1_HUMAN	ATPase inhibitor, mitochondrial precursor - Hom	12.2	9.9	195	2	30.2	1.09	3	21.52	1.60	3	6.52	1.69	3	30.79
ABCD3_HUMAN	ATP-binding cassette sub-family D member 3 (70	75.4	9.9	108	2	11.1	1.01	3	11.20	0.95	3	14.54	1.13	3	9.32
ABCF1_HUMAN	ATP-binding cassette sub-family F member 1 (AT	95.9	6.4	113	4	5.3	0.93	5	14.13	0.92	5	24.06	1.10	5	28.92
ABCF2_HUMAN	ATP-binding cassette sub-family F member 2 (Iro	71.2	7.1	95	2	8.3	0.92	2	0.71	0.85	2	6.60	0.99	2	6.98
ACLY_HUMAN	ATP-citrate synthase (EC 2.3.3.8) (ATP-citrate (pr	120.8	7.1	128	5	6.6	1.08	10	21.80	0.93	10	34.20	0.94	10	54.17
KU70_HUMAN	ATP-dependent DNA helicase 2 subunit 1 (ATP-d	69.8	6.2	177	3	9.0	1.06	3	8.68	1.09	3	20.38	1.35	3	11.10
KU86_HUMAN	ATP-dependent DNA helicase 2 subunit 2 (EC 3.6	82.7	5.5	110	3	6.1	1.11	4	20.29	1.23	4	19.41	1.19	4	6.79
DHX9_HUMAN	ATP-dependent RNA helicase A (EC 3.6.1.-) (Nucl	140.9	6.4	456	8	11.2	0.97	8	16.60	1.27	8	19.67	1.35	8	14.90
DDX1_HUMAN	ATP-dependent RNA helicase DDX1 (EC 3.6.1.-) (D	82.4	6.9	181	5	9.1	0.94	6	23.12	1.09	6	21.12	0.86	6	12.83
DDX18_HUMAN	ATP-dependent RNA helicase DDX18 (EC 3.6.1.-)	75.4	10.1	117	2	5.7	0.98	2	5.48	1.32	2	7.91	1.50	2	12.87
DDX3X_HUMAN	ATP-dependent RNA helicase DDX3X (EC 3.6.1.-)	73.2	6.8	271	8	25.7	0.97	8	23.36	0.90	8	19.68	0.84	8	15.41
DDX50_HUMAN	ATP-dependent RNA helicase DDX50 (EC 3.6.1.-)	82.5	9.9	127	2	5.7	1.11	2	3.51	1.09	2	2.39	1.07	2	9.74
BAF_HUMAN	Barrier-to-autointegration factor (Breakpoint clu	10.1	5.8	117	3	23.6	1.08	20	12.67	1.25	20	20.16	1.23	20	17.58
PGBM_HUMAN	Basement membrane-specific heparan sulfate pr	468.5	6.1	574	18	7.9	0.98	18	24.74	0.97	18	21.13	0.97	18	29.36
BAP31_HUMAN	B-cell receptor-associated protein 31 (BCR-assoc	28.0	9.1	206	5	19.1	1.00	12	13.77	1.16	12	14.71	1.16	12	11.05
SNTB1_HUMAN	Beta-1-syntrophin (59 kDa dystrophin-associated	58.0	9.5	98	2	11.9	0.77	2	0.75	0.79	2	7.47	0.65	2	13.49
SYEP_HUMAN	Bifunctional aminoacyl-tRNA synthetase [Include	162.9	8.6	336	8	8.3	0.94	8	16.21	0.77	8	25.58	0.66	8	37.55
PUR9_HUMAN	Bifunctional purine biosynthesis protein PURH [H	64.6	6.3	311	9	17.1	0.98	9	20.95	1.00	9	24.78	1.01	9	35.90

Supplementary Table 1C

BCAT2_HUMAN	Branched-chain-amino-acid aminotransferase, m	44.3	9.7	111	3	13.0	1.13	3	23.34	1.01	3	11.30	1.04	3	29.04
BAZ1B_HUMAN	Bromodomain adjacent to zinc finger domain pro	170.8	9.4	189	6	6.7	1.09	6	13.39	1.22	6	37.10	0.99	6	31.31
BYST_HUMAN	Bystin - Homo sapiens (Human)	49.6	9.0	68	2	9.4	0.97	2	4.98	0.80	2	15.59	0.99	2	6.16
C1TC_HUMAN	C-1-tetrahydrofolate synthase, cytoplasmic (C1-T	101.5	7.0	315	11	10.4	0.96	11	20.01	0.99	10	18.69	0.97	10	26.93
PYR1_HUMAN	CAD protein [Includes: Glutamine-dependent car	242.8	6.0	148	2	4.9	0.93	2	4.86	1.13	2	19.80	0.78	2	33.45
CMC2_HUMAN	Calcium-binding mitochondrial carrier protein Ar	74.1	9.4	105	2	5.9	0.98	2	11.14	0.77	2	24.44	1.13	2	14.58
CHSP1_HUMAN	Calcium-regulated heat stable protein 1 (Calcium	15.9	9.5	60	1	7.5	1.08	2	1.50	0.85	2	2.34	0.79	2	6.46
CALX_HUMAN	Calnexin precursor (Major histocompatibility cor	67.5	4.3	415	6	14.0	1.06	11	14.65	1.12	11	14.59	1.35	11	14.57
CAN1_HUMAN	Calpain-1 catalytic subunit (EC 3.4.22.52) (Calpai	81.8	5.4	104	2	8.4	1.08	4	14.70	1.06	4	31.98	1.31	4	22.06
CAN5_HUMAN	Calpain-5 (EC 3.4.22.-) (nCL-3) (htra-3) - Homo sa	73.1	8.5	170	2	10.0	1.23	2	11.02	1.13	2	13.58	1.31	2	4.02
CALR_HUMAN	Calreticulin precursor (CRP55) (Calregulin) (HACE	48.1	4.1	601	11	24.7	1.01	11	19.72	1.00	11	15.48	1.10	11	32.13
CALU_HUMAN	Calumenin precursor (Crocalbin) (IEF SSP 9302) -	37.1	4.3	144	3	12.7	1.17	8	21.56	1.25	8	17.35	1.35	8	17.80
KAP2_HUMAN	cAMP-dependent protein kinase type II-alpha re	45.5	4.8	50	1	6.2	0.81	2	10.00	0.94	2	5.34	0.68	2	18.50
CBPD_HUMAN	Carboxypeptidase D precursor (EC 3.4.17.22) (Me	152.8	5.6	108	4	4.7	1.17	5	44.13	1.01	5	45.84	0.81	5	22.93
CACP_HUMAN	Carnitine O-acetyltransferase (EC 2.3.1.7) (Carnit	70.9	9.3	141	3	10.9	1.08	4	20.22	1.17	4	41.43	2.03	4	48.61
CPT2_HUMAN	Carnitine O-palmitoyltransferase 2, mitochondria	73.7	9.1	102	2	5.5	0.81	3	7.29	0.82	3	28.01	0.74	3	20.17
CSK21_HUMAN	Casein kinase II subunit alpha (EC 2.7.11.1) (CK II)	45.1	7.9	55	2	7.9	0.66	2	14.85	0.76	2	13.11	0.90	2	6.30
CLPB_HUMAN	Caseinolytic peptidase B protein homolog (Suppr	78.7	9.8	81	3	6.8	0.72	3	35.86	0.67	3	48.74	0.72	3	36.89
CATA_HUMAN	Catalase (EC 1.11.1.6) - Homo sapiens (Human)	59.7	7.0	430	6	18.4	1.06	6	20.15	1.20	6	22.36	1.16	6	26.03
COMT_HUMAN	Catechol O-methyltransferase (EC 2.1.1.6) - Hom	30.0	5.2	238	5	29.9	1.15	5	49.94	1.07	5	40.33	1.23	5	40.63
CTNA1_HUMAN	Catenin alpha-1 (Cadherin-associated protein) (A	100.0	5.9	401	8	16.4	0.94	8	25.32	1.07	8	28.83	0.99	8	22.07
CTND1_HUMAN	Catenin delta-1 (p120 catenin) (p120(ctn)) (Cadh	108.1	5.8	630	14	19.4	0.97	16	16.06	1.16	16	29.90	1.10	16	39.36
CD44_HUMAN	CD44 antigen precursor (Phagocytic glycoprotein	81.5	5.0	149	4	4.9	0.91	4	18.10	1.06	4	12.49	1.27	4	26.57
CD59_HUMAN	CD59 glycoprotein precursor (Membrane attack	14.2	6.1	109	2	15.6	0.96	3	0.79	0.87	3	7.02	1.23	3	18.22
CC50B_HUMAN	Cell cycle control protein 50B (Transmembrane p	38.9	9.0	86	2	12.0	1.15	2	21.69	1.17	2	26.66	0.78	2	34.22
CDC2_HUMAN	Cell division control protein 2 homolog (EC 2.7.11	34.1	9.0	111	4	15.2	0.82	4	12.10	0.90	4	21.26	0.97	4	9.38
CDC42_HUMAN	Cell division control protein 42 homolog precurs	21.3	5.7	146	3	26.7	1.19	4	34.17	1.32	4	25.80	1.31	4	49.14
CDC5L_HUMAN	Cell division cycle 5-like protein (Cdc5-like protei	92.2	8.9	91	3	7.5	0.84	4	20.56	0.91	4	6.69	0.79	4	24.97
CCAR1_HUMAN	Cell division cycle and apoptosis regulator protei	132.7	5.5	117	3	4.6	1.01	3	17.66	0.96	3	28.94	0.92	3	46.17
CHM4B_HUMAN	Charged multivesicular body protein 4b (Chroma	24.9	4.6	110	3	12.5	0.98	3	3.52	0.96	3	1.72	0.88	3	24.59
CLIC1_HUMAN	Chloride intracellular channel protein 1 (Nuclear	26.9	4.9	296	5	31.1	1.13	18	15.37	1.08	18	17.65	1.13	18	20.16
CISY_HUMAN	Citrate synthase, mitochondrial precursor (EC 2.3	51.7	9.1	368	8	19.7	0.97	8	10.24	1.11	8	29.13	1.50	8	28.58
CLH1_HUMAN	Clathrin heavy chain 1 (CLH-17) - Homo sapiens (	191.5	5.4	489	9	11.0	1.13	9	14.69	1.03	9	18.03	1.16	9	13.27
CLCA_HUMAN	Clathrin light chain A (Lca) - Homo sapiens (Huma	27.1	4.3	71	2	10.5	0.91	4	16.42	0.99	4	11.80	1.10	4	9.56
CPSF5_HUMAN	Cleavage and polyadenylation specificity factor 5	26.2	9.4	102	2	18.1	0.94	2	12.31	0.93	2	36.37	1.07	2	20.56
MYCBP_HUMAN	C-Myc-binding protein (Associate of Myc 1) (AMY	12.0	5.6	76	2	28.2	0.80	2	8.10	0.70	2	3.42	0.72	2	6.85
COPB_HUMAN	Coatomer subunit beta (Beta-coat protein) (Beta	107.1	5.7	162	3	8.2	0.89	3	2.50	0.63	3	36.69	0.56	3	74.82
COPG_HUMAN	Coatomer subunit gamma (Gamma-coat protein)	97.7	5.2	210	4	8.7	0.96	4	12.56	0.81	4	30.13	1.16	4	18.81
MMAB_HUMAN	Cob(I)yrinic acid a,c-diamide adenosyltransferase	27.4	9.7	143	4	26.8	1.01	10	24.01	1.01	10	42.63	0.88	10	31.68
HSC20_HUMAN	Co-chaperone protein HscB, mitochondrial precu	27.4	8.9	47	2	8.5	0.84	2	9.47	0.90	2	0.87	0.65	2	1.69
COF1_HUMAN	Cofilin-1 (Cofilin, non-muscle isoform) (18 kDa ph	18.5	9.1	638	11	59.6	1.01	11	17.13	0.96	11	24.16	1.07	11	32.73
C109A_HUMAN	Coiled-coil domain containing protein 109A - Hor	39.8	9.5	52	1	2.8	1.25	2	10.40	1.57	2	19.79	1.40	2	26.81
CC131_HUMAN	Coiled-coil domain-containing protein 131 (Prolin	226.2	9.1	137	3	3.9	1.25	3	38.09	1.45	3	20.25	1.40	3	38.76
CCD72_HUMAN	Coiled-coil domain-containing protein 72 - Homo	7.1	10.5	71	2	25.0	0.76	2	14.18	0.99	2	46.36	0.37	2	100.70
C1QBP_HUMAN	Complement component 1 Q subcomponent-bin	31.3	4.6	159	2	14.5	1.30	5	8.33	1.48	5	13.10	1.76	5	8.53
CPNE1_HUMAN	Copine-1 (Copine I) - Homo sapiens (Human)	59.0	5.4	227	5	12.3	1.03	18	16.42	1.00	18	17.97	1.10	18	24.32
CPNE3_HUMAN	Copine-3 (Copine III) - Homo sapiens (Human)	60.1	5.5	91	2	8.4	0.98	12	19.53	1.03	12	24.07	1.10	12	17.48
HEM6_HUMAN	Coproporphyrinogen III oxidase, mitochondrial p	50.1	9.7	79	2	5.7	1.60	2	48.36	2.21	2	87.77	1.69	2	54.23
H2AY_HUMAN	Core histone macro-H2A.1 (Histone macroH2A1)	39.6	10.3	645	8	31.7	1.06	8	25.88	1.13	8	42.84	1.35	8	59.70

Supplementary Table 1C

COR1B_HUMAN	Coronin-1B (Coronin-2) - Homo sapiens (Human)	54.2	5.5	87	2	11.0	0.98	5	13.70	1.03	5	18.16	1.07	5	17.63
COR1C_HUMAN	Coronin-1C (Coronin-3) (hCRNN4) - Homo sapien	53.2	6.7	140	4	11.4	0.94	8	23.54	0.90	8	21.39	0.75	8	28.37
KCRB_HUMAN	Creatine kinase B-type (EC 2.7.3.2) (Creatine kina	42.6	5.2	437	10	34.1	1.06	10	24.86	1.08	10	46.04	1.16	10	42.86
CYTB_HUMAN	Cystatin-B (Stefin-B) (Liver thiol proteinase inhibi	11.1	7.9	172	4	38.8	1.09	6	13.50	0.96	6	18.22	0.83	6	15.80
CSRP1_HUMAN	Cysteine and glycine-rich protein 1 (Cysteine-rich	20.6	10.0	97	1	16.6	0.84	2	5.81	0.75	2	1.20	0.74	2	11.50
CRIP1_HUMAN	Cysteine-rich protein 1 (Cysteine-rich intestinal p	8.5	10.2	94	1	36.4	1.03	5	10.76	1.12	5	10.76	0.94	5	9.41
CRIP2_HUMAN	Cysteine-rich protein 2 (CRP2) (Protein ESP1) - Ho	22.5	10.1	200	4	35.6	1.08	6	28.28	0.94	6	36.79	0.74	6	30.68
CYB5_HUMAN	Cytochrome b5 - Homo sapiens (Human)	15.3	4.7	106	3	26.9	1.04	5	16.13	1.11	5	9.15	1.10	5	4.74
CYC_HUMAN	Cytochrome c - Homo sapiens (Human)	11.7	10.1	92	2	18.1	1.19	2	11.87	1.11	2	16.05	1.04	2	8.03
COX6C_HUMAN	Cytochrome c oxidase polypeptide VIc precursor	8.8	10.8	182	5	34.7	1.09	7	13.51	1.04	7	29.53	1.23	7	35.45
COX2_HUMAN	Cytochrome c oxidase subunit 2 (EC 1.9.3.1) (Cyt	25.5	4.5	51	1	4.4	0.89	6	8.03	0.96	6	14.31	1.40	6	8.84
COX41_HUMAN	Cytochrome c oxidase subunit 4 isoform 1, mitoc	19.6	10.0	279	5	20.1	1.08	7	14.12	1.17	7	17.18	1.19	7	28.64
COX5A_HUMAN	Cytochrome c oxidase subunit 5A, mitochondrial	16.8	6.4	163	2	26.0	0.86	10	9.85	0.97	10	17.78	0.86	10	15.10
COX5B_HUMAN	Cytochrome c oxidase subunit 5B, mitochondrial	13.7	10.2	180	4	31.0	1.08	5	17.53	0.99	5	23.57	0.94	5	17.25
CX6B1_HUMAN	Cytochrome c oxidase subunit VIb isoform 1 (EC	10.2	7.5	65	2	24.4	0.97	8	14.74	0.97	8	10.72	0.92	8	10.29
CY1_HUMAN	Cytochrome c1 heme protein, mitochondrial pre	35.4	9.8	142	4	10.5	1.15	6	22.72	1.23	6	14.01	1.19	6	18.78
CYFP1_HUMAN	Cytoplasmic FMR1-interacting protein 1 (Specific	145.1	6.5	141	4	6.5	1.04	5	22.05	1.07	5	11.29	1.23	5	12.15
CKAP4_HUMAN	Cytoskeleton-associated protein 4 (63 kDa memb	66.0	5.6	186	4	11.1	1.06	4	8.64	1.16	4	10.85	1.23	4	17.40
AMPL_HUMAN	Cytosol aminopeptidase (EC 3.4.11.1) (Leucine ar	56.1	9.0	274	5	8.7	0.93	7	25.49	1.07	7	22.13	0.97	7	41.41
CNDP2_HUMAN	Cytosolic nonspecific dipeptidase (CNDP dipeptic	52.8	5.6	125	3	11.8	1.25	7	20.65	0.87	7	20.39	0.75	7	38.05
SERA_HUMAN	D-3-phosphoglycerate dehydrogenase (EC 1.1.1.9	56.6	6.3	222	4	10.9	1.38	4	25.91	1.07	4	14.81	1.50	4	26.01
DAZP1_HUMAN	DAZ-associated protein 1 (Deleted in azoosperm	43.4	9.4	185	3	11.8	0.91	5	29.03	0.94	5	22.03	0.84	5	40.27
DIDO1_HUMAN	Death-inducer obliterator 1 (DIO-1) (Death-assoc	243.7	8.9	125	2	4.3	0.92	2	1.18	0.91	2	5.99	0.60	2	15.36
P5CS_HUMAN	Delta 1-pyrroline-5-carboxylate synthetase (P5CS	87.2	6.7	201	5	10.4	0.93	6	24.81	0.97	6	35.21	1.23	6	54.72
ECH1_HUMAN	Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mit	35.8	9.2	181	5	18.0	1.01	10	23.84	0.99	10	30.97	1.13	10	26.47
AL4A1_HUMAN	Delta-1-pyrroline-5-carboxylate dehydrogenase,	61.7	9.1	273	4	16.0	0.93	4	12.10	0.98	4	16.97	1.04	4	17.47
DUT_HUMAN	Deoxyuridine 5'-triphosphate nucleotidohydrola	26.7	10.4	164	3	25.4	1.01	3	9.22	0.99	3	14.72	0.99	3	30.81
DERL1_HUMAN	Derlin-1 (Degradation in endoplasmic reticulum p	28.8	9.9	111	4	17.5	1.08	4	12.70	1.04	4	24.34	1.27	4	27.29
DESP_HUMAN	Desmoplakin (DP) (250/210 kDa paraneoplastic p	331.6	6.4	392	9	6.5	0.96	9	9.03	1.00	9	11.29	0.97	9	17.04
DEST_HUMAN	Destrin (Actin-depolymerizing factor) (ADF) - Hor	18.5	9.2	91	3	18.2	0.98	3	5.16	0.85	3	25.51	0.97	3	14.46
DLDH_HUMAN	Dihydrolipoyl dehydrogenase, mitochondrial pre	54.1	8.6	179	4	12.2	0.89	6	12.47	0.87	6	14.49	1.01	6	11.21
ODP2_HUMAN	Dihydrolipoyllysine-residue acetyltransferase co	65.7	5.7	197	4	9.0	1.01	9	21.52	1.09	9	32.01	1.31	9	24.13
ODO2_HUMAN	Dihydrolipoyllysine-residue succinyltransferase c	48.6	9.8	117	2	11.5	1.06	5	14.56	1.09	5	7.22	1.07	5	6.05
DPYL2_HUMAN	Dihydropyrimidinase-related protein 2 (DRP-2) (C	62.3	5.9	145	3	8.7	0.89	3	14.86	1.09	3	7.64	0.94	3	32.40
DLG1_HUMAN	Disks large homolog 1 (Synapse-associated prote	100.3	5.4	79	2	4.0	0.93	2	6.90	1.13	2	11.80	1.01	2	11.56
RAD50_HUMAN	DNA repair protein RAD50 (EC 3.6.-.-) (hRAD50) -	153.8	6.5	236	7	11.0	1.04	9	13.38	0.96	9	26.31	1.04	9	33.28
MCM6_HUMAN	DNA replication licensing factor MCM6 (p105MC	92.8	5.2	120	3	9.6	1.00	3	18.46	0.84	3	28.87	0.92	3	32.54
MCM7_HUMAN	DNA replication licensing factor MCM7 (CDC47 h	81.3	6.1	107	4	10.8	0.81	5	29.79	0.95	5	31.10	0.83	5	19.71
TOP1_HUMAN	DNA topoisomerase 1 (EC 5.99.1.2) (DNA topoiso	90.7	9.9	270	8	9.3	1.01	8	19.16	1.15	8	31.54	1.31	8	38.49
DBPA_HUMAN	DNA-binding protein A (Cold shock domain-conta	40.1	10.1	233	5	16.9	1.01	6	7.20	1.00	6	26.06	0.86	6	43.03
PRKDC_HUMAN	DNA-dependent protein kinase catalytic subunit	468.8	6.8	655	17	7.3	1.00	17	25.13	0.96	17	19.74	1.16	17	28.78
DNJA1_HUMAN	DnaJ homolog subfamily A member 1 (Heat shoc	44.8	6.7	98	2	6.3	1.08	3	20.12	1.37	3	69.43	1.93	3	82.85
DNJA3_HUMAN	DnaJ homolog subfamily A member 3, mitochon	52.5	10.1	126	2	10.2	1.01	4	3.44	0.99	4	13.69	1.13	4	7.90
DNJB1_HUMAN	DnaJ homolog subfamily B member 1 (Heat shoc	38.0	9.4	157	8	25.6	1.04	8	20.35	1.04	8	26.62	1.04	8	29.39
DJC10_HUMAN	DnaJ homolog subfamily C member 10 precursor	91.0	6.9	75	1	2.4	1.01	2	8.25	0.95	2	13.50	1.04	2	30.30
OST48_HUMAN	Dolichyl-diphosphooligosaccharide--protein glyc	48.8	5.3	143	4	10.3	0.88	6	27.50	0.80	6	32.04	1.13	6	36.54
RIB2_HUMAN	Dolichyl-diphosphooligosaccharide--protein glyc	69.2	5.4	197	3	8.9	1.46	3	59.07	1.23	3	37.43	2.53	3	115.42
RIB1_HUMAN	Dolichyl-diphosphooligosaccharide--protein glyc	68.5	5.9	561	10	24.1	0.96	10	21.20	1.12	10	20.37	1.45	10	23.35
STAU1_HUMAN	Double-stranded RNA-binding protein Staufen h	63.1	10.0	109	2	10.7	1.64	2	4.64	1.00	2	21.76	1.35	2	3.55

Supplementary Table 1C

DSRAD_HUMAN	Double-stranded RNA-specific adenosine deamir	135.9	9.6	186	7	6.0	0.89	7	21.41	0.96	7	29.94	1.10	7	24.13
DYN2_HUMAN	Dynamin-2 (EC 3.6.5.5) - Homo sapiens (Human)	98.0	7.2	232	5	10.6	0.94	9	21.83	1.00	9	24.05	1.13	9	25.12
E2IG5_HUMAN	E2-induced gene 5 protein - Homo sapiens (Hum	17.3	10.6	81	2	18.2	1.04	4	21.02	1.35	4	17.90	1.45	4	20.08
HUWE1_HUMAN	E3 ubiquitin-protein ligase HUWE1 (EC 6.3.2.-) (H	481.6	5.0	187	5	2.7	1.04	5	22.48	0.86	5	21.57	0.90	5	38.74
EMAL4_HUMAN	Echinoderm microtubule-associated protein-like	108.8	5.9	145	5	7.5	1.00	5	17.99	1.13	5	41.98	0.86	5	37.70
EHD1_HUMAN	EH domain-containing protein 1 (Testilin) (hPAST	60.6	6.4	75	2	7.7	0.97	3	10.64	0.99	3	7.21	1.35	3	11.13
ELAV1_HUMAN	ELAV-like protein 1 (Hu-antigen R) (HuR) - Homo	36.1	9.8	218	6	24.2	0.78	6	38.10	0.98	6	48.31	0.84	6	27.05
ETFA_HUMAN	Electron transfer flavoprotein subunit alpha, mit	35.1	9.5	301	6	21.3	0.92	6	15.42	1.30	6	20.31	1.23	6	39.44
ETFB_HUMAN	Electron transfer flavoprotein subunit beta (Beta	27.8	9.2	473	8	38.0	1.21	8	12.72	1.19	8	10.92	1.35	8	14.36
EF1A1_HUMAN	Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elong	50.1	9.7	757	10	23.4	1.00	10	17.14	0.98	10	26.16	1.45	10	48.08
EF1B_HUMAN	Elongation factor 1-beta (EF-1-beta) - Homo sapi	24.7	4.3	133	3	12.9	0.91	3	3.21	0.80	3	12.78	0.63	3	13.70
EF1D_HUMAN	Elongation factor 1-delta (EF-1-delta) (Antigen N	31.1	4.8	228	5	29.2	0.89	5	11.07	0.77	5	30.10	0.60	5	22.79
EF1G_HUMAN	Elongation factor 1-gamma (EF-1-gamma) (eEF-1	50.1	6.3	404	6	24.5	0.98	6	10.28	0.80	6	14.08	0.83	6	20.60
EF2_HUMAN	Elongation factor 2 (EF-2) - Homo sapiens (Huma	95.3	6.4	591	12	15.4	1.01	12	14.98	1.06	12	21.17	1.13	12	30.44
EFG1_HUMAN	Elongation factor G 1, mitochondrial precursor (r	83.4	6.6	83	4	11.2	0.96	4	13.12	0.85	4	11.99	0.88	4	12.09
EFTU_HUMAN	Elongation factor Tu, mitochondrial precursor (E	49.5	7.9	1040	18	41.6	1.01	17	17.22	1.16	16	22.96	1.62	15	19.44
EMD_HUMAN	Emerin - Homo sapiens (Human)	29.0	5.2	148	3	21.3	0.93	6	23.66	1.07	6	26.49	0.78	6	26.54
ERP29_HUMAN	Endoplasmic reticulum protein ERp29 precursor	29.0	7.5	316	6	32.2	1.23	6	41.53	1.00	6	59.38	1.13	6	90.04
ENPL_HUMAN	Endoplasmin precursor (Heat shock protein 90 kI	92.4	4.6	1408	28	30.8	1.15	28	13.18	1.19	27	30.21	1.50	27	41.94
ERH_HUMAN	Enhancer of rudimentary homolog - Homo sapie	12.3	5.6	140	3	30.8	1.00	12	15.57	1.11	12	27.39	1.13	12	10.99
ECHM_HUMAN	Enoyl-CoA hydratase, mitochondrial precursor (E	31.4	9.4	265	2	22.1	1.17	14	19.20	1.25	14	16.40	1.62	14	19.23
ES8L1_HUMAN	Epidermal growth factor receptor kinase substra	80.3	5.7	122	4	7.2	1.09	4	19.29	0.93	4	27.73	1.07	4	24.58
ES8L2_HUMAN	Epidermal growth factor receptor kinase substra	80.6	6.4	88	3	7.7	1.15	3	4.59	0.79	3	34.06	0.83	3	5.43
EPIPL_HUMAN	Epiplakin (450 kDa epidermal antigen) - Homo sa	552.8	5.3	556	13	6.0	1.01	13	18.72	1.03	13	24.56	1.07	13	22.82
HYEP_HUMAN	Epoxide hydrolase 1 (EC 3.3.2.9) (Microsomal epo	52.9	6.9	63	2	7.5	0.98	2	14.03	0.74	2	12.85	0.97	2	14.46
LMAN1_HUMAN	ERGIC-53 protein precursor (ER-Golgi intermedia	57.5	6.3	183	4	13.3	1.04	4	20.57	1.06	4	9.67	1.76	4	25.44
ES1_HUMAN	ES1 protein homolog, mitochondrial precursor (P	28.2	9.5	85	2	17.5	1.35	2	22.75	1.16	2	21.27	0.83	2	39.08
CK054_HUMAN	Ester hydrolase C11orf54 (EC 3.1.-.-) - Homo sapi	35.1	6.3	111	1	13.7	1.21	3	5.36	1.37	3	2.74	1.19	3	10.06
DHB8_HUMAN	Estradiol 17-beta-dehydrogenase 8 (EC 1.1.1.62)	27.0	6.1	72	3	19.2	1.09	3	10.12	1.15	3	2.97	1.16	3	6.72
ETHE1_HUMAN	ETHE1 protein, mitochondrial precursor (EC 3.-.-	27.9	6.4	168	3	14.2	1.13	8	15.44	1.11	8	22.34	1.27	8	29.75
IF4A1_HUMAN	Eukaryotic initiation factor 4A-I (EC 3.6.1.-) (ATP-	46.1	5.2	308	5	20.0	1.08	5	12.35	0.90	5	29.19	1.19	5	31.51
IF4A2_HUMAN	Eukaryotic initiation factor 4A-II (EC 3.6.1.-) (ATP	46.4	5.2	243	4	17.0	0.98	7	20.58	1.01	7	18.46	1.16	7	23.25
IF4A3_HUMAN	Eukaryotic initiation factor 4A-III (EC 3.6.1.-) (Euk	46.8	6.3	286	6	20.0	1.06	8	14.03	1.15	8	14.53	1.19	8	33.17
IF1AY_HUMAN	Eukaryotic translation initiation factor 1A, Y-chro	16.4	4.9	77	2	13.9	0.81	2	27.52	0.93	2	10.74	1.35	2	21.39
IF2B_HUMAN	Eukaryotic translation initiation factor 2 subunit	38.4	5.5	67	2	5.1	0.96	3	26.72	1.25	3	6.59	1.04	3	35.67
IF2G_HUMAN	Eukaryotic translation initiation factor 2 subunit	51.1	9.5	73	2	4.4	0.96	2	4.14	0.88	2	7.44	1.04	2	10.07
EIF2A_HUMAN	Eukaryotic translation initiation factor 2A (eIF-2A	64.9	9.6	44	2	2.9	0.76	2	7.25	0.84	2	7.61	0.90	2	7.47
IF39_HUMAN	Eukaryotic translation initiation factor 3 subunit	92.4	4.7	83	2	5.8	1.23	3	21.90	1.28	3	31.91	1.35	3	47.98
IF4B_HUMAN	Eukaryotic translation initiation factor 4B (eIF-4B	69.2	5.3	89	2	8.3	0.86	2	5.91	0.68	2	15.34	0.42	2	1.24
IF4E_HUMAN	Eukaryotic translation initiation factor 4E (eIF4E)	25.1	5.8	186	3	17.5	1.00	3	8.47	1.01	3	8.30	1.07	3	10.06
IF4H_HUMAN	Eukaryotic translation initiation factor 4H (eIF-4H	27.4	7.5	125	4	29.0	0.98	4	13.55	0.96	4	23.21	0.79	4	26.98
IF5A2_HUMAN	Eukaryotic translation initiation factor 5A-2 (eIF-5	16.8	5.3	155	2	19.6	1.19	4	6.69	0.96	4	8.36	1.13	4	18.99
IF2P_HUMAN	Eukaryotic translation initiation factor 5B (eIF-5B	138.7	5.2	158	2	5.0	0.91	2	15.31	0.99	2	8.66	1.10	2	16.83
EZRI_HUMAN	Ezrin (p81) (Cytovillin) (Villin-2) - Homo sapiens (	69.4	5.9	639	16	27.0	0.97	16	15.35	0.91	16	26.30	1.01	16	32.61
SSRP1_HUMAN	FACT complex subunit SSRP1 (Facilitates chroma	81.0	6.5	111	4	8.0	0.93	4	33.99	0.74	4	32.52	0.97	4	21.52
CAPZB_HUMAN	F-actin capping protein subunit beta (CapZ beta)	31.3	5.2	167	3	22.4	0.98	6	11.89	1.01	6	9.24	0.94	6	15.43
FUBP1_HUMAN	Far upstream element-binding protein 1 (FUSE-b	67.5	7.8	201	7	13.7	1.00	12	13.19	0.96	12	11.61	0.90	12	18.46
FUBP2_HUMAN	Far upstream element-binding protein 2 (FUSE-b	72.7	8.8	227	5	16.8	1.00	7	25.10	0.85	7	22.97	0.69	7	20.80
FUBP3_HUMAN	Far upstream element-binding protein 3 (FUSE-b	61.6	9.4	170	4	15.2	0.97	7	11.76	1.01	7	16.50	1.13	7	13.66

Supplementary Table 1C

FAS_HUMAN	Fatty acid synthase (EC 2.3.1.85) [Includes: [Acyl-	273.2	6.0	723	14	12.3	1.01	14	20.23	1.07	14	25.67	1.10	14	32.01
FLNA_HUMAN	Filamin-A (Alpha-filamin) (Filamin-1) (Endothelia	280.6	5.7	348	8	6.9	0.87	8	5.39	0.86	8	9.53	0.75	8	24.00
FLNB_HUMAN	Filamin-B (FLN-B) (Beta-filamin) (Actin-binding-li	278.0	5.4	700	16	10.6	0.87	16	23.20	0.96	16	16.70	0.86	16	29.96
FKB1A_HUMAN	FK506-binding protein 1A (EC 5.2.1.8) (Peptidyl-p	11.9	9.1	155	2	25.0	1.03	6	4.97	0.95	6	15.85	1.01	6	8.77
FKBP2_HUMAN	FK506-binding protein 2 precursor (EC 5.2.1.8) (P	15.6	10.1	178	4	29.6	1.01	8	18.00	1.00	8	14.72	0.88	8	12.58
FKBP3_HUMAN	FK506-binding protein 3 (EC 5.2.1.8) (Peptidyl-pr	25.2	9.8	74	2	10.3	1.04	5	13.72	1.09	5	16.97	0.94	5	6.82
FKBP4_HUMAN	FK506-binding protein 4 (EC 5.2.1.8) (Peptidyl-pr	51.8	5.2	67	2	7.4	1.00	3	24.79	0.98	3	20.75	0.79	3	31.52
FEN1_HUMAN	Flap endonuclease 1 (EC 3.1.-.-) (Flap structure-s	42.6	9.5	92	3	6.3	1.06	4	13.09	1.04	4	8.43	1.01	4	25.57
ALDOA_HUMAN	Fructose-bisphosphate aldolase A (EC 4.1.2.13) (	39.4	9.2	1169	15	40.1	1.17	15	15.49	1.12	14	23.58	1.01	15	28.40
							1.17	*44*	*22.09*	1.16	*43*	*25.47*	1.16	*42*	*27.88*
ALDOC_HUMAN	Fructose-bisphosphate aldolase C (EC 4.1.2.13) (	39.4	6.5	146	2	13.2	1.13	6	36.60	1.30	6	24.76	1.16	6	20.45
FUSIP_HUMAN	FUS-interacting serine-arginine-rich protein 1 (TL	31.3	11.8	111	3	14.1	0.98	8	8.74	1.00	8	18.36	1.10	8	10.48
LEG3_HUMAN	Galectin-3 (Galactose-specific lectin 3) (Mac-2 an	26.2	9.1	204	4	22.4	1.03	10	6.10	1.06	10	10.56	1.13	10	20.11
LG3BP_HUMAN	Galectin-3-binding protein precursor (Lectin gala	65.3	5.0	112	2	5.1	1.08	6	14.51	1.04	6	17.16	1.35	6	15.41
LEG4_HUMAN	Galectin-4 (Lactose-binding lectin 4) (L-36 lactose	35.9	9.7	318	5	19.5	1.17	5	19.85	1.15	5	40.88	1.93	5	32.04
SYUG_HUMAN	Gamma-synuclein (Persyn) (Breast cancer-specif	13.3	4.7	125	2	17.3	1.01	7	10.85	1.12	7	17.14	0.81	7	20.73
GMDS_HUMAN	GDP-mannose 4,6 dehydratase (EC 4.2.1.47) (GD	41.9	7.1	107	2	6.7	0.97	3	6.65	1.05	3	11.78	1.27	3	3.27
GELS_HUMAN	Gelsolin precursor (Actin-depolymerizing factor)	85.6	5.9	132	4	8.7	1.32	4	30.81	1.32	4	12.79	1.40	4	34.69
TF3C1_HUMAN	General transcription factor 3C polypeptide 1 (Tr	238.1	7.2	122	5	3.8	1.13	6	23.02	1.11	6	19.23	1.13	6	21.97
GTF2I_HUMAN	General transcription factor II-I (GTFII-I) (TFII-I) (E	112.3	6.0	213	5	8.1	0.94	5	21.91	0.95	5	21.23	1.10	5	22.56
GFPT1_HUMAN	Glucosamine--fructose-6-phosphate aminotrans	78.8	6.7	232	5	10.6	1.21	5	19.97	1.12	5	14.46	1.13	5	16.47
G6PD_HUMAN	Glucose-6-phosphate 1-dehydrogenase (EC 1.1.1	59.2	6.4	432	8	21.6	1.03	8	5.54	0.98	8	13.71	1.19	8	25.19
G6PI_HUMAN	Glucose-6-phosphate isomerase (EC 5.3.1.9) (GPI	63.1	9.1	311	5	9.1	1.13	6	10.51	1.33	6	21.61	1.50	6	15.80
GLU2B_HUMAN	Glucosidase 2 subunit beta precursor (Glucosidas	59.4	4.2	342	8	14.6	1.00	8	8.60	0.99	8	20.29	1.01	8	25.86
DHE3_HUMAN	Glutamate dehydrogenase 1, mitochondrial prec	61.4	8.5	285	5	17.0	1.08	5	9.37	1.08	5	17.18	1.45	5	18.53
SYQ_HUMAN	Glutaminyl-tRNA synthetase (EC 6.1.1.18) (Glutar	87.7	6.8	181	4	8.6	1.23	5	18.86	1.05	5	37.11	1.19	5	27.30
GSTK1_HUMAN	Glutathione S-transferase kappa 1 (EC 2.5.1.18) (	25.5	9.3	160	4	17.7	1.21	4	21.66	1.37	4	26.76	1.62	4	50.79
GSTP1_HUMAN	Glutathione S-transferase P (EC 2.5.1.18) (GST cla	23.3	5.3	480	7	40.0	1.06	7	18.27	1.13	7	25.76	1.35	7	40.69
GSTO1_HUMAN	Glutathione transferase omega-1 (EC 2.5.1.18) (G	27.5	6.3	170	2	18.3	0.97	10	17.54	0.96	10	15.39	0.97	10	17.21
G3P_HUMAN	Glyceraldehyde-3-phosphate dehydrogenase (EC	36.0	9.3	925	12	32.8	1.13	12	15.75	1.30	11	31.09	1.35	11	52.49
GPDM_HUMAN	Glycerol-3-phosphate dehydrogenase, mitochon	80.8	7.8	134	4	9.8	1.11	5	22.67	1.09	5	26.71	1.16	5	35.43
PYGB_HUMAN	Glycogen phosphorylase, brain form (EC 2.4.1.1)	96.6	6.4	410	8	14.7	1.00	8	12.31	1.19	8	10.21	1.40	8	17.21
NMT1_HUMAN	Glycylpeptide N-tetradecanoyltransferase 1 (EC 2	56.8	8.5	56	2	4.6	0.89	2	1.53	0.91	2	15.92	1.16	2	18.65
GUAA_HUMAN	GMP synthase [glutamine-hydrolyzing] (EC 6.3.5.	76.7	6.4	98	2	6.8	1.03	4	6.28	0.93	4	12.55	1.07	4	23.56
GSLG1_HUMAN	Golgi apparatus protein 1 precursor (Golgi sialog	134.5	6.6	127	2	4.7	0.96	2	7.77	0.99	2	17.74	0.99	2	9.04
GP73_HUMAN	Golgi phosphoprotein 2 (Golgi membrane protei	45.3	4.8	72	1	7.5	0.98	4	23.02	1.16	4	7.48	1.10	4	9.28
GRB10_HUMAN	Growth factor receptor-bound protein 10 (GRB1	67.2	9.1	40	1	3.0	0.93	7	12.62	0.94	7	11.64	0.94	7	6.88
GRPE1_HUMAN	GrpE protein homolog 1, mitochondrial precurso	24.3	9.2	56	2	12.0	0.96	2	22.66	0.92	2	10.30	0.94	2	22.13
RAN_HUMAN	GTP-binding nuclear protein Ran (GTPase Ran) (R	24.4	7.8	214	5	20.4	1.06	11	12.52	1.01	11	14.90	1.16	11	31.80
GNA13_HUMAN	Guanine nucleotide-binding protein alpha-13 sub	44.0	9.1	99	4	8.2	1.04	4	24.84	1.00	4	43.41	0.97	4	54.01
GNAI1_HUMAN	Guanine nucleotide-binding protein G(i), alpha-1	40.3	5.6	53	2	10.5	1.03	2	3.35	0.88	2	18.47	1.07	2	11.78
GBB1_HUMAN	Guanine nucleotide-binding protein G(I)/G(S)/G(	37.4	5.6	174	3	11.8	1.06	7	8.21	1.30	7	13.36	1.35	7	11.91
GBB2_HUMAN	Guanine nucleotide-binding protein G(I)/G(S)/G(	37.3	5.6	204	5	17.6	1.09	5	11.97	1.25	5	18.00	1.31	5	15.15
GNAS1_HUMAN	Guanine nucleotide-binding protein G(s) subunit	111.0	4.8	192	4	6.5	0.93	4	19.40	1.33	4	50.99	1.35	4	42.51
NOLA2_HUMAN	H/ACA ribonucleoprotein complex subunit 2 (Nu	17.2	9.4	74	1	19.0	1.00	3	12.27	0.89	3	49.13	0.75	3	18.67
DKC1_HUMAN	H/ACA ribonucleoprotein complex subunit 4 (EC	57.6	10.1	89	3	9.3	0.92	5	10.78	0.87	5	26.48	1.13	5	10.64
HEAT1_HUMAN	HEAT repeat-containing protein 1 (Protein BAP28	242.2	6.1	107	3	2.1	0.92	3	12.04	0.74	3	21.25	0.86	3	23.96
HSP71_HUMAN	Heat shock 70 kDa protein 1 (HSP70.1) (HSP70-1/	70.0	5.4	1442	21	38.4	0.98	20	10.30	0.99	20	21.53	1.13	19	28.74
HSP74_HUMAN	Heat shock 70 kDa protein 4 (Heat shock 70-relat	94.2	5.0	238	5	13.9	1.23	8	13.67	1.01	8	26.47	1.13	8	16.20

Supplementary Table 1C

HSP7C_HUMAN	Heat shock cognate 71 kDa protein (Heat shock 7	70.9	5.2	1587	25	47.1	0.93	24	12.45	0.84	23	29.45	1.01	23	42.73
TRAP1_HUMAN	Heat shock protein 75 kDa, mitochondrial precur	80.1	9.0	480	9	22.0	0.96	18	16.48	1.05	18	27.01	1.13	18	19.38
HS90A_HUMAN	Heat shock protein HSP 90-alpha (HSP 86) (Renal	84.6	4.8	1385	22	25.1	1.09	22	12.80	1.11	22	25.00	1.50	22	37.11
HS90B_HUMAN	Heat shock protein HSP 90-beta (HSP 84) (HSP 90	83.2	4.8	1425	26	30.4	1.06	25	19.57	1.06	25	22.33	1.45	24	31.46
HS105_HUMAN	Heat-shock protein 105 kDa (Heat shock 110 kDa	96.8	5.1	204	3	4.9	0.86	4	23.18	0.91	4	16.26	0.90	4	32.57
HSPB1_HUMAN	Heat-shock protein beta-1 (HspB1) (Heat shock 2	22.8	6.0	257	5	40.0	0.91	5	9.81	0.80	5	38.71	0.94	5	36.05
HEBP2_HUMAN	Heme-binding protein 2 (Protein SOUL) (Placenta	22.9	4.4	90	2	13.7	1.09	5	4.09	0.89	5	16.45	0.97	5	18.08
HBA_HUMAN	Hemoglobin subunit alpha (Hemoglobin alpha ch	15.2	9.4	189	2	28.2	0.87	5	13.98	0.35	5	44.96	0.23	5	63.68
HBG2_HUMAN	Hemoglobin subunit gamma-2 (Hemoglobin gam	16.1	6.8	81	1	10.9	0.72	2	5.30	0.20	2	33.77	0.24	2	99.70
HDGF_HUMAN	Hepatoma-derived growth factor (HDGF) (High-n	26.8	4.6	144	3	12.9	0.97	4	12.00	0.96	4	12.53	0.65	4	10.22
ROAA_HUMAN	Heterogeneous nuclear ribonucleoprotein A/B (H	36.6	9.5	366	5	22.4	0.92	17	20.43	1.08	17	36.93	0.86	17	32.51
ROA0_HUMAN	Heterogeneous nuclear ribonucleoprotein A0 (hn	30.8	9.8	259	5	22.0	1.09	11	22.00	0.99	11	31.93	1.07	11	42.18
ROA1_HUMAN	Heterogeneous nuclear ribonucleoprotein A1 (He	38.8	9.7	846	20	39.0	1.11	18	20.11	1.11	19	24.38	1.35	18	31.29
ROA3_HUMAN	Heterogeneous nuclear ribonucleoprotein A3 (hn	39.6	9.6	500	8	21.4	0.85	8	20.58	0.96	8	31.87	0.86	8	65.69
HNRPD_HUMAN	Heterogeneous nuclear ribonucleoprotein D0 (hn	38.4	8.5	398	8	23.1	0.93	8	12.50	1.23	8	35.47	1.01	8	48.07
HNRPF_HUMAN	Heterogeneous nuclear ribonucleoprotein F (hnR	45.6	5.3	492	9	19.5	1.04	9	11.11	1.16	9	20.86	1.50	9	30.07
HNRPG_HUMAN	Heterogeneous nuclear ribonucleoprotein G (hnR	42.3	0.0	239	5	23.8	1.09	5	28.12	1.27	5	24.92	1.19	5	18.57
HNRH1_HUMAN	Heterogeneous nuclear ribonucleoprotein H (hnR	49.2	5.9	615	9	26.9	1.09	9	10.69	1.12	9	16.07	1.31	9	32.41
HNRH2_HUMAN	Heterogeneous nuclear ribonucleoprotein H' (hn	49.2	5.9	474	9	24.9	1.03	9	16.85	1.01	9	28.41	1.27	9	31.07
HNRH3_HUMAN	Heterogeneous nuclear ribonucleoprotein H3 (hn	36.9	6.4	269	6	23.7	1.09	7	8.10	1.13	7	10.05	1.19	7	13.25
HNRPK_HUMAN	Heterogeneous nuclear ribonucleoprotein K (hnR	50.9	5.3	637	9	30.9	1.04	12	14.17	1.17	12	17.79	1.07	12	26.72
HNRPL_HUMAN	Heterogeneous nuclear ribonucleoprotein L (hnR	60.1	6.7	379	6	13.3	0.97	6	16.72	1.19	6	14.07	1.35	6	15.96
HNRPM_HUMAN	Heterogeneous nuclear ribonucleoprotein M (hn	77.5	9.6	816	24	32.7	1.06	21	15.91	1.06	21	22.02	1.19	21	31.86
HNRPQ_HUMAN	Heterogeneous nuclear ribonucleoprotein Q (hn	69.6	9.1	365	7	17.3	1.13	7	20.82	1.30	7	27.12	1.40	7	31.35
HNRPR_HUMAN	Heterogeneous nuclear ribonucleoprotein R (hnR	70.9	8.8	457	8	19.0	1.19	8	16.00	1.22	8	25.23	1.50	8	26.83
HNRPU_HUMAN	Heterogeneous nuclear ribonucleoprotein U (hnR	90.5	5.7	899	19	23.1	1.06	19	26.10	1.25	18	29.51	1.40	17	50.87
HNRL1_HUMAN	Heterogeneous nuclear ribonucleoprotein U-like	95.7	6.5	298	6	8.2	1.08	11	15.36	1.13	11	25.20	1.16	11	26.57
HNRL2_HUMAN	Heterogeneous nuclear ribonucleoprotein U-like	85.1	4.7	413	9	12.3	0.89	9	8.92	1.09	9	17.49	1.23	9	19.23
ROA2_HUMAN	Heterogeneous nuclear ribonucleoproteins A2/B	37.4	9.3	1666	21	46.7	0.98	21	25.59	1.09	21	34.87	1.23	21	46.17
HNRPC_HUMAN	Heterogeneous nuclear ribonucleoproteins C1/C	33.6	4.8	393	7	20.6	1.01	7	10.74	1.09	7	29.94	1.13	7	31.32
HXK1_HUMAN	Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK	102.4	6.4	120	2	3.7	0.96	2	6.65	0.74	2	0.98	0.69	2	10.23
HMGB1_HUMAN	High mobility group protein B1 (High mobility gro	24.9	5.5	654	10	32.6	0.92	10	13.65	0.84	10	26.21	0.65	10	37.37
HMGB2_HUMAN	High mobility group protein B2 (High mobility gro	24.0	8.7	354	4	29.2	0.86	4	11.01	0.71	4	48.26	0.35	4	105.22
HMGA1_HUMAN	High mobility group protein HMG-I/HMG-Y (HMG	11.7	10.8	229	4	33.6	0.96	7	21.85	0.99	7	69.24	0.56	7	133.98
PDE8A_HUMAN	High-affinity cAMP-specific and IBMX-insensitive	93.2	5.7	84	1	4.5	1.13	6	30.12	1.28	6	25.46	1.10	6	21.33
HINT1_HUMAN	Histidine triad nucleotide-binding protein 1 (Ade	13.8	6.5	93	3	22.2	1.03	3	6.69	0.94	3	38.16	0.75	3	58.51
HINT2_HUMAN	Histidine triad nucleotide-binding protein 2 (EC 3	17.2	9.8	198	2	40.5	0.76	3	19.00	0.81	3	20.72	0.59	3	28.82
HDAC1_HUMAN	Histone deacetylase 1 (HD1) - Homo sapiens (Hu	55.1	5.2	80	2	7.5	1.09	2	17.94	1.12	2	26.20	1.31	2	5.74
H10_HUMAN	Histone H1.0 (Histone H1(0)) (Histone H1') - Hom	20.9	11.3	169	4	16.0	0.80	4	9.98	0.72	4	45.33	0.50	4	53.93
H12_HUMAN	Histone H1.2 (Histone H1d) - Homo sapiens (Hun	21.4	11.4	612	6	30.5	0.83	6	24.71	1.00	6	61.67	0.94	6	72.62
H15_HUMAN	Histone H1.5 (Histone H1a) - Homo sapiens (Hum	22.6	11.4	480	5	22.6	0.96	5	14.05	1.16	5	41.25	1.27	5	47.10
H1X_HUMAN	Histone H1x - Homo sapiens (Human)	22.5	11.2	306	5	40.8	0.89	11	17.12	0.97	11	15.92	0.92	11	15.32
H2A1D_HUMAN	Histone H2A type 1-D (H2A.3) - Homo sapiens (H	14.1	11.4	399	3	45.4	0.96	7	10.63	0.81	7	10.01	0.90	7	7.59
H2A2B_HUMAN	Histone H2A type 2-B - Homo sapiens (Human)	14.0	11.3	131	2	16.9	0.82	3	1.70	0.80	3	2.10	0.75	3	15.98
H2AV_HUMAN	Histone H2AV (H2A.F/Z) - Homo sapiens (Human	13.5	11.0	290	4	31.2	0.88	13	15.66	0.85	13	16.67	0.97	13	26.03
H2B1L_HUMAN	Histone H2B type 1-L (H2B.c) (H2B/c) - Homo sap	13.9	10.8	455	5	59.5	0.93	5	12.78	0.85	5	17.28	1.13	5	32.56
H2B1O_HUMAN	Histone H2B type 1-O (H2B.n) (H2B/n) (H2B.2) - H	13.9	10.8	441	6	54.0	0.87	6	16.61	0.81	6	21.90	0.97	6	31.53
H32_HUMAN	Histone H3.2 (H3/m) (H3/o) - Homo sapiens (Hun	15.4	11.9	408	7	36.0	1.01	7	15.88	1.16	7	24.91	1.62	7	45.99
H4_HUMAN	Histone H4 - Homo sapiens (Human)	11.4	11.8	1109	15	65.0	0.98	15	32.11	0.99	15	46.54	1.84	13	55.46

Supplementary Table 1C

RBBP4_HUMAN	Histone-binding protein RBBP4 (Retinoblastoma-	47.6	4.6	59	2	8.2	0.83	2	11.42	1.33	2	28.40	1.10	2	13.35
RBBP7_HUMAN	Histone-binding protein RBBP7 (Retinoblastoma-	47.8	4.8	74	3	8.7	0.89	3	14.84	1.12	3	11.17	0.94	3	18.88
HTSF1_HUMAN	HIV Tat-specific factor 1 (Tat-SF1) - Homo sapien	85.8	4.1	48	1	2.8	0.98	2	26.46	1.00	2	27.37	0.83	2	20.24
1A24_HUMAN	HLA class I histocompatibility antigen, A-24 alpha	40.7	5.9	160	4	16.2	0.98	9	9.69	0.96	9	15.86	1.04	9	26.58
1C04_HUMAN	HLA class I histocompatibility antigen, Cw-4 alph	41.0	6.0	195	7	23.2	1.00	12	15.48	0.96	12	21.56	1.10	12	28.53
HCFC1_HUMAN	Host cell factor (HCF) (HCF-1) (C1 factor) (VP16 a	208.7	8.4	196	4	3.3	1.06	4	10.21	1.07	4	22.54	0.94	4	25.46
TIM50_HUMAN	Import inner membrane translocase subunit TIM	39.6	9.3	104	2	18.1	1.08	3	29.41	0.76	3	19.88	0.72	3	24.19
IPO7_HUMAN	Importin-7 (Imp7) (Ran-binding protein 7) (RanB	119.4	4.6	46	1	2.1	1.04	2	17.42	0.85	2	4.37	0.78	2	8.85
IPYR_HUMAN	Inorganic pyrophosphatase (EC 3.6.1.1) (Pyropho	32.6	5.5	160	4	23.9	1.11	8	20.65	0.99	8	10.90	0.92	8	12.07
IPYR2_HUMAN	Inorganic pyrophosphatase 2, mitochondrial pre	37.9	7.8	198	3	10.8	1.13	3	6.07	1.27	3	19.22	1.62	3	28.20
IMDH2_HUMAN	Inosine-5'-monophosphate dehydrogenase 2 (EC	55.8	6.5	132	3	12.1	1.08	4	9.01	0.94	4	11.78	0.90	4	23.53
ITA1_HUMAN	Integrin alpha-1 precursor (Laminin and collagen	130.8	5.9	96	2	3.1	1.81	2	40.35	2.16	2	53.89	2.53	2	74.47
ITB4_HUMAN	Integrin beta-4 precursor (GP150) (CD104 antige	202.0	5.7	235	5	5.3	1.03	4	11.56	1.17	4	11.41	1.13	4	4.49
ILF3_HUMAN	Interleukin enhancer-binding factor 3 (Nuclear fa	95.3	9.3	387	8	15.5	0.91	8	15.26	1.08	8	21.51	1.23	8	27.62
IDH3A_HUMAN	Isocitrate dehydrogenase [NAD] subunit alpha, n	39.6	6.5	130	3	14.2	1.32	4	30.78	1.41	4	10.53	1.56	4	30.55
IDHC_HUMAN	Isocitrate dehydrogenase [NADP] cytoplasmic (E	46.6	6.6	275	4	14.3	1.13	4	10.14	1.23	4	22.87	1.35	4	35.38
IDHP_HUMAN	Isocitrate dehydrogenase [NADP], mitochondrial	50.9	9.6	481	6	22.6	1.19	6	10.32	1.32	6	10.46	1.76	6	28.83
SYIC_HUMAN	Isoleucyl-tRNA synthetase, cytoplasmic (EC 6.1.1	144.9	5.8	177	4	5.8	0.83	6	20.79	0.81	6	33.13	1.01	6	22.92
SYIM_HUMAN	Isoleucyl-tRNA synthetase, mitochondrial precur	113.7	6.9	175	4	7.2	1.23	9	19.06	1.33	9	35.55	1.27	9	63.42
IVD_HUMAN	Isovaleryl-CoA dehydrogenase, mitochondrial pr	46.3	9.3	163	3	13.9	1.06	3	9.17	1.25	3	19.44	1.62	3	28.89
JAD1C_HUMAN	Jumonji/ARID domain-containing protein 1C (Pro	175.6	5.3	181	7	7.3	1.23	6	25.83	1.28	6	27.09	1.16	6	16.23
PLAK_HUMAN	Junction plakoglobin (Desmoplakin-3) (Desmopla	81.6	5.9	310	6	10.9	0.77	10	26.69	0.83	10	40.10	0.74	10	37.52
JAM1_HUMAN	Junctional adhesion molecule A precursor (JAM-	32.6	9.1	78	2	13.7	0.86	2	6.66	0.93	2	4.63	0.62	2	9.02
KLD7A_HUMAN	Kelch domain-containing protein 7A precursor -	101.0	10.1	87	3	7.4	0.97	3	13.57	0.86	3	9.01	0.99	3	9.79
K1C10_HUMAN	Keratin, type I cytoskeletal 10 (Cytokeratin-10) (C	59.5	5.0	230	4	11.8	1.03	4	21.14	0.70	4	46.27	0.84	4	51.57
K1C18_HUMAN	Keratin, type I cytoskeletal 18 (Cytokeratin-18) (C	48.0	5.2	1557	24	41.2	1.01	23	14.60	1.01	24	24.04	1.23	24	39.90
K1C19_HUMAN	Keratin, type I cytoskeletal 19 (Cytokeratin-19) (C	44.1	4.9	1319	24	48.8	1.11	24	14.53	1.13	23	20.92	1.16	23	33.06
K1C20_HUMAN	Keratin, type I cytoskeletal 20 (Cytokeratin-20) (C	48.5	5.4	676	12	34.9	1.17	12	13.88	1.16	12	25.42	1.23	12	25.08
K2C1B_HUMAN	Keratin, type II cytoskeletal 1b (Keratin-77) - Hon	61.7	5.5	136	1	5.4	1.08	14	9.84	1.71	14	9.50	2.70	14	8.36
K2C8_HUMAN	Keratin, type II cytoskeletal 8 (Cytokeratin-8) (CK	53.7	5.4	2473	44	59.8	1.00	42	20.89	1.00	42	37.30	1.23	40	44.92
SAM68_HUMAN	KH domain-containing, RNA-binding, signal trans	48.2	9.2	216	7	26.0	0.98	8	21.25	1.07	8	22.58	0.99	8	33.58
KINH_HUMAN	Kinesin heavy chain (Ubiquitous kinesin heavy ch	109.6	6.1	134	5	7.6	0.91	5	19.21	0.89	5	17.61	0.94	5	31.52
KIF14_HUMAN	Kinesin-like protein KIF14 - Homo sapiens (Huma	186.4	8.8	101	2	3.8	0.71	2	10.65	0.73	2	13.76	0.69	2	8.86
SPIT2_HUMAN	Kunitz-type protease inhibitor 2 precursor (Hepa	28.2	9.9	133	4	21.8	0.86	4	18.80	1.15	4	16.41	1.10	4	7.71
LGUL_HUMAN	Lactoylglutathione lyase (EC 4.4.1.5) (Methylglyo	20.8	5.0	228	4	22.8	0.93	6	15.36	1.03	6	11.12	0.83	6	12.67
LMNA_HUMAN	Lamin-A/C (70 kDa lamin) (Renal carcinoma antig	74.1	6.6	1667	31	45.0	1.03	31	22.34	1.19	30	29.34	1.31	29	32.63
LAP2B_HUMAN	Lamina-associated polypeptide 2, isoforms beta/	50.6	9.8	433	10	32.2	1.00	10	22.11	1.12	10	33.90	0.90	10	33.46
LMNB1_HUMAN	Lamin-B1 - Homo sapiens (Human)	66.4	5.0	649	13	28.3	1.04	13	15.37	1.16	13	19.58	1.16	13	27.69
LMNB2_HUMAN	Lamin-B2 - Homo sapiens (Human)	67.6	5.2	343	8	17.3	1.08	8	10.10	1.17	8	15.78	1.19	8	24.49
LRC34_HUMAN	Leucine-rich repeat-containing protein 34 - Hom	46.4	6.1	75	1	7.4	0.97	2	9.89	1.06	2	1.31	1.27	2	4.05
LRC47_HUMAN	Leucine-rich repeat-containing protein 47 - Hom	63.4	9.5	237	4	18.4	0.78	5	26.13	0.72	5	22.26	0.64	5	28.96
LRC59_HUMAN	Leucine-rich repeat-containing protein 59 - Hom	34.9	10.4	197	3	15.3	1.04	11	15.18	1.05	11	16.27	1.23	11	20.24
LASP1_HUMAN	LIM and SH3 domain protein 1 (LASP-1) (MLN 50	29.7	6.7	264	5	33.3	1.09	13	13.22	1.27	13	14.48	1.07	13	30.38
LIMA1_HUMAN	LIM domain and actin-binding protein 1 (Epitheli	85.2	6.4	325	6	14.8	0.79	6	26.44	1.01	6	33.23	0.76	6	38.43
LSR_HUMAN	Lipolysis-stimulated lipoprotein receptor - Homo	71.4	9.3	182	3	9.1	1.06	4	9.15	0.96	4	7.57	0.97	4	26.50
LDHA_HUMAN	L-lactate dehydrogenase A chain (EC 1.1.1.27) (LI	36.7	9.3	372	7	28.9	0.93	7	13.64	1.00	7	15.89	1.19	7	26.50
					8	*20.2*	1.09	*17*	*21.18*	1.30	*16*	*19.16*	1.31	*17*	*27.13*
LDHB_HUMAN	L-lactate dehydrogenase B chain (EC 1.1.1.27) (LI	36.6	5.7	309	7	22.8	1.06	7	11.62	1.07	7	14.99	1.16	7	25.48
					6	*15.6*	1.04	*10*	*10.28*	1.06	*11*	*13.14*	1.19	*10*	*15.02*

Supplementary Table 1C

LONF2_HUMAN	LON peptidase N-terminal domain and RING fing	83.6	5.6	79	2	7.0	0.84	6	14.50	0.88	6	12.51	0.94	6	14.77
LONM_HUMAN	Lon protease homolog, mitochondrial precursor	106.4	6.0	131	4	8.0	0.97	10	29.43	0.92	10	19.59	0.90	10	25.50
ACSL5_HUMAN	Long-chain-fatty-acid--CoA ligase 5 (EC 6.2.1.3) (L	75.9	6.5	119	3	10.8	0.86	4	6.10	0.95	4	13.36	0.90	4	17.81
LA_HUMAN	Lupus La protein (Sjoegren syndrome type B anti	46.8	6.8	191	3	12.3	1.13	7	9.59	1.09	7	23.40	0.97	7	32.09
PPGB_HUMAN	Lysosomal protective protein precursor (EC 3.4.1	54.4	6.2	46	2	4.0	1.01	3	13.94	1.16	3	7.86	1.01	3	32.39
SCRB2_HUMAN	Lysosome membrane protein 2 (Lysosome memb	54.3	4.9	62	2	3.3	1.13	7	14.20	1.01	7	35.19	1.19	7	37.03
LYSC_HUMAN	Lysozyme C precursor (EC 3.2.1.17) (1,4-beta-N-a	16.5	10.6	221	6	50.7	0.92	6	9.47	0.89	6	16.46	0.92	6	26.29
MIF_HUMAN	Macrophage migration inhibitory factor (MIF) (PI	12.5	9.1	208	2	18.3	0.88	3	9.65	0.76	3	30.78	0.52	3	8.20
CAPG_HUMAN	Macrophage-capping protein (Actin-regulatory p	38.5	5.9	274	7	20.7	0.94	7	16.01	0.93	7	10.32	0.94	7	16.83
MVP_HUMAN	Major vault protein (MVP) (Lung resistance-relat	99.3	5.2	303	4	9.5	0.94	4	27.31	1.20	4	41.98	1.19	4	54.00
MDHC_HUMAN	Malate dehydrogenase, cytoplasmic (EC 1.1.1.37	36.4	7.7	81	3	9.0	0.94	6	17.26	1.00	6	15.81	1.01	6	19.80
MDHM_HUMAN	Malate dehydrogenase, mitochondrial precursor	35.5	9.8	1241	16	57.7	1.19	15	23.27	1.28	15	26.31	1.35	15	34.13
					14	54.7	1.11	45	21.67	1.25	43	21.93	1.35	44	26.90
DCMC_HUMAN	Malonyl-CoA decarboxylase, mitochondrial precu	55.0	9.8	91	2	10.5	0.84	2	11.91	0.76	2	3.63	0.64	2	7.28
GCS1_HUMAN	Mannosyl-oligosaccharide glucosidase (EC 3.2.1.	91.9	9.4	311	7	14.0	0.96	7	9.40	0.99	7	31.64	1.07	7	31.93
MRP_HUMAN	MARCKS-related protein (MARCKS-like protein 1)	19.5	4.5	201	3	19.0	1.09	8	9.41	1.35	8	15.13	1.07	8	20.27
MATR3_HUMAN	Matrin-3 - Homo sapiens (Human)	94.6	5.8	602	9	21.4	0.97	9	21.54	1.12	9	12.49	1.10	9	27.14
PGRC1_HUMAN	Membrane-associated progesterone receptor co	21.7	4.4	263	6	24.1	1.11	6	8.36	1.12	6	12.15	1.13	6	18.36
PGRC2_HUMAN	Membrane-associated progesterone receptor co	23.8	4.6	160	2	16.1	1.17	6	10.46	1.27	6	5.06	1.35	6	13.37
SYMC_HUMAN	Methionyl-tRNA synthetase, cytoplasmic (EC 6.1.	101.1	5.8	229	4	11.4	1.06	7	18.71	0.93	7	13.51	0.84	7	25.08
SYMM_HUMAN	Methionyl-tRNA synthetase, mitochondrial precu	66.5	9.3	100	4	10.5	0.93	4	15.30	0.85	4	31.15	0.88	4	19.54
MBD5_HUMAN	Methyl-CpG-binding domain protein 5 (Methyl-C	159.8	10.0	124	3	5.8	1.23	3	22.75	1.05	3	31.65	1.13	3	28.92
MCCC2_HUMAN	Methylcrotonoyl-CoA carboxylase beta chain, mi	61.3	8.5	175	4	15.1	0.86	6	14.57	0.91	6	19.58	0.78	6	32.65
MSAP_HUMAN	MIR-interacting saposin-like protein precursor (T	20.6	4.7	139	2	22.0	0.94	7	16.83	0.95	7	15.49	0.84	7	17.06
RT30_HUMAN	Mitochondrial 28S ribosomal protein S30 (S30mt	50.3	9.2	111	3	9.1	0.94	4	5.87	0.89	4	19.88	0.81	4	19.38
RT34_HUMAN	Mitochondrial 28S ribosomal protein S34 (S34mt	25.6	10.4	152	2	22.5	0.70	2	2.87	0.65	2	3.98	0.69	2	24.49
RM23_HUMAN	Mitochondrial 39S ribosomal protein L23 (L23mt	17.8	10.0	45	2	14.4	1.03	4	25.86	1.01	4	14.09	1.04	4	19.02
RM27_HUMAN	Mitochondrial 39S ribosomal protein L27 (L27mt	16.1	10.9	109	3	27.0	1.32	3	27.86	0.93	3	20.06	1.04	3	13.49
RM04_HUMAN	Mitochondrial 39S ribosomal protein L4 (L4mt) (M	34.9	10.1	87	2	14.5	0.96	4	18.62	0.85	4	31.77	0.94	4	6.84
RM50_HUMAN	Mitochondrial 39S ribosomal protein L50 (L50mt	18.3	9.1	65	2	15.2	1.13	5	17.23	1.01	5	13.98	1.19	5	22.67
MTCH2_HUMAN	Mitochondrial carrier homolog 2 (Met-induced m	33.3	9.3	97	2	9.6	0.93	5	33.42	0.95	5	60.68	1.10	5	37.91
DIC_HUMAN	Mitochondrial dicarboxylate carrier (Solute carrie	31.3	10.5	124	2	15.3	1.08	2	13.19	1.22	2	21.08	1.56	2	43.89
TIM16_HUMAN	Mitochondrial import inner membrane translocat	13.8	10.1	58	3	20.8	1.19	4	8.61	1.23	4	12.98	1.19	4	33.00
IMMT_HUMAN	Mitochondrial inner membrane protein (Mitofilin	83.6	6.1	314	5	10.7	1.06	5	22.68	1.20	5	31.70	1.35	5	42.61
MPPA_HUMAN	Mitochondrial-processing peptidase alpha subun	58.2	6.5	205	3	15.0	1.27	3	16.72	1.04	3	4.45	1.40	3	50.84
MPPB_HUMAN	Mitochondrial-processing peptidase subunit beta	54.3	6.4	106	2	9.4	0.98	4	13.30	0.77	4	2.94	0.74	4	14.12
MK01_HUMAN	Mitogen-activated protein kinase 1 (EC 2.7.11.24	41.4	6.6	65	1	12.2	1.04	3	16.41	1.25	3	8.08	1.07	3	11.04
MOES_HUMAN	Moesin (Membrane-organizing extension spike p	67.8	6.0	549	13	22.4	1.03	13	21.84	1.16	13	21.31	1.23	13	29.06
MOT4_HUMAN	Monocarboxylate transporter 4 (MCT 4) (MCT 3)	49.4	9.2	104	2	6.0	1.06	2	15.78	1.32	2	17.93	1.69	2	8.61
SMAD9_HUMAN	Mothers against decapentaplegic homolog 9 (SM	52.5	8.9	73	1	6.9	0.84	4	10.58	0.81	4	16.14	0.84	4	7.88
RAE1L_HUMAN	mRNA-associated protein mrnp 41 (Rae1 protein	40.9	9.1	55	2	7.6	1.01	3	12.30	1.03	3	34.41	1.19	3	16.09
MUC16_HUMAN	Mucin-16 (Ovarian carcinoma antigen CA125) (O	2353.1	5.6	382	11	1.5	1.15	10	25.97	1.07	10	28.18	1.07	10	35.05
MUC5A_HUMAN	Mucin-5AC (Mucin-5 subtype AC, tracheobronch	130.0	5.8	183	4	4.6	1.06	6	19.58	0.89	6	31.45	0.81	6	33.48
PUR6_HUMAN	Multifunctional protein ADE2 [Includes: Phospho	47.0	7.7	71	1	7.8	0.88	4	10.77	0.99	4	11.05	0.81	4	21.06
MBB1A_HUMAN	Myb-binding protein 1A - Homo sapiens (Human	148.8	10.0	68	3	3.0	1.13	3	20.18	1.01	3	16.29	0.99	3	24.42
MYL6_HUMAN	Myosin light polypeptide 6 (Smooth muscle and	16.9	4.4	359	5	47.7	1.09	5	10.50	1.09	5	19.73	1.01	5	11.95
MLRM_HUMAN	Myosin regulatory light chain 2, nonsarcomeric (	19.8	4.5	179	3	29.2	1.06	3	7.48	1.16	3	16.62	1.16	3	12.52
MYH14_HUMAN	Myosin-14 (Myosin heavy chain 14) (Myosin hea	227.9	5.7	1083	36	19.9	1.04	35	28.96	1.03	34	34.61	1.04	34	41.09
MYH9_HUMAN	Myosin-9 (Myosin heavy chain 9) (Myosin heavy	226.4	5.4	1133	35	16.0	1.01	29	31.78	1.12	29	39.98	1.04	29	33.94

Supplementary Table 1C

MYO1C_HUMAN	Myosin-Ic (Myosin I beta) (MMI-beta) (MMIb) - H	118.0	10.1	116	2	6.9	0.75	2	10.23	0.56	2	48.68	0.88	2	18.86
MYO6_HUMAN	Myosin-VI (Unconventional myosin VI) - Homo sa	149.6	9.5	147	6	4.6	0.89	7	12.89	0.95	7	10.39	0.92	7	27.02
MY18A_HUMAN	Myosin-XVIIIa (Myosin containing a PDZ domain)	233.0	5.9	338	6	8.5	0.96	6	15.52	1.05	6	19.69	0.88	6	27.91
MARCS_HUMAN	Myristoylated alanine-rich C-kinase substrate (M	31.5	4.3	102	1	5.7	1.30	2	8.05	2.32	2	21.35	2.13	2	20.68
NHRF2_HUMAN	Na(+)/H(+) exchange regulatory cofactor NHE-RF	37.4	9.0	157	4	18.1	0.97	5	20.54	0.97	5	23.46	0.81	5	21.86
GALT7_HUMAN	N-acetylgalactosaminyltransferase 7 (EC 2.4.1.-)	75.3	6.7	100	3	7.2	0.91	3	20.14	0.83	3	19.40	1.07	3	16.75
GNS_HUMAN	N-acetylglucosamine-6-sulfatase precursor (EC 3	62.0	9.4	108	4	8.3	0.98	7	27.40	1.01	7	25.85	0.90	7	20.31
NAT10_HUMAN	N-acetyltransferase 10 (EC 2.3.1.-) - Homo sapier	115.6	9.2	194	3	8.2	1.15	3	16.40	1.13	3	21.54	1.40	3	25.38
NNTM_HUMAN	NAD(P) transhydrogenase, mitochondrial precurs	113.8	9.0	152	3	5.2	0.91	3	4.02	1.05	3	7.14	1.31	3	7.72
NQO1_HUMAN	NAD(P)H dehydrogenase [quinone] 1 (EC 1.6.5.2)	30.8	9.4	135	2	10.6	1.01	2	6.10	0.93	2	17.17	1.16	2	12.55
NDUA7_HUMAN	NADH dehydrogenase [ubiquinone] 1 alpha subc	12.5	10.7	100	2	26.5	1.08	2	18.14	0.83	2	11.27	0.88	2	22.27
NDUB4_HUMAN	NADH dehydrogenase [ubiquinone] 1 beta subcc	15.2	10.2	107	3	31.0	0.92	4	15.47	0.96	4	25.15	1.01	4	26.79
NDUB7_HUMAN	NADH dehydrogenase [ubiquinone] 1 beta subcc	16.4	9.9	48	2	13.1	1.13	2	24.20	1.17	2	7.58	1.04	2	0.89
NDUB8_HUMAN	NADH dehydrogenase [ubiquinone] 1 beta subcc	21.8	6.3	84	2	19.9	1.03	4	9.92	0.96	4	22.01	1.01	4	14.95
NDUV1_HUMAN	NADH dehydrogenase [ubiquinone] flavoprotein	50.8	9.5	139	6	15.1	1.00	6	18.92	1.07	6	27.01	0.92	6	21.90
NDUV2_HUMAN	NADH dehydrogenase [ubiquinone] flavoprotein	27.4	9.2	98	1	9.2	0.93	7	23.57	0.87	7	20.97	0.84	7	28.03
NDUS3_HUMAN	NADH dehydrogenase [ubiquinone] iron-sulfur p	30.2	7.8	140	5	25.0	0.87	10	15.68	0.86	10	13.21	0.83	10	26.53
NDUS5_HUMAN	NADH dehydrogenase [ubiquinone] iron-sulfur p	12.5	10.1	109	2	21.7	1.01	2	1.53	0.92	2	11.70	0.90	2	24.59
NDUS6_HUMAN	NADH dehydrogenase [ubiquinone] iron-sulfur p	13.7	9.8	111	3	21.0	0.89	3	14.63	0.67	3	51.49	0.64	3	62.56
NDUS8_HUMAN	NADH dehydrogenase [ubiquinone] iron-sulfur p	23.7	6.0	91	2	27.1	1.08	2	16.08	0.87	2	8.02	0.81	2	19.13
NCB5R_HUMAN	NADH-cytochrome b5 reductase (EC 1.6.2.2) (B5R	34.2	7.9	120	2	11.0	1.09	2	30.07	1.41	2	21.87	2.90	2	2.99
MAOX_HUMAN	NADP-dependent malic enzyme (EC 1.1.1.40) (NA	64.1	5.7	48	2	2.4	1.03	2	3.89	1.09	2	25.98	1.16	2	24.45
ADRO_HUMAN	NADPH:adrenodoxin oxidoreductase, mitochond	53.8	9.6	42	2	6.3	1.23	2	13.86	1.33	2	14.30	1.19	2	32.38
NCPR_HUMAN	NADPH--cytochrome P450 reductase (EC 1.6.2.4)	76.6	5.3	155	5	7.4	1.00	6	15.53	1.05	6	15.46	1.23	6	17.88
AHNK_HUMAN	Neuroblast differentiation-associated protein AH	312.3	6.3	1095	35	11.3	1.03	31	17.14	1.19	30	32.62	1.13	30	39.03
NCALD_HUMAN	Neurocalcin-delta - Homo sapiens (Human)	22.2	5.1	55	2	7.8	1.64	2	24.37	1.52	2	49.37	2.13	2	38.89
NPTN_HUMAN	Neuroplastin precursor (Stromal cell-derived rec	31.3	6.5	142	2	10.6	0.85	2	20.18	0.86	2	7.54	0.90	2	20.33
GANAB_HUMAN	Neutral alpha-glucosidase AB precursor (EC 3.2.1	106.8	5.7	885	18	20.3	1.13	18	46.16	1.11	17	41.13	1.56	17	50.72
AAAT_HUMAN	Neutral amino acid transporter B(0) (ATB(0)) (Sol	56.6	5.2	75	1	4.3	0.59	2	10.17	0.62	2	39.60	1.01	2	9.17
DDAH2_HUMAN	NG,NG-dimethylarginine dimethylaminohydrolas	29.6	5.6	110	3	18.2	0.98	3	6.28	0.88	3	19.42	0.99	3	11.13
NH2L1_HUMAN	NHP2-like protein 1 (High mobility group-like nuc	14.2	9.7	125	2	22.7	1.11	4	20.31	1.25	4	35.64	1.19	4	45.59
NIBL_HUMAN	Niban-like protein (Meg-3) - Homo sapiens (Hum	82.6	5.8	93	3	6.0	1.11	3	5.83	1.01	3	20.95	1.04	3	25.31
NAMPT_HUMAN	Nicotinamide phosphoribosyltransferase (EC 2.4.	55.5	6.8	70	2	4.9	1.03	5	8.24	0.87	5	5.99	1.04	5	23.28
NOMO1_HUMAN	Nodal modulator 1 precursor (pM5) - Homo sapi	134.3	5.5	192	5	6.5	1.11	5	10.32	1.00	5	15.64	1.07	5	16.06
HMGN1_HUMAN	Nonhistone chromosomal protein HMG-14 (High	10.7	10.1	82	2	22.0	0.81	2	3.83	1.15	2	33.67	0.64	2	69.73
NONO_HUMAN	Non-POU domain-containing octamer-binding pr	54.2	9.6	326	6	20.4	0.96	9	19.41	1.03	9	25.27	1.16	9	22.79
NLTP_HUMAN	Nonspecific lipid-transfer protein (EC 2.3.1.176) (	59.0	6.5	345	5	10.8	1.13	5	16.95	1.13	5	6.34	1.19	5	18.31
NUMA1_HUMAN	Nuclear mitotic apparatus protein 1 (NuMA prot	238.1	5.5	357	11	9.6	1.17	11	34.05	1.06	11	29.61	0.92	11	34.57
NU133_HUMAN	Nuclear pore complex protein Nup133 (Nucleopo	128.9	4.8	73	2	4.6	1.43	2	50.67	0.96	2	13.77	0.83	2	11.19
NUP93_HUMAN	Nuclear pore complex protein Nup93 (Nucleopor	93.4	5.4	140	2	8.1	1.06	6	5.25	1.09	6	5.27	1.40	6	16.91
YBOX1_HUMAN	Nuclease sensitive element-binding protein 1 (Y-	35.9	0.0	294	4	17.0	0.91	4	14.93	0.79	4	37.33	0.75	4	49.44
NUCB1_HUMAN	Nucleobindin-1 precursor (CALNUC) - Homo sapi	53.8	5.0	220	5	18.2	0.97	5	12.83	0.89	5	16.85	0.90	5	22.50
NOC2L_HUMAN	Nucleolar complex protein 2 homolog (Protein N	84.9	5.3	77	2	5.7	1.17	2	12.15	1.50	2	34.57	1.16	2	9.87
NOL11_HUMAN	Nucleolar protein 11 - Homo sapiens (Human)	81.1	5.7	73	2	3.5	1.25	2	37.93	1.35	2	27.60	1.40	2	0.28
NOP56_HUMAN	Nucleolar protein Nop56 (Nucleolar protein 5A) -	66.0	9.8	99	2	5.1	1.11	4	22.74	1.23	4	18.36	1.40	4	29.11
DDX21_HUMAN	Nucleolar RNA helicase 2 (EC 3.6.1.-) (Nucleolar R	87.3	9.9	330	6	12.4	0.96	6	19.16	0.99	6	42.59	0.94	6	33.72
NUCL_HUMAN	Nucleolin (Protein C23) - Homo sapiens (Human)	76.6	4.4	982	26	28.3	0.96	26	11.50	1.05	24	24.49	0.90	25	50.39
NPM_HUMAN	Nucleophosmin (NPM) (Nucleolar phosphoprote	32.6	4.5	628	8	33.3	1.04	8	17.72	1.01	8	20.75	1.10	8	17.35
NDKB_HUMAN	Nucleoside diphosphate kinase B (EC 2.7.4.6) (ND	17.3	9.4	391	7	48.7	1.09	7	18.82	1.06	7	17.28	1.16	7	31.92

Supplementary Table 1C

NUDT8_HUMAN	Nucleoside diphosphate-linked moiety X motif 8	25.4	9.9	48	1	8.9	0.65	2	56.04	0.75	2	40.52	0.69	2	5.69
OSGI1_HUMAN	Oxidative stress induced growth inhibitor 1 (Preg	60.8	7.2	35	1	3.0	0.89	5	9.68	0.92	5	19.28	0.46	5	10.22
HTAI2_HUMAN	Oxidoreductase HTATIP2 (EC 1.1.1.-) (HIV-1 TAT-	27.1	9.6	97	3	14.5	0.89	5	9.58	0.81	5	24.10	0.74	5	23.62
OSBP1_HUMAN	Oxysterol-binding protein 1 - Homo sapiens (Hur	89.4	7.0	240	3	6.8	1.08	4	17.79	1.17	4	27.63	1.04	4	34.29
PCTL_HUMAN	PCTP-like protein (PCTP-L) (StAR-related lipid tra	33.0	6.8	108	2	13.1	1.01	5	13.30	0.90	5	28.55	1.01	5	15.27
PDLI1_HUMAN	PDZ and LIM domain protein 1 (Elfin) (LIM domai	36.0	6.6	29	1	4.6	0.76	3	9.84	0.83	3	5.73	0.50	3	10.96
PDLI5_HUMAN	PDZ and LIM domain protein 5 (Enigma homolog	63.9	9.6	95	2	5.4	1.03	2	2.35	1.03	2	7.29	1.07	2	6.14
PDZD8_HUMAN	PDZ domain-containing protein 8 (Sarcoma antig	128.5	5.7	101	3	4.3	0.91	3	18.15	1.17	3	21.55	1.13	3	27.53
PPIA_HUMAN	Peptidyl-prolyl cis-trans isomerase A (EC 5.2.1.8)	18.0	9.0	840	13	60.0	1.11	13	15.54	1.08	13	31.66	1.01	13	38.71
PPIB_HUMAN	Peptidyl-prolyl cis-trans isomerase B precursor (E	22.7	9.9	807	17	51.9	1.08	16	12.00	1.25	17	36.16	1.62	17	50.29
PPIF_HUMAN	Peptidyl-prolyl cis-trans isomerase, mitochondria	22.0	10.4	88	2	10.6	1.17	2	0.60	1.04	2	20.06	1.10	2	28.68
PRDX1_HUMAN	Peroxiredoxin-1 (EC 1.11.1.15) (Thioredoxin pero	22.1	9.2	622	10	53.8	1.15	10	15.89	1.23	10	29.92	1.27	10	30.36
PRDX2_HUMAN	Peroxiredoxin-2 (EC 1.11.1.15) (Thioredoxin pero	21.9	5.6	212	4	21.2	1.19	4	16.73	1.25	4	9.10	1.45	4	13.53
PRDX4_HUMAN	Peroxiredoxin-4 (EC 1.11.1.15) (Prx-IV) (Thioredo	30.5	5.8	201	3	21.4	1.21	3	4.99	1.87	3	34.03	1.62	3	43.63
PRDX5_HUMAN	Peroxiredoxin-5, mitochondrial precursor (EC 1.1	22.0	9.9	443	5	28.0	1.30	5	15.61	1.13	5	31.55	1.13	5	38.68
PRDX6_HUMAN	Peroxiredoxin-6 (EC 1.11.1.15) (Antioxidant prote	25.0	6.0	140	4	14.7	1.15	11	15.66	1.15	11	19.12	1.19	11	16.17
DHB4_HUMAN	Peroxisomal multifunctional enzyme type 2 (MFE	79.6	9.6	362	9	14.8	1.27	9	27.41	1.35	9	35.61	1.19	9	56.97
PHF5A_HUMAN	PHD finger-like domain-containing protein 5A (PH	12.4	10.0	57	2	15.5	0.94	3	9.28	1.04	3	12.02	0.81	3	16.69
SYFB_HUMAN	Phenylalanyl-tRNA synthetase beta chain (EC 6.1	66.1	6.4	195	5	12.2	1.01	11	21.41	0.96	11	25.17	1.16	11	19.51
MPCP_HUMAN	Phosphate carrier protein, mitochondrial precurs	40.1	10.1	153	3	8.8	0.87	5	26.04	0.98	5	16.75	1.19	5	20.40
PEBP1_HUMAN	Phosphatidylethanolamine-binding protein 1 (PE	21.0	7.8	133	4	28.9	1.15	6	22.56	0.94	6	25.44	0.83	6	20.39
PIPNB_HUMAN	Phosphatidylinositol transfer protein beta isofor	31.5	6.5	56	3	7.0	1.04	3	12.28	1.12	3	7.22	0.92	3	31.90
PPCKM_HUMAN	Phosphoenolpyruvate carboxykinase [GTP], mito	70.6	8.7	165	5	12.3	1.09	7	15.35	0.99	7	17.59	1.16	7	17.02
PGM2_HUMAN	Phosphoglucomutase-2 (EC 5.4.2.2) (Glucose pho	68.2	6.3	103	4	8.3	0.93	15	16.70	0.98	15	25.31	0.97	15	33.38
PGK1_HUMAN	Phosphoglycerate kinase 1 (EC 2.7.2.3) (Primer re	44.6	9.2	1237	19	44.4	1.32	19	15.62	1.23	19	31.40	1.31	18	47.68
PGAM1_HUMAN	Phosphoglycerate mutase 1 (EC 5.4.2.1) (EC 5.4.2	28.8	6.8	191	3	13.8	1.17	3	18.75	1.00	3	14.48	1.16	3	18.96
PKP3_HUMAN	Plakophilin-3 - Homo sapiens (Human)	87.0	10.0	178	4	15.1	1.06	3	12.84	1.00	3	14.98	0.99	3	9.69
PAIRB_HUMAN	Plasminogen activator inhibitor 1 RNA-binding pr	44.9	9.3	319	6	22.5	0.86	8	19.62	1.11	8	26.82	0.72	8	41.97
PA1B2_HUMAN	Platelet-activating factor acetylhydrolase IB subu	25.6	5.5	121	2	14.8	1.19	4	32.38	0.85	4	17.22	0.83	4	41.60
PA1B3_HUMAN	Platelet-activating factor acetylhydrolase IB subu	25.7	6.4	61	1	3.9	0.94	2	1.02	1.03	2	13.47	1.04	2	16.55
PLEC1_HUMAN	Plectin-1 (PLTN) (PCN) (Hemidesmosomal protein	531.4	5.6	1387	67	14.4	1.00	61	19.72	1.00	61	18.99	0.92	61	35.33
PARP1_HUMAN	Poly [ADP-ribose] polymerase 1 (EC 2.4.2.30) (PA	113.0	9.6	213	4	6.0	0.92	4	17.63	0.96	4	12.43	0.76	4	40.46
PCBP1_HUMAN	Poly(rC)-binding protein 1 (Alpha-CP1) (hnRNP-E	37.5	6.8	320	6	28.9	1.00	9	9.21	0.93	9	15.66	0.99	9	11.48
PCBP2_HUMAN	Poly(rC)-binding protein 2 (Alpha-CP2) (hnRNP-E	38.6	6.4	330	5	21.6	0.97	5	20.59	0.96	5	26.92	1.01	5	16.73
PABP1_HUMAN	Polyadenylate-binding protein 1 (Poly(A)-binding	70.6	10.0	458	7	18.4	0.97	7	13.20	0.88	7	19.50	0.90	7	29.04
PDIP2_HUMAN	Polymerase delta-interacting protein 2 (38 kDa D	42.0	9.5	109	5	16.6	0.76	7	25.66	0.73	7	43.77	0.58	7	61.87
GALT2_HUMAN	Polypeptide N-acetylgalactosaminyltransferase 2	64.7	9.5	85	3	9.5	0.86	3	20.67	1.06	3	30.94	0.72	3	25.97
GALT3_HUMAN	Polypeptide N-acetylgalactosaminyltransferase 3	72.6	9.2	87	2	8.2	1.09	2	14.69	1.03	2	29.48	1.35	2	22.27
PTBP1_HUMAN	Polypyrimidine tract-binding protein 1 (PTB) (Het	57.2	9.8	201	3	7.0	0.96	4	9.60	1.20	4	25.49	1.69	4	42.63
PNPT1_HUMAN	Polyribonucleotide nucleotidyltransferase 1, mit	85.9	8.8	127	3	9.3	1.21	3	26.52	1.20	3	5.69	0.83	3	27.52
PRAF3_HUMAN	PRA1 family protein 3 (ARL-6-interacting protein	21.6	10.1	42	1	5.9	0.92	6	18.20	0.90	6	25.96	0.79	6	31.50
PFD2_HUMAN	Prefoldin subunit 2 - Homo sapiens (Human)	16.6	6.2	60	1	14.9	0.78	4	10.66	0.48	4	21.52	0.43	4	33.61
PFD6_HUMAN	Prefoldin subunit 6 (Protein Ke2) - Homo sapiens	14.6	9.4	90	2	20.2	1.00	4	17.28	1.03	4	5.09	0.90	4	7.96
PREP_HUMAN	Presequence protease, mitochondrial precursor	117.4	6.5	108	2	5.3	1.21	2	11.78	2.03	2	48.98	1.45	2	11.11
SAP_HUMAN	Proactivator polypeptide precursor [Contains: Sa	58.1	4.9	311	6	13.9	1.11	17	18.32	1.19	17	23.38	1.10	17	24.30
DDX17_HUMAN	Probable ATP-dependent RNA helicase DDX17 (E	72.3	9.5	567	13	27.8	1.09	13	35.54	1.20	13	27.15	1.23	13	32.74
DDX23_HUMAN	Probable ATP-dependent RNA helicase DDX23 (E	95.6	10.1	81	2	6.8	1.01	2	7.17	0.91	2	2.69	0.84	2	18.18
DDX47_HUMAN	Probable ATP-dependent RNA helicase DDX47 (E	50.6	9.8	58	2	7.3	0.98	6	12.57	0.83	6	34.60	0.97	6	32.82
DDX5_HUMAN	Probable ATP-dependent RNA helicase DDX5 (EC	69.1	9.7	448	12	23.8	0.94	12	15.77	1.03	12	16.91	1.01	12	21.77

Supplementary Table 1C

SYCM_HUMAN	Probable cysteinyl-tRNA synthetase, mitochondr	62.2	9.4	91	2	7.3	0.82	2	2.58	1.22	2	24.70	1.56	2	14.88
TRIPC_HUMAN	Probable E3 ubiquitin-protein ligase TRIP12 (EC 6	220.3	9.6	130	3	3.8	1.00	7	15.89	1.00	7	13.94	0.84	7	22.50
K1815_HUMAN	Probable peptidase KIAA1815 (EC 3.4.-.-) - Homo	100.2	7.5	100	2	5.0	1.03	3	23.64	1.11	3	16.11	1.40	3	30.79
EBP2_HUMAN	Probable rRNA-processing protein EBP2 (EBNA1-	34.8	10.6	137	4	18.3	0.77	4	17.43	0.77	4	32.00	0.69	4	30.19
PLOD3_HUMAN	Procollagen-lysine,2-oxoglutarate 5-dioxygenase	84.7	5.6	163	4	9.2	1.11	5	23.62	1.11	5	17.01	1.13	5	30.43
PROF1_HUMAN	Profilin-1 (Profilin I) - Homo sapiens (Human)	15.0	9.4	474	5	62.9	1.06	5	16.46	0.83	5	17.62	0.79	5	33.70
PDCD4_HUMAN	Programmed cell death protein 4 (Nuclear antige	51.7	4.9	143	5	11.5	0.92	5	15.31	0.78	5	28.67	0.71	5	24.53
PDCD6_HUMAN	Programmed cell death protein 6 (Probable calci	21.9	5.0	190	4	21.5	0.94	7	18.47	1.03	7	21.93	1.31	7	27.00
PHB_HUMAN	Prohibitin - Homo sapiens (Human)	29.8	5.5	343	7	25.0	1.01	7	13.44	1.08	7	8.76	1.35	7	16.09
PHB2_HUMAN	Prohibitin-2 (B-cell receptor-associated protein B	33.3	10.2	525	11	37.1	1.01	11	25.58	1.03	11	40.58	1.27	11	41.82
PA2G4_HUMAN	Proliferation-associated protein 2G4 (Cell cycle p	43.8	6.1	116	2	6.3	0.94	3	8.65	1.08	3	9.54	1.13	3	15.08
P4HA1_HUMAN	Prolyl 4-hydroxylase subunit alpha-1 precursor (E	61.0	5.6	293	5	17.4	1.08	7	21.12	1.33	7	14.74	1.40	7	22.99
PCCA_HUMAN	Propionyl-CoA carboxylase alpha chain, mitocho	77.3	6.7	102	3	8.1	0.96	3	19.62	0.87	3	27.92	1.19	3	19.52
TEBP_HUMAN	Prostaglandin E synthase 3 (EC 5.3.99.3) (Cytosol	18.7	4.2	95	2	10.6	0.92	3	14.17	0.74	3	8.37	0.57	3	1.99
PSME1_HUMAN	Proteasome activator complex subunit 1 (Protea	28.7	5.7	96	3	11.6	0.89	3	13.04	0.76	3	34.55	0.65	3	17.37
PSA1_HUMAN	Proteasome subunit alpha type 1 (EC 3.4.25.1) (P	29.5	6.2	46	1	8.4	0.88	3	23.33	1.05	3	23.61	0.86	3	19.09
PSA5_HUMAN	Proteasome subunit alpha type 5 (EC 3.4.25.1) (P	26.4	4.6	63	2	12.0	1.00	3	8.37	1.04	3	13.19	1.16	3	6.21
PSA6_HUMAN	Proteasome subunit alpha type 6 (EC 3.4.25.1) (P	27.4	6.4	78	3	12.6	0.94	4	8.82	0.96	4	10.76	1.01	4	25.35
PSA7_HUMAN	Proteasome subunit alpha type 7 (EC 3.4.25.1) (P	27.9	9.3	83	2	12.1	1.25	2	13.07	1.11	2	47.47	1.62	2	16.58
PSB1_HUMAN	Proteasome subunit beta type 1 precursor (EC 3.	26.5	9.1	130	5	34.9	0.94	7	16.99	1.13	7	5.81	1.16	7	29.96
BICD2_HUMAN	Protein bicaudal D homolog 2 (Bic-D 2) - Homo sa	93.5	5.2	173	2	11.4	1.11	3	16.80	0.89	3	48.11	0.56	3	14.45
CG38_HUMAN	Protein CGI-38 - Homo sapiens (Human)	19.0	9.8	101	3	10.2	1.13	4	8.48	0.99	4	16.01	0.88	4	18.39
DEK_HUMAN	Protein DEK - Homo sapiens (Human)	42.6	9.4	226	4	16.3	1.01	5	10.35	1.07	5	11.43	1.31	5	37.75
PDIA3_HUMAN	Protein disulfide-isomerase A3 precursor (EC 5.3	56.7	5.9	1734	29	45.3	1.13	27	25.39	1.15	24	24.28	1.31	26	32.79
PDIA4_HUMAN	Protein disulfide-isomerase A4 precursor (EC 5.3	72.9	4.8	1193	26	34.3	1.11	24	17.82	1.17	25	30.37	1.31	24	32.22
PDIA6_HUMAN	Protein disulfide-isomerase A6 precursor (EC 5.3	48.1	4.8	689	11	30.7	1.11	11	25.89	1.17	11	27.82	1.40	11	32.21
PDIA1_HUMAN	Protein disulfide-isomerase precursor (EC 5.3.4.1	57.1	4.6	1301	24	43.3	1.11	24	22.87	1.16	24	43.83	1.31	23	49.15
FAM3C_HUMAN	Protein FAM3C precursor (Protein GS3786) - Hon	24.7	9.4	76	1	18.5	1.25	3	15.24	0.95	3	7.61	1.01	3	18.90
FA62A_HUMAN	Protein FAM62A (Membrane-bound C2 domain-c	122.8	5.5	213	4	8.3	0.97	4	27.08	1.33	4	22.07	1.01	4	58.26
FA62B_HUMAN	Protein FAM62B (Extended synaptotagmin-2) (Ch	102.3	10.0	163	3	6.4	1.03	3	2.49	1.13	3	19.66	1.19	3	23.43
FLII_HUMAN	Protein flightless-1 homolog - Homo sapiens (Hu	144.7	5.7	166	3	9.5	0.98	3	18.54	0.84	3	29.39	0.72	3	48.32
K1967_HUMAN	Protein KIAA1967 (Deleted in breast cancer gene	102.8	5.0	137	2	3.5	0.80	2	28.64	1.16	2	3.44	1.01	2	16.90
PKCB1_HUMAN	Protein kinase C-binding protein 1 (Rack7) (Cutar	131.6	6.9	94	2	3.2	1.01	2	6.89	1.80	2	55.89	1.50	2	72.19
LRP16_HUMAN	Protein LRP16 - Homo sapiens (Human)	35.5	10.4	114	2	15.4	0.97	2	20.53	1.17	2	6.48	1.13	2	25.56
NDRG1_HUMAN	Protein NDRG1 (N-myc downstream-regulated ge	42.8	5.4	209	6	16.2	1.19	7	34.50	1.07	7	28.79	1.19	7	25.43
NIPS1_HUMAN	Protein NipSnap1 - Homo sapiens (Human)	33.3	9.8	64	2	8.8	1.08	6	10.01	1.03	6	14.53	1.16	6	18.91
PP2CG_HUMAN	Protein phosphatase 2C isoform gamma (EC 3.1.3	59.2	4.1	97	2	6.6	0.87	2	22.17	0.78	2	55.00	0.81	2	33.04
POF1B_HUMAN	Protein POF1B (Premature ovarian failure protei	68.7	5.9	178	5	12.4	0.96	5	8.74	0.87	5	16.87	0.88	5	5.20
RCC2_HUMAN	Protein RCC2 (Telophase disk protein of 60 kDa)	56.0	9.9	243	5	16.9	1.09	5	20.54	1.06	5	20.00	1.07	5	9.68
S10AA_HUMAN	Protein S100-A10 (S100 calcium-binding protein	11.2	7.7	250	3	32.0	1.08	3	19.31	1.84	3	31.30	2.90	3	37.49
S10AB_HUMAN	Protein S100-A11 (S100 calcium-binding protein	11.7	7.5	209	2	32.4	1.03	2	1.51	0.81	2	28.44	0.74	2	27.04
S10A4_HUMAN	Protein S100-A4 (S100 calcium-binding protein A	11.7	5.8	155	2	18.8	1.19	5	14.99	1.30	5	18.45	1.19	5	14.92
S10A6_HUMAN	Protein S100-A6 (S100 calcium-binding protein A	10.2	5.2	233	3	41.1	1.11	3	3.94	1.08	3	14.36	0.83	3	19.06
S100P_HUMAN	Protein S100-P (S100 calcium-binding protein P)	10.4	4.6	109	2	24.2	1.17	7	23.18	1.12	7	18.43	1.84	7	36.44
SET_HUMAN	Protein SET (Phosphatase 2A inhibitor I2PP2A) (I-	33.5	4.1	136	3	10.3	1.06	6	5.71	0.94	6	10.79	0.84	6	9.56
SC23A_HUMAN	Protein transport protein Sec23A (SEC23-related	86.1	6.7	99	4	7.8	0.98	6	30.85	0.84	6	32.05	0.72	6	34.84
SC24C_HUMAN	Protein transport protein Sec24C (SEC24-related	118.2	6.8	133	2	3.1	0.98	5	13.55	0.90	5	22.41	1.07	5	15.89
XRP2_HUMAN	Protein XRP2 - Homo sapiens (Human)	39.6	4.9	55	2	3.7	0.98	2	4.09	0.98	2	0.58	1.07	2	15.56
PHS_HUMAN	Pterin-4-alpha-carbinolamine dehydratase (EC 4.	12.0	6.3	76	2	17.3	0.81	3	18.97	0.96	3	9.01	1.13	3	22.13

Supplementary Table 1C

PNPH_HUMAN	Purine nucleoside phosphorylase (EC 2.4.2.1) (In	32.1	6.5	66	2	9.0	1.09	2	6.47	1.22	2	0.54	1.31	2	14.87
PSA_HUMAN	Puromycin-sensitive aminopeptidase (EC 3.4.11.-	103.2	5.4	132	3	7.0	1.03	4	19.16	1.00	4	18.97	0.92	4	15.33
DHX15_HUMAN	Putative pre-mRNA-splicing factor ATP-depende	90.9	7.4	207	3	13.5	1.11	6	20.06	1.16	6	17.45	0.76	6	26.49
NOL1_HUMAN	Putative RNA methyltransferase NOL1 (EC 2.1.1.-	89.2	9.8	125	3	6.3	0.97	4	14.49	1.11	4	26.64	1.35	4	19.50
LC7L2_HUMAN	Putative RNA-binding protein Luc7-like 2 - Homo	46.5	10.8	222	6	25.0	0.88	6	21.42	0.79	6	26.29	0.88	6	16.38
KAT_HUMAN	Putative thiosulfate sulfurtransferase KAT (EC 2.8	12.5	5.8	53	2	12.2	0.94	3	25.34	0.87	3	4.80	0.78	3	10.12
P5CR1_HUMAN	Pyrroline-5-carboxylate reductase 1 (EC 1.5.1.2) (	33.3	8.0	161	2	9.7	0.80	4	7.82	0.81	4	29.76	0.90	4	38.62
PYC_HUMAN	Pyruvate carboxylase, mitochondrial precursor (I	129.6	6.4	162	4	9.9	1.04	9	32.80	0.94	9	13.31	0.88	9	37.48
ODPA_HUMAN	Pyruvate dehydrogenase E1 component alpha su	43.3	9.3	80	2	6.4	1.01	5	6.71	1.00	5	16.62	1.31	5	19.58
ODPX_HUMAN	Pyruvate dehydrogenase protein X component, r	54.1	9.5	130	2	11.4	1.04	2	6.76	1.15	2	17.80	1.23	2	35.57
KPYM_HUMAN	Pyruvate kinase isozymes M1/M2 (EC 2.7.1.40) (I	57.9	9.0	780	15	31.1	1.04	13	14.31	1.17	12	30.92	1.31	12	35.43
QOR_HUMAN	Quinone oxidoreductase (EC 1.6.5.5) (NADPH:qu	35.2	9.2	137	2	6.4	1.19	3	7.21	1.22	3	18.38	1.50	3	15.96
GDIB_HUMAN	Rab GDP dissociation inhibitor beta (Rab GDI bet	50.6	6.1	128	3	15.1	1.01	7	22.45	0.89	7	25.61	0.88	7	17.12
G3BP1_HUMAN	Ras GTPase-activating protein-binding protein 1	52.1	5.3	85	2	10.9	0.89	2	0.61	0.85	2	2.10	0.84	2	5.17
IQGA1_HUMAN	Ras GTPase-activating-like protein IQGAP1 (p195	189.1	6.1	206	6	7.2	0.97	9	22.69	1.19	8	39.14	1.01	9	37.67
RAC1_HUMAN	Ras-related C3 botulinum toxin substrate 1 precu	21.4	9.7	190	3	22.4	1.17	4	46.23	1.39	4	20.02	1.45	4	41.40
RB11A_HUMAN	Ras-related protein Rab-11A (Rab-11) (YL8) - Hor	24.4	6.1	74	3	13.4	1.06	7	11.66	1.07	7	20.16	1.16	7	17.48
RAB1A_HUMAN	Ras-related protein Rab-1A (YPT1-related protein	22.7	5.9	197	4	30.7	1.11	7	20.21	1.20	7	13.87	1.45	7	29.99
RAB2B_HUMAN	Ras-related protein Rab-2B - Homo sapiens (Hum	24.2	8.9	84	1	9.3	0.97	5	26.23	0.85	5	22.47	1.19	5	24.62
RAB7A_HUMAN	Ras-related protein Rab-7a - Homo sapiens (Hum	23.5	7.2	167	2	18.4	1.00	7	7.97	1.12	7	14.66	1.16	7	14.86
RAB8A_HUMAN	Ras-related protein Rab-8A (Oncogene c-mel) - H	23.7	9.8	61	2	12.1	1.32	4	33.53	1.28	4	14.51	1.23	4	25.75
RCC1_HUMAN	Regulator of chromosome condensation (Chrom	44.9	7.9	85	2	3.8	1.09	6	12.31	1.22	6	17.75	1.04	6	33.09
RENT1_HUMAN	Regulator of nonsense transcripts 1 (EC 3.6.1.-) (	124.3	6.2	67	2	3.1	0.89	2	19.61	0.98	2	17.55	1.01	2	28.14
IASPP_HUMAN	RelA-associated inhibitor (Inhibitor of ASPP prote	89.0	6.4	92	2	5.9	1.03	2	10.60	0.70	2	7.36	0.94	2	19.84
RCN1_HUMAN	Reticulocalbin-1 precursor - Homo sapiens (Hum	38.9	4.7	117	1	8.5	0.88	2	2.56	1.12	2	13.53	0.92	2	17.79
RTN4_HUMAN	Reticulon-4 (Neurite outgrowth inhibitor) (Nogo	129.9	4.3	205	3	5.0	0.96	15	12.14	1.04	15	20.65	1.01	15	16.14
AL1A1_HUMAN	Retinal dehydrogenase 1 (EC 1.2.1.36) (RalDH1) (	54.8	6.3	152	3	12.2	0.96	11	13.38	0.96	11	10.09	0.71	11	17.54
RAI3_HUMAN	Retinoic acid-induced protein 3 (G-protein coupl	40.2	9.3	99	2	5.6	1.11	2	5.51	1.23	2	8.27	1.16	2	25.70
RHG01_HUMAN	Rho GTPase-activating protein 1 (GTPase-activat	50.4	5.8	62	2	7.5	0.93	2	14.14	0.84	2	4.01	0.99	2	1.11
ARHG1_HUMAN	Rho guanine nucleotide exchange factor 1 (p115	102.4	5.4	235	2	12.5	1.08	2	14.27	1.01	2	15.78	0.97	2	9.53
RINI_HUMAN	Ribonuclease inhibitor (Ribonuclease/angiogenin	49.9	4.6	104	3	10.2	0.93	4	18.90	0.86	4	6.85	1.04	4	32.66
RL1D1_HUMAN	Ribosomal L1 domain-containing protein 1 (Cellu	54.9	10.7	101	3	10.2	0.86	4	16.21	0.91	4	9.03	0.68	4	39.43
RBM14_HUMAN	RNA-binding protein 14 (RNA-binding motif prot	69.4	10.0	313	5	15.4	0.91	5	15.30	0.99	5	23.73	0.79	5	14.92
RALY_HUMAN	RNA-binding protein Raly (hnRNP associated wit	32.4	9.6	166	6	15.0	1.03	8	14.45	1.12	8	25.54	1.10	8	23.70
RNPS1_HUMAN	RNA-binding protein with serine-rich domain 1 (S	34.2	12.3	133	3	22.6	1.25	3	37.42	1.17	3	20.77	1.19	3	9.00
FBRL_HUMAN	rRNA 2'-O-methyltransferase fibrillarin (EC 2.1.1.	33.8	10.7	231	5	19.0	1.06	9	23.62	1.28	9	33.17	1.40	9	39.50
RRP12_HUMAN	RRP12-like protein - Homo sapiens (Human)	143.6	9.8	187	4	8.4	0.81	4	43.02	0.89	4	39.02	0.81	4	30.45
RUVB1_HUMAN	RuvB-like 1 (EC 3.6.1.-) (49 kDa TATA box-binding	50.2	6.0	141	1	8.8	1.38	3	35.93	1.15	3	24.52	1.45	3	23.68
RUVB2_HUMAN	RuvB-like 2 (EC 3.6.1.-) (48 kDa TATA box-binding	51.1	5.4	175	2	16.2	0.98	6	18.03	1.13	6	11.22	1.31	6	12.73
AT2A2_HUMAN	Sarcoplasmic/endoplasmic reticulum calcium AT	114.7	5.1	168	5	7.0	1.03	10	19.45	0.96	10	23.04	1.16	10	24.92
SAFB1_HUMAN	Scaffold attachment factor B (Scaffold attachmer	102.6	5.2	306	9	15.2	0.92	9	21.55	1.05	9	20.48	0.94	9	14.16
DCPS_HUMAN	Scavenger mRNA-decapping enzyme DcpS (EC 3.-	38.6	5.9	84	2	8.6	1.00	2	16.33	1.22	2	2.25	1.31	2	3.62
S23IP_HUMAN	SEC23-interacting protein (p125) - Homo sapiens	111.0	5.2	97	3	5.1	0.89	3	15.12	1.15	3	4.19	1.04	3	13.92
SCAM3_HUMAN	Secretory carrier-associated membrane protein 3	38.3	8.8	86	1	10.4	1.03	2	3.34	0.96	2	2.02	0.99	2	11.20
SBP1_HUMAN	Selenium-binding protein 1 - Homo sapiens (Hum	52.3	6.1	79	2	7.4	1.09	2	4.08	1.12	2	2.48	0.71	2	18.50
SPRE_HUMAN	Sepiapterin reductase (EC 1.1.1.153) (SPR) - Hom	28.0	9.3	53	2	6.1	1.01	2	1.68	1.25	2	16.27	1.13	2	6.82
SEPT9_HUMAN	Septin-9 (MLL septin-like fusion protein) (MLL se	65.4	9.7	139	5	14.3	0.92	5	17.41	0.96	5	22.94	0.99	5	29.19
GLYM_HUMAN	Serine hydroxymethyltransferase, mitochondrial	56.0	9.5	651	16	36.7	1.04	16	22.11	1.15	16	33.62	1.31	16	37.99
PAK2_HUMAN	Serine/threonine-protein kinase PAK 2 (EC 2.7.11	58.0	5.6	89	2	5.0	1.04	2	10.07	0.63	2	76.04	0.81	2	33.83

Supplementary Table 1C

PTPA_HUMAN	Serine/threonine-protein phosphatase 2A regula	40.6	5.6	99	2	5.9	0.88	2	14.98	1.13	2	42.58	1.01	2	38.53
PP4R1_HUMAN	Serine/threonine-protein phosphatase 4 regulat	106.9	4.5	56	1	1.5	0.82	2	2.22	0.81	2	48.85	0.69	2	27.09
PP1A_HUMAN	Serine/threonine-protein phosphatase PP1-alpha	37.5	5.9	166	4	19.4	1.13	6	28.06	1.27	6	21.73	1.56	6	36.48
ATM_HUMAN	Serine-protein kinase ATM (EC 2.7.11.1) (Ataxia t	350.4	6.3	151	5	2.7	0.93	6	10.74	0.85	6	27.75	1.10	6	48.18
SERPH_HUMAN	Serpin H1 precursor (Collagen-binding protein) (	46.4	9.3	84	2	9.3	1.11	2	37.73	0.69	2	14.91	0.75	2	67.11
ALBU_HUMAN	Serum albumin precursor - Homo sapiens (Huma	69.3	5.9	181	2	7.2	0.82	11	16.02	0.41	11	15.57	0.36	11	14.64
SYSM_HUMAN	Seryl-tRNA synthetase, mitochondrial precursor	58.2	9.2	90	2	9.1	1.30	2	7.88	1.95	2	22.25	1.45	2	13.80
SHC3_HUMAN	SHC-transforming protein 3 (SH2 domain protein	64.0	9.4	81	2	8.4	1.03	6	31.96	1.30	6	35.72	1.50	6	37.44
SIAS_HUMAN	Sialic acid synthase (N-acetylneuraminate syntha	40.3	6.3	57	2	5.3	1.03	2	2.35	1.06	2	6.59	1.04	2	6.75
SFXN1_HUMAN	Sideroflexin-1 (Tricarboxylate carrier protein) (TC	35.6	10.0	173	4	20.8	1.03	15	11.81	1.06	15	16.40	1.31	15	12.82
SFXN3_HUMAN	Sideroflexin-3 - Homo sapiens (Human)	35.5	10.0	168	2	16.2	1.04	11	10.98	1.04	11	13.09	1.31	11	13.92
SRP14_HUMAN	Signal recognition particle 14 kDa protein (SRP14	14.6	10.6	130	2	21.3	0.89	2	1.72	0.89	2	18.17	0.84	2	0.74
SRP09_HUMAN	Signal recognition particle 9 kDa protein (SRP9) -	10.1	9.1	77	2	24.4	1.00	3	21.01	0.83	3	10.05	0.86	3	12.77
SRPRB_HUMAN	Signal recognition particle receptor subunit beta	29.7	9.9	91	3	19.2	1.17	3	24.44	0.88	3	15.87	0.86	3	12.28
SSB_HUMAN	Single-stranded DNA-binding protein, mitochond	17.2	9.9	136	4	18.9	0.96	8	17.04	0.96	8	18.22	0.86	8	16.79
SMD3_HUMAN	Small nuclear ribonucleoprotein Sm D3 (snRNP c	13.9	11.1	118	3	35.7	0.93	9	19.21	0.89	9	22.78	0.97	9	18.53
MTAP_HUMAN	S-methyl-5-thioadenosine phosphorylase (EC 2.4	31.2	6.9	97	3	12.4	1.11	3	5.05	1.12	3	10.58	0.92	3	2.73
AT1A1_HUMAN	Sodium/potassium-transporting ATPase alpha-1	112.8	5.2	619	10	12.7	1.08	11	13.42	1.23	11	17.84	1.40	11	21.92
AT1B1_HUMAN	Sodium/potassium-transporting ATPase subunit	35.0	9.4	223	4	16.2	1.01	4	4.84	1.35	4	33.27	1.45	4	32.27
S12A2_HUMAN	Solute carrier family 12 member 2 (Bumetanide-	131.4	6.0	179	3	5.2	0.87	5	20.61	0.98	5	12.12	1.13	5	26.06
GTR1_HUMAN	Solute carrier family 2, facilitated glucose transp	54.0	9.6	129	3	4.9	1.21	9	27.66	1.19	9	22.64	1.69	9	20.93
SON_HUMAN	SON protein (SON3) (Negative regulatory elemer	263.7	5.4	132	4	3.1	1.04	4	25.73	1.12	4	18.51	1.01	4	7.74
SORCN_HUMAN	Sorcin (22 kDa protein) (CP-22) (V19) - Homo sap	21.7	5.2	32	1	5.1	1.00	2	5.70	0.74	2	13.80	1.07	2	6.45
SPTA2_HUMAN	Spectrin alpha chain, brain (Spectrin, non-erythr	284.4	5.1	601	13	11.6	0.98	13	26.46	1.03	13	30.10	1.07	13	37.84
SPTB2_HUMAN	Spectrin beta chain, brain 1 (Spectrin, non-erythr	274.4	5.3	475	13	9.1	1.03	14	14.87	1.06	14	24.53	0.92	14	28.81
UAP56_HUMAN	Spliceosome RNA helicase BAT1 (EC 3.6.1.-) (DEA	49.0	5.3	363	8	18.0	0.94	8	21.44	1.00	8	36.32	1.35	8	41.09
SF01_HUMAN	Splicing factor 1 (Zinc finger protein 162) (Transc	68.3	9.7	123	3	7.2	0.70	3	37.59	1.01	3	6.72	0.51	3	29.78
SF3B1_HUMAN	Splicing factor 3B subunit 1 (Spliceosome-associa	145.7	6.6	227	6	7.7	0.86	6	19.42	0.99	6	8.71	0.84	6	30.27
SF3B2_HUMAN	Splicing factor 3B subunit 2 (Spliceosome-associa	97.6	5.4	167	4	7.8	0.88	6	14.67	1.03	6	16.99	0.99	6	15.96
U2AF2_HUMAN	Splicing factor U2AF 65 kDa subunit (U2 auxiliary	53.5	9.8	119	3	10.9	0.93	3	20.33	0.89	3	23.06	1.01	3	26.48
SFRS1_HUMAN	Splicing factor, arginine/serine-rich 1 (pre-mRNA	27.7	10.8	335	7	32.3	1.03	7	14.52	1.09	7	17.45	1.10	7	12.38
SFRS3_HUMAN	Splicing factor, arginine/serine-rich 3 (Pre-mRNA	19.3	12.3	170	3	22.6	0.96	12	7.82	1.17	12	11.40	1.19	12	13.61
SFRS6_HUMAN	Splicing factor, arginine/serine-rich 6 (Pre-mRNA	39.6	12.0	236	7	19.5	0.94	13	17.75	1.11	13	14.87	1.19	13	15.06
SFRS7_HUMAN	Splicing factor, arginine/serine-rich 7 (Splicing fa	27.4	12.4	354	6	46.2	0.93	6	7.67	1.05	6	23.27	1.04	6	15.17
SFRS9_HUMAN	Splicing factor, arginine/serine-rich 9 (Pre-mRNA	25.5	9.2	218	5	35.7	1.04	5	8.03	1.08	5	24.09	1.10	5	22.03
SFPQ_HUMAN	Splicing factor, proline- and glutamine-rich (Poly	76.1	9.9	542	10	20.8	0.89	10	22.21	1.01	10	31.03	0.88	10	41.50
ERG1_HUMAN	Squalene monooxygenase (EC 1.14.99.7) (Squale	63.9	9.6	94	3	6.6	1.30	5	21.00	1.41	5	30.76	1.40	5	31.58
SLIRP_HUMAN	SRA stem-loop-interacting RNA-binding protein,	12.3	11.0	273	6	67.9	0.91	6	13.12	0.86	6	19.18	0.99	6	18.77
SND1_HUMAN	Staphylococcal nuclease domain-containing prot	101.9	6.8	321	8	12.6	1.00	8	10.04	1.04	8	26.63	1.04	8	26.66
STMN1_HUMAN	Stathmin (Phosphoprotein p19) (pp19) (Oncopro	17.3	5.7	146	3	28.2	0.93	9	23.04	0.89	9	12.49	0.71	9	22.19
NSDHL_HUMAN	Sterol-4-alpha-carboxylate 3-dehydrogenase, de	41.9	9.0	101	2	7.5	1.13	6	18.60	1.15	6	28.55	1.31	6	21.79
STML2_HUMAN	Stomatin-like protein 2 (SLP-2) (EPB72-like 2) - H	38.5	7.7	140	3	13.2	1.00	3	2.36	0.99	3	18.00	1.19	3	4.35
GRP75_HUMAN	Stress-70 protein, mitochondrial precursor (75 kD	73.6	5.8	856	22	29.7	1.01	19	18.30	1.08	19	21.40	1.23	20	31.39
STIP1_HUMAN	Stress-induced-phosphoprotein 1 (STI1) (Hsc70/H	62.6	6.4	461	9	23.8	0.96	9	7.48	1.01	9	24.62	0.97	9	40.03
SMC1A_HUMAN	Structural maintenance of chromosomes protein	143.1	8.2	266	5	8.9	0.88	5	11.37	1.05	5	26.00	1.07	5	37.19
SMC3_HUMAN	Structural maintenance of chromosomes protein	141.5	6.8	228	4	8.8	1.01	5	16.30	0.96	5	21.99	0.94	5	28.60
DHSA_HUMAN	Succinate dehydrogenase [ubiquinone] flavoprot	72.6	7.3	237	7	16.7	1.04	7	21.50	1.05	7	33.79	1.13	7	41.69
DHSB_HUMAN	Succinate dehydrogenase [ubiquinone] iron-sulf	31.6	9.9	96	5	17.9	0.96	10	17.63	0.96	10	17.57	0.97	10	24.30
SUCA_HUMAN	Succinyl-CoA ligase [GDP-forming] subunit alpha	35.0	10.0	356	6	30.9	0.94	6	26.76	0.99	6	33.51	1.16	6	44.90

Supplementary Table 1C

SQRD_HUMAN	Sulfide:quinone oxidoreductase, mitochondrial p	49.9	9.7	128	5	15.6	1.01	5	17.98	1.11	5	14.88	0.97	5	18.10
ST2B1_HUMAN	Sulfotransferase family cytosolic 2B member 1 (E	41.3	5.1	60	3	7.9	1.06	3	2.61	1.20	3	19.19	1.50	3	23.42
SODC_HUMAN	Superoxide dismutase [Cu-Zn] (EC 1.15.1.1) - Hor	15.9	5.7	163	3	28.6	1.19	3	7.62	1.37	3	13.90	1.27	3	12.53
SMRC1_HUMAN	SWI/SNF-related matrix-associated actin-depend	122.7	5.5	93	2	4.1	0.93	3	10.74	1.08	3	8.71	0.83	3	5.76
GPSN2_HUMAN	Synaptic glycoprotein SC2 - Homo sapiens (Huma	36.0	10.1	48	2	9.1	1.35	2	16.04	1.37	2	7.20	1.31	2	7.19
VAT1_HUMAN	Synaptic vesicle membrane protein VAT-1 homol	41.9	5.9	60	2	7.9	1.06	2	19.83	1.01	2	15.95	0.94	2	42.83
TLN1_HUMAN	Talin-1 - Homo sapiens (Human)	269.6	5.7	230	6	4.0	0.88	9	23.20	0.74	9	24.45	0.66	9	37.33
RBP56_HUMAN	TATA-binding protein-associated factor 2N (RNA-	61.8	8.6	172	4	16.0	1.17	5	37.70	1.22	5	40.00	1.31	5	66.50
TCPD_HUMAN	T-complex protein 1 subunit delta (TCP-1-delta) (	57.9	9.0	252	4	12.8	1.15	7	31.17	1.30	7	26.35	1.45	7	27.15
TCPE_HUMAN	T-complex protein 1 subunit epsilon (TCP-1-epsil	59.6	5.3	298	6	14.4	1.01	6	24.00	0.96	6	24.56	1.04	6	39.95
TCPH_HUMAN	T-complex protein 1 subunit eta (TCP-1-eta) (CCT	59.3	8.6	199	5	10.9	1.06	6	17.85	1.22	6	15.07	1.23	6	30.63
TCPG_HUMAN	T-complex protein 1 subunit gamma (TCP-1-gam	60.5	6.1	280	4	13.8	0.91	9	23.88	0.86	9	21.45	0.94	9	35.32
TCPQ_HUMAN	T-complex protein 1 subunit theta (TCP-1-theta)	59.6	5.3	161	4	10.9	1.09	5	11.33	1.05	5	21.07	1.16	5	17.04
TCPZ_HUMAN	T-complex protein 1 subunit zeta (TCP-1-zeta) (C	58.0	6.2	339	7	14.7	1.04	7	14.54	1.04	7	20.01	1.13	7	34.79
TES_HUMAN	Testin (TESS) - Homo sapiens (Human)	48.0	9.1	92	2	12.1	1.09	2	4.82	1.22	2	17.96	0.83	2	10.84
TSN3_HUMAN	Tetraspanin-3 (Tspan-3) (Transmembrane 4 supe	28.0	5.4	49	1	2.8	1.11	10	8.06	1.27	10	10.10	1.35	10	10.41
THIO_HUMAN	Thioredoxin (Trx) (ATL-derived factor) (ADF) (Sur	11.7	4.7	185	2	20.0	1.01	2	2.41	0.54	2	5.69	0.49	2	22.35
TXND4_HUMAN	Thioredoxin domain-containing protein 4 precur	46.9	5.0	222	6	14.3	1.21	9	26.56	1.22	9	38.29	1.35	9	42.60
TXND5_HUMAN	Thioredoxin domain-containing protein 5 precur	47.6	5.6	492	7	26.4	1.08	7	10.25	1.13	7	15.32	1.19	7	17.86
PRDX3_HUMAN	Thioredoxin-dependent peroxide reductase, mito	27.7	8.9	177	4	16.4	1.06	4	8.89	1.01	4	9.65	1.69	4	12.95
THTR_HUMAN	Thiosulfate sulfurtransferase (EC 2.8.1.1) (Rhoda	33.4	6.9	341	7	32.0	1.06	7	6.91	1.12	7	12.82	1.23	7	15.52
THOC4_HUMAN	THO complex subunit 4 (Tho4) (Ally of AML-1 and	26.9	11.6	179	2	21.0	0.91	3	4.35	1.07	3	7.49	1.07	3	4.83
SYTC_HUMAN	Threonyl-tRNA synthetase, cytoplasmic (EC 6.1.1	83.4	6.2	132	4	5.9	1.03	5	17.33	0.88	5	30.71	0.90	5	23.36
TR150_HUMAN	Thyroid hormone receptor-associated protein 3 (	108.6	10.6	196	6	9.9	1.00	7	17.38	1.23	7	14.70	0.90	7	49.51
TR240_HUMAN	Thyroid hormone receptor-associated protein co	239.1	5.4	117	4	2.9	1.11	4	27.42	1.20	4	35.47	0.72	4	60.74
ZO2_HUMAN	Tight junction protein ZO-2 (Zonula occludens 2 p	133.9	7.1	278	9	10.3	1.08	9	31.89	1.19	9	31.94	1.01	9	23.60
TOIP1_HUMAN	Torsin-1A-interacting protein 1 - Homo sapiens (	66.2	8.9	118	3	10.3	0.94	5	11.29	1.04	5	23.12	1.04	5	6.91
MECR_HUMAN	Trans-2-enoyl-CoA reductase, mitochondrial pre	40.4	9.8	92	2	12.1	0.78	2	5.18	0.96	2	8.77	1.13	2	3.49
TALDO_HUMAN	Transaldolase (EC 2.2.1.2) - Homo sapiens (Huma	37.5	6.4	213	6	23.4	0.92	6	25.21	0.96	6	21.00	1.04	6	20.40
TFAM_HUMAN	Transcription factor A, mitochondrial precursor (	29.1	10.3	336	9	32.1	1.09	9	13.33	1.11	9	19.39	1.19	9	35.23
MAFF_HUMAN	Transcription factor MafF (V-maf musculoapone	17.7	10.8	131	2	25.0	0.91	2	32.98	1.30	2	18.02	0.84	2	14.35
TIF1B_HUMAN	Transcription intermediary factor 1-beta (TIF1-be	88.5	5.4	284	7	14.6	1.11	7	9.54	1.03	7	13.41	1.07	7	15.86
PURB_HUMAN	Transcriptional activator protein Pur-beta (Purin	33.2	5.2	61	1	7.7	0.82	2	0.87	0.90	2	17.42	0.51	2	25.76
TFR1_HUMAN	Transferrin receptor protein 1 (TfR1) (TR) (TfR) (T	84.8	6.2	129	3	8.4	1.08	3	11.79	0.88	3	7.19	0.78	3	28.02
TACC2_HUMAN	Transforming acidic coiled-coil-containing protei	309.2	4.6	151	3	3.4	0.98	5	17.07	1.13	5	10.81	0.84	5	31.36
RHOA_HUMAN	Transforming protein RhoA precursor (H12) - Ho	21.8	5.8	136	3	30.1	1.27	4	11.62	0.76	4	53.21	0.71	4	28.99
TAGL2_HUMAN	Transgelin-2 (SM22-alpha homolog) - Homo sapi	22.4	9.3	583	13	59.3	1.06	13	24.16	0.99	13	20.98	0.94	13	25.98
TERA_HUMAN	Transitional endoplasmic reticulum ATPase (TER	89.3	5.0	469	8	14.9	1.06	8	15.08	1.20	8	20.06	1.31	8	30.05
TKT_HUMAN	Transketolase (EC 2.2.1.1) (TK) - Homo sapiens (H	67.8	8.5	512	10	22.2	1.06	10	14.30	1.16	10	20.41	1.10	10	33.52
SSRA_HUMAN	Translocon-associated protein subunit alpha pre	32.2	4.2	101	3	10.1	0.80	5	21.07	0.89	5	13.95	0.94	5	34.72
SSRD_HUMAN	Translocon-associated protein subunit delta prec	19.0	5.7	51	2	9.8	1.15	4	16.78	1.17	4	5.92	1.27	4	17.61
TM9S3_HUMAN	Transmembrane 9 superfamily protein member 3	67.8	7.0	45	2	2.7	1.11	2	18.77	1.23	2	38.49	0.66	2	37.02
TMEDA_HUMAN	Transmembrane emp24 domain-containing prot	25.0	7.8	143	2	24.2	1.17	7	14.94	1.52	6	7.80	2.13	6	9.52
TMPSD_HUMAN	Transmembrane protease, serine 13 (EC 3.4.21.-)	62.6	10.0	78	1	5.7	0.75	5	11.08	0.68	5	17.48	0.21	5	27.19
TM109_HUMAN	Transmembrane protein 109 precursor (Mitsugu	26.2	10.9	106	1	7.4	0.96	5	12.73	1.13	5	20.77	1.27	5	13.24
TCOF_HUMAN	Treacle protein (Treacher Collins syndrome prote	152.0	9.6	135	4	6.2	0.87	4	16.92	1.06	4	28.18	1.01	4	47.31
TXTP_HUMAN	Tricarboxylate transport protein, mitochondrial p	34.0	10.6	207	5	18.3	1.01	6	10.85	0.98	6	11.58	1.27	6	20.76
ECHA_HUMAN	Trifunctional enzyme subunit alpha, mitochondr	82.9	9.8	188	4	8.7	0.96	4	8.34	1.22	4	10.73	1.56	4	20.72
					4	*5.9*	0.91	*10*	*18.62*	1.20	*7*	*9.23*	1.35	*7*	*24.15*

Supplementary Table 1C

ECHB_HUMAN	Trifunctional enzyme subunit beta, mitochondria	51.3	10.0	247	6	14.6	1.06	9	15.06	1.09	9	12.28	1.35	9	22.88
PUR2_HUMAN	Trifunctional purine biosynthetic protein adenos	107.7	6.3	144	5	8.7	0.96	6	15.50	0.83	6	22.44	0.86	6	29.47
TPIS_HUMAN	Triosephosphate isomerase (EC 5.3.1.1) (TIM) (Tr	26.7	6.5	1130	14	57.4	1.25	12	6.66	1.11	12	15.09	0.92	12	17.65
TR112_HUMAN	TRM112-like protein - Homo sapiens (Human)	14.2	5.1	75	2	25.6	1.30	4	18.26	1.17	4	9.07	1.23	4	15.01
TRUA_HUMAN	tRNA pseudouridine synthase A (EC 5.4.99.12) (tI	47.4	9.6	122	4	16.6	0.79	6	28.79	0.90	6	31.17	0.70	6	22.11
TPM3_HUMAN	Tropomyosin alpha-3 chain (Tropomyosin-3) (Tro	32.8	4.5	203	4	20.1	1.06	12	15.30	1.16	12	24.47	0.97	12	24.98
SYWC_HUMAN	Tryptophanyl-tRNA synthetase, cytoplasmic (EC (	53.1	5.8	81	3	6.6	0.81	3	21.70	0.82	3	31.44	0.90	3	22.13
TBA1_HUMAN	Tubulin alpha-1 chain (Alpha-tubulin 1) (Testis-sp	49.9	4.8	654	8	22.8	1.25	8	7.26	1.20	8	18.96	1.84	8	57.30
TBA6_HUMAN	Tubulin alpha-6 chain (Alpha-tubulin 6) - Homo s	49.9	4.8	935	12	31.4	1.19	12	11.40	1.13	12	20.14	1.56	12	56.99
TBAK_HUMAN	Tubulin alpha-ubiquitous chain (Alpha-tubulin ub	50.1	4.8	1004	12	31.3	1.21	11	7.85	1.12	12	19.86	1.76	11	50.29
TBB5_HUMAN	Tubulin beta chain (Tubulin beta-5 chain) - Homo	49.6	4.6	1170	22	42.3	1.04	21	16.50	0.96	20	26.31	1.19	20	31.96
TBB2C_HUMAN	Tubulin beta-2C chain (Tubulin beta-2 chain) - Ho	49.8	4.6	1232	22	44.9	1.04	22	15.91	0.89	21	26.05	1.16	21	30.41
TTL12_HUMAN	Tubulin--tyrosine ligase-like protein 12 - Homo sa	74.4	5.2	76	2	5.4	1.15	2	5.15	1.27	2	1.43	1.07	2	9.02
TPD54_HUMAN	Tumor protein D54 (hD54) (Tumor protein D52-li	22.2	5.1	51	2	16.0	0.75	2	2.16	0.78	2	27.75	0.75	2	10.55
TACD1_HUMAN	Tumor-associated calcium signal transducer 1 pr	34.9	8.7	55	2	6.1	1.01	2	24.33	1.08	2	9.02	1.31	2	15.22
SYYC_HUMAN	Tyrosyl-tRNA synthetase, cytoplasmic (EC 6.1.1.1	59.1	6.7	69	3	6.4	1.01	3	21.06	1.08	3	31.76	1.10	3	38.08
RU17_HUMAN	U1 small nuclear ribonucleoprotein 70 kDa (U1 s	51.5	10.3	254	6	21.3	1.01	10	14.11	1.06	10	23.00	0.99	10	25.59
SNRPA_HUMAN	U1 small nuclear ribonucleoprotein A (U1 snRNP	31.3	10.3	96	3	19.5	1.09	3	16.78	1.48	3	26.15	1.45	3	19.70
RU2A_HUMAN	U2 small nuclear ribonucleoprotein A' (U2 snRNP	28.4	9.4	122	3	8.2	1.04	5	27.90	1.20	5	19.67	0.92	5	26.53
PRP4_HUMAN	U4/U6 small nuclear ribonucleoprotein Prp4 (U4	58.4	7.3	163	2	4.6	0.96	2	28.04	1.03	2	9.78	0.81	2	9.43
U520_HUMAN	U5 small nuclear ribonucleoprotein 200 kDa helic	244.4	5.7	152	2	4.0	1.27	2	12.90	1.62	2	19.47	1.62	2	34.76
LSM3_HUMAN	U6 snRNA-associated Sm-like protein LSm3 - Hor	11.8	4.4	67	1	21.6	1.13	3	3.91	1.05	3	23.19	0.97	3	1.71
UCRQ_HUMAN	Ubiquinol-cytochrome c reductase complex ubiq	9.9	10.4	217	5	54.9	0.98	5	17.07	0.98	5	35.69	1.16	5	22.74
UCRI_HUMAN	Ubiquinol-cytochrome c reductase iron-sulfur su	29.6	9.4	176	2	19.7	1.13	7	14.05	1.27	7	13.99	1.45	7	16.09
UQCR1_HUMAN	Ubiquinol-cytochrome-c reductase complex core	52.6	5.9	498	8	31.5	0.96	8	17.79	1.11	8	13.90	1.19	8	29.21
UQCR2_HUMAN	Ubiquinol-cytochrome-c reductase complex core	48.4	9.3	170	2	9.7	1.09	2	2.16	1.19	2	6.36	1.45	2	2.82
UBIQ_HUMAN	Ubiquitin - Homo sapiens (Human)	8.6	7.6	383	5	85.5	1.08	8	12.71	1.16	8	23.77	1.93	8	23.19
UBP5_HUMAN	Ubiquitin carboxyl-terminal hydrolase 5 (EC 3.1.2	95.7	4.8	50	2	3.3	1.17	2	3.19	0.80	2	36.91	0.88	2	16.10
UBE1_HUMAN	Ubiquitin-activating enzyme E1 (A1S9 protein) - H	117.8	5.4	606	13	17.4	1.17	13	19.16	1.19	13	22.31	1.19	13	25.49
UBE2N_HUMAN	Ubiquitin-conjugating enzyme E2 N (EC 6.3.2.19)	17.1	6.2	147	3	18.4	1.08	7	16.52	1.15	7	20.00	1.07	7	30.04
UB2V1_HUMAN	Ubiquitin-conjugating enzyme E2 variant 1 (UEV-	25.8	9.4	118	4	15.4	1.11	6	16.38	1.25	6	21.33	1.13	6	22.46
UBC1_HUMAN	Ubiquitin-conjugating enzyme E2-25 kDa (EC 6.3.	22.4	5.2	28	1	7.5	0.98	2	6.98	1.05	2	24.98	0.94	2	1.44
GALE_HUMAN	UDP-glucose 4-epimerase (EC 5.1.3.2) (Galactow	38.3	6.3	138	3	15.2	1.15	4	8.81	1.13	4	14.18	1.40	4	30.73
UGDH_HUMAN	UDP-glucose 6-dehydrogenase (EC 1.1.1.22) (UDI	55.0	6.9	144	5	14.8	0.77	5	6.71	0.77	5	17.64	0.78	5	18.57
UGGG1_HUMAN	UDP-glucose:glycoprotein glucosyltransferase 1 p	174.9	5.3	93	2	2.2	1.15	2	9.22	1.11	2	11.05	1.27	2	0.49
UD13_HUMAN	UDP-glucuronosyltransferase 1-3 precursor (EC 2	60.3	9.2	70	1	5.6	0.89	3	25.76	1.20	3	31.69	1.93	3	23.00
KCY_HUMAN	UMP-CMP kinase (EC 2.7.4.14) (Cytidylate kinase	22.2	5.3	261	3	28.6	1.08	14	23.85	0.89	14	22.94	1.01	13	12.22
CQ028_HUMAN	Uncharacterized protein C17orf28 (Down-regulat	88.7	5.6	98	2	6.0	1.15	2	35.66	1.20	2	32.50	1.16	2	42.35
CA125_HUMAN	Uncharacterized protein C1orf125 - Homo sapien	118.0	5.4	87	2	5.1	1.08	2	5.83	0.98	2	26.83	1.27	2	4.56
CA077_HUMAN	Uncharacterized protein C1orf77 - Homo sapiens	26.4	12.7	190	5	39.1	0.77	4	29.80	0.92	4	20.44	0.69	4	28.55
K0152_HUMAN	Uncharacterized protein KIAA0152 precursor - He	32.2	5.2	67	1	7.5	1.00	6	11.33	0.91	6	12.70	0.99	6	14.16
CV028_HUMAN	UPF0027 protein C22orf28 - Homo sapiens (Hum	55.2	6.9	322	5	18.0	0.93	5	11.46	1.06	5	20.45	1.07	5	21.14
VA0D1_HUMAN	Vacuolar ATP synthase subunit d 1 (EC 3.6.3.14) (	40.3	4.7	67	2	4.8	1.15	7	16.28	1.15	7	10.09	1.16	7	18.86
VPS4B_HUMAN	Vacuolar protein sorting-associating protein 4B (	49.3	6.9	154	3	9.0	0.91	3	5.82	0.84	3	12.96	0.97	3	29.73
VPP3_HUMAN	Vacuolar proton translocating ATPase 116 kDa su	92.9	6.6	59	2	4.5	1.23	2	3.38	1.27	2	11.06	1.07	2	8.29
SYV_HUMAN	Valyl-tRNA synthetase (EC 6.1.1.9) (Valine--tRNA	140.4	8.4	337	10	11.5	0.92	10	13.80	0.88	10	21.23	0.90	10	32.59
VASP_HUMAN	Vasodilator-stimulated phosphoprotein (VASP) -	39.8	9.7	182	3	17.1	0.98	3	15.71	0.84	3	9.66	0.70	3	22.17
ACADV_HUMAN	Very-long-chain specific acyl-CoA dehydrogenase	70.3	9.6	244	6	15.9	1.01	8	31.69	1.13	8	38.13	0.94	8	54.59
VAPA_HUMAN	Vesicle-associated membrane protein-associated	27.9	9.6	118	3	19.3	0.97	4	10.87	0.79	4	17.44	0.76	4	11.99

Supplementary Table 1C

NSF_HUMAN	Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusi	82.5	6.6	103	2	7.1	0.76	3	39.34	0.59	3	17.88	0.61	3	20.53
LMAN2_HUMAN	Vesicular integral-membrane protein VIP36 prec	40.2	6.5	98	3	9.0	1.06	3	5.23	1.11	3	20.64	1.45	3	21.65
VIGLN_HUMAN	Vigilin (High density lipoprotein-binding protein)	141.4	6.4	246	4	11.9	1.00	8	18.13	0.95	8	17.30	1.04	8	15.01
VILI_HUMAN	Villin-1 - Homo sapiens (Human)	92.6	6.0	329	9	15.7	1.06	8	13.45	1.16	8	20.37	1.31	8	25.11
VDAC2_HUMAN	Voltage-dependent anion-selective channel prot	38.1	6.4	194	4	15.0	1.13	5	24.13	1.03	5	35.93	1.62	5	81.45
WDR57_HUMAN	WD repeat protein 57 (Prp8-binding protein) (hP	39.3	9.3	103	2	15.4	1.03	2	0.39	0.83	2	25.15	1.19	2	6.45
XPP1_HUMAN	Xaa-Pro aminopeptidase 1 (EC 3.4.11.9) (X-Pro ar	69.9	5.3	86	1	6.7	0.75	3	5.74	0.36	3	10.26	0.29	3	7.17
ZN451_HUMAN	Zinc finger protein 451 (Coactivator for steroid re	121.4	6.3	50	2	2.8	0.86	2	29.20	0.79	2	32.49	0.94	2	6.76